

**STATE ENVIRONMENTAL QUALITY REVIEW  
SOLICITATION FOR LEAD AGENCY STATUS**

**Type 1 Action  
(Amended)**

Pursuant to Part 617 of the implementing regulations pertaining to Article 8, (State Environmental Quality Review Act) of the Environmental Conservation Law.

**Date: March 1, 2012**

**TO:** NYS Department of Environmental Conservation, Region 9  
 NYS Environmental Facilities Corporation  
 NYS Office of Parks, Recreation & Historic Preservation (09PR01588)  
 NYS Department of Transportation, Region 5  
 Erie County DEP – Sewerage Management  
 Erie County Executive  
 Erie County Legislature  
 Erie County DEP - Planning  
 Erie County Sewer District No. 1 Board of Managers  
 Erie County Sewer District No. 4 Board of Managers  
 Erie County Public Works  
 Town of Cheektowaga – Engineering and Supervisor  
 Town of Lancaster – Supervisor  
 Village of Lancaster - Mayor

**NAME OF ACTION:** Aurora North Pump Station Elimination Project

**Note:** This SEQR Coordinated Review is being amended to reflect a modification in the alignment of the proposed 12,534 foot sanitary sewer. The new alignment will be constructed in the right-of-way of Losson Road in Cheektowaga. In the Town of Lancaster the new alignment has been shifted south into an open field to accommodate anticipated residential development.

**LOCATIONS:** Towns of Cheektowaga and Lancaster, Erie County (Exhibit A)

**PROJECT NO.:** C617-09-295

**SRF PROJECT NO.:** 6699-09

Erie County has identified this project as a Type 1 Action for the purpose of SEQR. Erie County requests lead agency status for this project, pursuant to Part 617.6 (b).

The reasons for this request are as follows:

The anticipated impact of the action being proposed is primarily of regional significance.

This agency has the broadest governmental powers for investigation into the impacts of the proposed action.

This agency has the greatest capability for providing the most thorough environmental assessment of the proposed action.

Any involved or interested agency may submit objections in writing, within thirty (30) days of the date of this notification. If no objections are expressed, Erie County will assume lead agency status for this action and will make a determination of its significance. A preliminary finding that the project will not have a significant effect on the environment has been made by Erie County. The County anticipates issuing a negative declaration.

The revised Environmental Assessment Form Part 1 is attached for your review.

Written comments may be submitted to:

John Mallory, Assistant Sanitary Engineer  
Erie County Department of Environment and Planning  
Division of Sewerage Management, Room 1034  
Rath Building, 95 Franklin Street  
Buffalo, New York 14202

Before: **March 30 , 2012**

**PART 1--PROJECT INFORMATION**  
**Prepared by Project Sponsor**

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Aurora North Pump Station Elimination Project

Location of Action (include Street Address, Municipality and County)

Aurora Street, William Street (CR338), Transit Road (SR78) and Borden Road  
in the Towns of Lancaster and Cheektowaga, Erie County

Name of Applicant/Sponsor Erie County Sewer District No. 4 - Erie County Department of Environment and Planning

Address 95 Franklin Street

City / PO Buffalo State NY Zip Code 14202

Business Telephone (716) 858-6153

Name of Owner (if different) same as above

Address \_\_\_\_\_

City / PO \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Business Telephone \_\_\_\_\_

Description of Action:

The Erie County Department of Environment and Planning proposes to decommission the Aurora North Pump Station and construct approximately 12,543 feet (2.38 miles) of new gravity sanitary sewer. The new sanitary sewer will be located between the existing Aurora North Pump Station on Aurora Street in Lancaster and Borden Road Road in Cheektowaga. The lower reaches of the proposed sewer between Transit Road and Borden Road will consist of 24" PVC pipe while the upper reaches between Aurora Road and Transit Road will consist of 21" PVC pipe. No significant above ground structures will be constructed as part of the project.

The 30-year old Aurora North Pump Station is nearing the end of its design life and the current rate of residential growth may soon require a capacity upgrade. Under existing conditions, the occurrence of wet-well alarms at the pumping station indicate an exceedance of in-flow capacity or pumping inefficiency. The proposed project will provide capacity for the existing population and the anticipated residential growth in the service area. The project will mitigate surcharging that currently exists in the Village of Lancaster during wet weather events.

This update to the 2009 SEQR is undertaken because certain alignment changes been proposed. Based on requests from the municipalities, the alignment of the new sanitary sewer has been modified. The new alignment will be constructed in the right-of-way of Losson Road in Cheektowaga. In the Town of Lancaster, at the request of the landowner, the alignment was shifted south in an open field to accommodate anticipated residential development.

**Please Complete Each Question--Indicate N.A. if not applicable**

**A. SITE DESCRIPTION**

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use:  Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)  
 Forest  Agriculture  Other Successional shrubland and old field  
See Section D.

2. Total acreage of project area: 3.46 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>0.30</u> acres	<u>0.30</u> acres
Forested	<u>0.38</u> acres	<u>0.38</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>0.97</u> acres	<u>0.97</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	_____ acres
Unvegetated (Rock, earth or fill)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	<u>0.90</u> acres	<u>0.90</u> acres
Other (Indicate type) <u>lawns, landscaped and other developed areas</u>	<u>0.91</u> acres	<u>0.91</u> acres

3. What is predominant soil type(s) on project site? Ca,Cc,Db,Nh,Rg,Wd -See Exhibit B

- a. Soil drainage:  Well drained \_\_\_\_\_% of site  Moderately well drained \_\_\_\_\_% of site.  
 Poorly drained 100 % of site

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? 0 acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site?  Yes  No

a. What is depth to bedrock >5 (in feet)

5. Approximate percentage of proposed project site with slopes:

- 0-10% 100 %  10- 15% \_\_\_\_\_ %  15% or greater \_\_\_\_\_ %

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places?  Yes  No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks?  Yes  No

8. What is the depth of the water table? 0-2 (in feet)

9. Is site located over a primary, principal, or sole source aquifer?  Yes  No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area?  Yes  No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered?  Yes  No

According to:

According to USFWS and NYSDEC consultations, database research and filed survey (01-09-2012).

Identify each species:

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?)

Yes  No

Describe:

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

Yes  No

If yes, explain:

See Section D.

14. Does the present site include scenic views known to be important to the community?  Yes  No

15. Streams within or contiguous to project area:

North Branch of Slate Bottom Creek and tributary (See Section D - Exhibit E)

a. Name of Stream and name of River to which it is tributary

Cayuga Creek to Buffalo River to Lake Erie.

16. Lakes, ponds, wetland areas within or contiguous to project area:

See Section D and Exhibits F and G.

b. Size (in acres):

See Section D.

17. Is the site served by existing public utilities?  Yes  No
- a. If YES, does sufficient capacity exist to allow connection?  Yes  No
- b. If YES, will improvements be necessary to allow connection?  Yes  No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?  Yes  No
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617?  Yes  No
20. Has the site ever been used for the disposal of solid or hazardous wastes?  Yes  No

**B. Project Description**

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

- a. Total contiguous acreage owned or controlled by project sponsor: 8.64 acres.
- b. Project acreage to be developed: 3.46 acres initially; 3.46 acres ultimately.
- c. Project acreage to remain undeveloped: 5.18 acres.
- d. Length of project, in miles: 2.38 (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. n/a %
- f. Number of off-street parking spaces existing n/a; proposed n/a
- g. Maximum vehicular trips generated per hour: n/a (upon completion of project)?
- h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	<u>n/a</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Ultimately	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

- i. Dimensions (in feet) of largest proposed structure: n/a height;                      width;                      length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? ~2,900 ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 9400 cy tons/cubic yards.

3. Will disturbed areas be reclaimed  Yes  No  N/A

a. If yes, for what intended purpose is the site being reclaimed?

Sewer work areas, will be reclaimed to the use/contour/condition prior to construction (road shoulder, open land).

- b. Will topsoil be stockpiled for reclamation?  Yes  No
- c. Will upper subsoil be stockpiled for reclamation?  Yes  No
4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 2.56 acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

Yes  No

6. If single phase project: Anticipated period of construction: 18 months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated 1 (number)

b. Anticipated date of commencement phase 1: 5 month 2012 year, (including demolition)

c. Approximate completion date of final phase: 11 month 2013 year.

d. Is phase 1 functionally dependent on subsequent phases?  Yes  No

8. Will blasting occur during construction?  Yes  No

9. Number of jobs generated: during construction 10; after project is complete 0

10. Number of jobs eliminated by this project 0.

11. Will project require relocation of any projects or facilities?  Yes  No

If yes, explain:

12. Is surface liquid waste disposal involved?  Yes  No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount \_\_\_\_\_

b. Name of water body into which effluent will be discharged \_\_\_\_\_

13. Is subsurface liquid waste disposal involved?  Yes  No Type \_\_\_\_\_

14. Will surface area of an existing water body increase or decrease by proposal?  Yes  No

If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain?  Yes  No

16. Will the project generate solid waste?  Yes  No

a. If yes, what is the amount per month? \_\_\_\_\_ tons

b. If yes, will an existing solid waste facility be used?  Yes  No

c. If yes, give name \_\_\_\_\_; location \_\_\_\_\_

d. Will any wastes not go into a sewage disposal system or into a sanitary landfill?  Yes  No

e. If yes, explain:

17. Will the project involve the disposal of solid waste?  Yes  No

a. If yes, what is the anticipated rate of disposal? \_\_\_\_\_ tons/month.

b. If yes, what is the anticipated site life? \_\_\_\_\_ years.

18. Will project use herbicides or pesticides?  Yes  No

19. Will project routinely produce odors (more than one hour per day)?  Yes  No

20. Will project produce operating noise exceeding the local ambient noise levels?  Yes  No

21. Will project result in an increase in energy use?  Yes  No

If yes, indicate type(s)

Temporary increase in energy use by heavy equipment during construction of Project.

There will be a long term decrease in energy use. The proposed sewer will eliminate one connection to the Depew Pumping Station which will save in pumping costs. The elimination of the Aurora Pumping Station will eliminate energy costs that currently exist at that station.

22. If water supply is from wells, indicate pumping capacity \_\_\_\_\_ n/a gallons/minute.

23. Total anticipated water usage per day \_\_\_\_\_ n/a gallons/day.

24. Does project involve Local, State or Federal funding?  Yes  No

If yes, explain:

New York State Environmental Facilities Corporation - State Revolving Loan Fund.  
Erie County Department of Environment and Planning, Division of Sewerage Management.

**25. Approvals Required:**

			Type	Submittal Date
City, Town, Village Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, County Health Department	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Erie County Dept. of Health</u>	_____
			<u>Erie County Highway</u>	_____
			_____	_____
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Other Regional Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>NYSDOT - Work Permits</u>	_____
			<u>NYSDEC - Sewer Approval</u>	_____
			<u>NYSEFC - funding</u>	_____
			_____	_____
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>USACE - wetlands</u>	_____
			_____	_____
			_____	_____

**C. Zoning and Planning Information**

1. Does proposed action involve a planning or zoning decision?  Yes  No

If Yes, indicate decision required:

- |   |   |  |                                      |
|---|---|--|--------------------------------------|
| <input type="checkbox"/> Zoning amendment | <input type="checkbox"/> Zoning variance    | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input type="checkbox"/> Site plan        | <input type="checkbox"/> Special use permit | <input type="checkbox"/> Resource management plan    | <input type="checkbox"/> Other       |

2. What is the zoning classification(s) of the site?

not applicable to the nature of Project

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

not applicable to the nature of Project

4. What is the proposed zoning of the site?

No change in zoning or land use is proposed.

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

not applicable to the nature of Project

6. Is the proposed action consistent with the recommended uses in adopted local land use plans?  Yes  No

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

Residential and commercial

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile?  Yes  No

9. If the proposed action is the subdivision of land, how many lots are proposed? not applicable

a. What is the minimum lot size proposed? \_\_\_\_\_

10. Will proposed action require any authorization(s) for the formation of sewer or water districts?  Yes  No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection)?

Yes  No

a. If yes, is existing capacity sufficient to handle projected demand?  Yes  No

12. Will the proposed action result in the generation of traffic significantly above present levels?  Yes  No

a. If yes, is the existing road network adequate to handle the additional traffic.  Yes  No

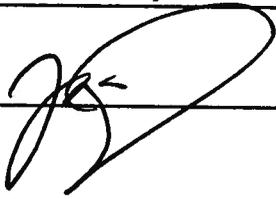
**D. Informational Details**

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

**E. Verification**

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

Applicant/Sponsor Name E.C.S.D. No.4 - Dept. of Environment & Planning Date 3/1/12

Signature  JOSEPH L. FIEGL, P.E.

Title Deputy Commissioner

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

## AURORA NORTH PUMP STATION ELIMINATION PROJECT EAF PART 1 - D. INFORMATIONAL DETAILS

### GENERAL (Project Description)

This update to the 2009 SEQR Coordinated Review is undertaken because certain alignment changes have been proposed. Based on requests from the municipalities and landowners, the alignment of the new sanitary sewer has been modified. The new alignment now follows the right-of-way along Losson Road in Cheektowaga. In the Town of Lancaster, at the request of the landowner, the new alignment was shifted south in an open field to accommodate anticipated residential development. The new alignment is depicted on the Project Location map (Exhibit A).

The Erie County Department of Environment and Planning's Division of Sewerage Management proposes to decommission the Aurora North Pump Station and construct approximately 12,543 feet (2.38 miles) of new gravity sanitary sewer. The new sanitary sewer will be located between the existing Aurora North Pump Station located on Aurora Street at Americo Court in Lancaster, NY and Borden Road (at Losson Road) in Cheektowaga, NY. The lower reaches of the proposed sewer between Transit Road and Borden Road will consist of 24" PVC pipe while the upper reaches between Aurora Road and Transit Road will consist of 21" PVC pipe. The existing forcemain would be capped and left in place to provide potential sewer capacity for future sewer projects. No significant aboveground structures will be constructed as part of the Project.

The 30-year old Aurora North Pumping Station is nearing the end of its design life and the current rate of residential growth may soon require a capacity upgrade. Under existing conditions, the occurrences of wet-well alarms at the pumping station indicate an exceedance of in-flow capacity or pumping inefficiency. The Project will provide capacity for the existing population and anticipated residential growth in the service area. The proposed sewer will also eliminate one connection to the Depew Pumping Station which will save in pumping costs and efficiency. The Project will also mitigate surcharging that currently exists in the Village of Lancaster during wet weather events.

### A. SITE DESCRIPTION

1. **Present Land Use:** Land uses in the project area include commercial, residential, agricultural and undeveloped land including, shrublands and open fields.
2. **Total Acreage of Project Area:** The total 8.64 acre project area was calculated by multiplying the length of the Project (12,543 ft.) times an average width for the easement (30 ft.). The 3.46 acre area of disturbance was calculated by multiplying the length of the Project (12,543 ft) times the anticipated width of the disturbed area (12').
3. **Soil Types:** The predominant soil types (Exhibit B) in the Project's area of disturbance are as follows:

Name	Symbol	Acreage	Percent of Site	Drainage
Canadice silt loam	Ca	0.14	4.1%	Poorly drained
Canandaigua silt loam	Cc	0.39	11.2%	Poorly drained
Darien silt loam, 0-3% slopes	DbA	0.47	13.6%	Somewhat poorly drained
Niagara silt loam, till substratum	Nh	0.56	16.2%	Somewhat poorly drained
Rhinebeck silt loam, 0-3% slopes	RgA	1.76	51.2%	Somewhat poorly drained

Rhinebeck silt loam, 3-8% slopes	RgB	0.10	2.9%	Somewhat poorly drained
Wayland silt loam	Wd	0.03	.08%	Very poorly drained
<b>TOTAL</b>		<b>3.46</b>	<b>100</b>	

- 4a. **Bedrock:** According to the Soil Survey of Erie County, depth to bedrock over the project area is greater than five feet.
5. **Topography:** Slopes were based on soil classifications. No slopes over 8% are found in the project area. The Project Location map (Exhibit A) shows relatively flat topography in the project area.
6. **Cultural Resources:** The project alignment does not cross any areas of high archeological sensitivity or contain any structures listed or eligible for listing on the National Register of Historic Places (Exhibit C). On January 24, 2012 the New York State Historic Preservation Office (SHPO) was sent a request to affirm their previous determination (April 2009) that the Project would have "no effect" upon cultural resources in or eligible for inclusion in the National Register of Historic Places. On February 15, 2012 the SHPO provided a response confirming "the project will continue to have No Effect upon cultural resources" (09PR01588). See attached.
8. **Water Table:** According to the Soil Survey of Erie County, the seasonal high water table ranges from 0 to 6 inches for the soil types found along the Project alignment, except for the Rhinebeck soils where the seasonal high water table ranges from 6 to 18 inches. The majority of the Project is mapped with Rhinebeck soils.
9. **Primary, Principal or Sole Source Aquifer:** There are no primary, principal or sole source aquifers in the project area as shown on Exhibit D.
10. **Hunting, Fishing, and Shell Fishing:** No fishing opportunities are present in the project area. Because of proximity to residential and commercial population centers, hunting is prohibited in the project area.
11. **Rare, Threatened, and Endangered Species:** The U.S. Fish and Wildlife Service website indicates that no listed or proposed for listing endangered or threatened species are known to exist in the project area. In addition, on January 25, 2012 consultation letters were sent to the USFWS and NYSDEC – Natural Heritage Program requesting further information regarding known occurrences of any state-listed or federally-listed endangered or threatened species of critical habitats within the Project area.
13. **Open Space or Recreation Area:** The alignment has been revised and no longer passes through the open space area at the northwestern terminus of the Project near Borden Road. The new alignment follows the right of way along William Road and Losson Road in the westerly and northerly area of the Project. In the southeastern portion of the Project, areas of meadow, woodlot and shrub land (on private properties) are traversed by ATVs and walkers.
15. **Project Area Streams:** As indicated in Exhibit E, the North Branch of Slate Bottom Creek passes near a section of the proposed sewer line near Aurora Street in the southeastern portion of the project area. In the project area, the stream is a State

designated Class C, Standards C stream, and is therefore not a State-protected stream. Project activities will not cross or otherwise disturb any portion of the stream.

In order to protect water quality, appropriate soil and erosion control measures will be utilized during Project construction to prevent excessive amounts of silt from entering Slate Bottom Creek.

Since Project activities will involve greater than 1 acre of land disturbance (3.46 acres) it is anticipated that Erie County will obtain a State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharge from Construction Activities and a Notice of Intent will be filed.

16. **Lakes, Ponds and Wetland Areas:** As indicated in Exhibits F and G respectively, USFWS National Wetland Inventory wetlands and NYSDEC Freshwater wetlands are mapped in areas north of the project area. Commercial and residential development in the project area has occurred in some of these wetland areas. No New York State freshwater wetlands are mapped within 100 feet of the project area. A walkover of the original alignment was conducted on March 24, 2009 by a professional wetland scientist. That walkover indicated that small areas of forested wetland are located proximate to the proposed alignment in the northern and southern portions of the project area.

A URS professional wetland scientist conducted a preliminary wetlands investigation along the revised sewer alignment on January 9, 2012. Weather conditions were clear and dry with no snow cover. The new sewer alignment avoids wetlands originally delineated in the southern portion of the project area. Based on wet ground surface conditions and/or the presence of wetland vegetation, the new alignment would cross approximately 1,675 linear feet of potential wetland areas. The project would be authorized under U.S. Army Corps of Engineers Nationwide Permit No. 12 (utility line crossings) because no permanent fill would be placed in a wetland and the original topographic contours and topsoil position in the soil profile would be restored. If the project were to cross more than 500 linear feet of a single wetland, a Pre-Construction Notification (PCN) would need to be filed with the Corps. The PCN general conditions require that a federal jurisdictional wetland delineation be part of the PCN.

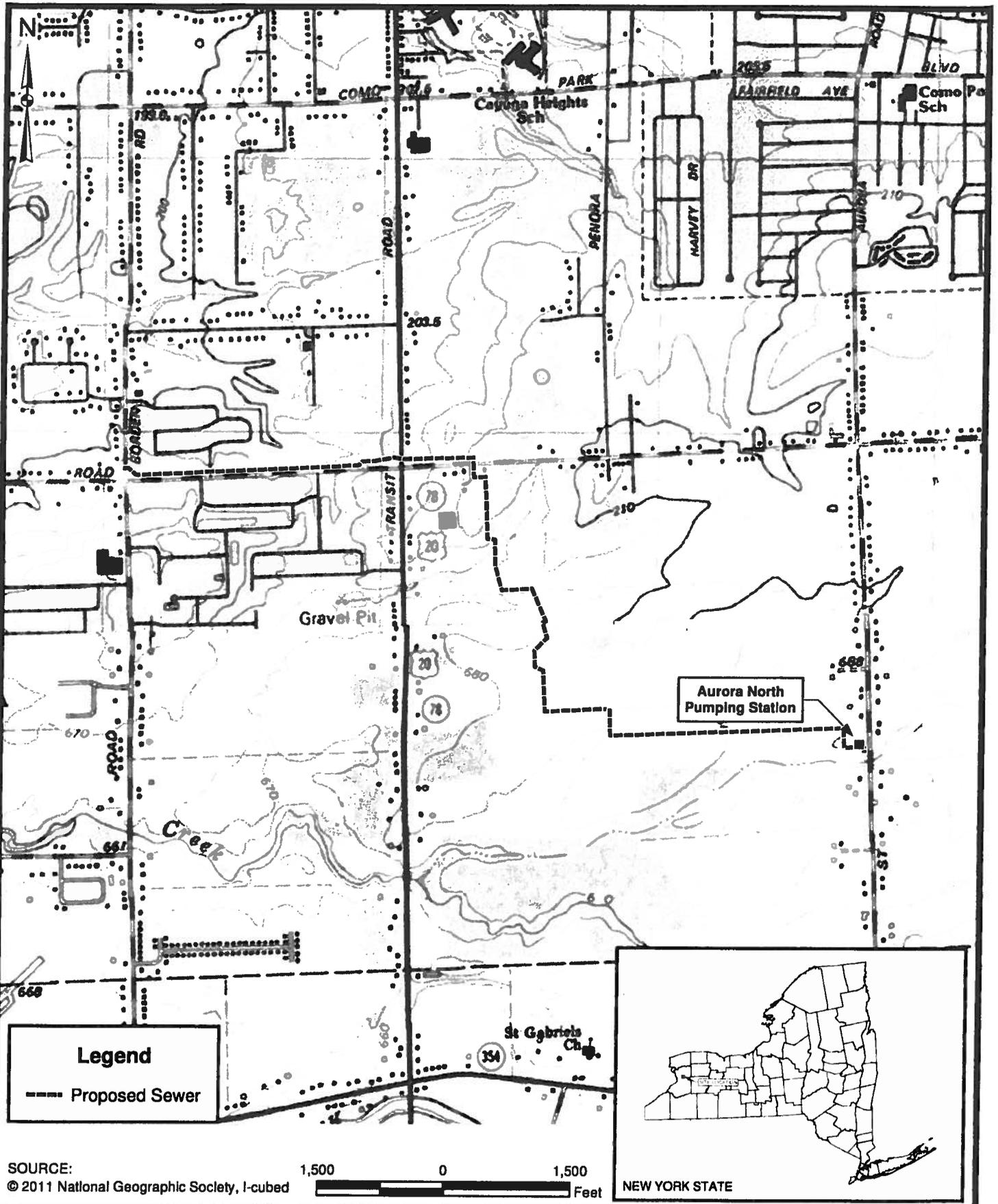
19. **Critical Environmental Areas:** According to the New York State Department of Environmental Conservation website, there are no Critical Environmental Areas in the project area. Three CEAs are located in the Town of Cheektowaga; however none are along the project area.
20. **Solid and Hazardous Waste Disposal:** The New York State Department of Environmental Conservation Inactive Hazardous Waste Site registry indicates that there are no listed sites in the project area (Exhibit H).

## **B. PROJECT DESCRIPTION**

- 1a. **Acreege Controlled by Project Sponsor:** As discussed above in number A-2, approximately 8.46 acres will be within easement.
- 1b. **Project Development:** Within the easement areas, approximately 3.46 acres will be disturbed. The area of disturbance was calculated by multiplying the approximate length of the Project (12,543± ft.) times the anticipated width of the disturbed area (12 ft.). A major part of the Project is the installation of 12,543 ± ft. of gravity sewer and the decommissioning of Aurora North Pumping Station. The possibility exists for two

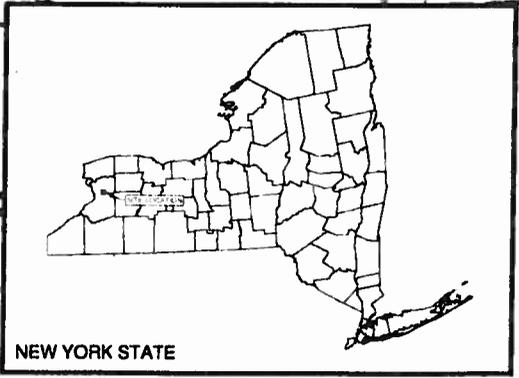
private pumping stations to be abandoned and having their service areas tied in with the proposed gravity sewer. Once installed, the disturbed area will be restored to preconstruction contours and re-vegetated as appropriate.

- 1c. **Undeveloped Land:** Development is limited to installation of the 21" and 24" sanitary sewer. No permanent significant aboveground structures will be constructed within the County's easements.
2. **Natural Material:** Excavated trench material displaced by installation of pipe and bedding material will be removed from the site. Assuming 12,543± ft of sewer lines, a trench width of 4.5 ft., and 4.5 ft. of bedding material and miscellaneous areas where soil will be removed, the net amount of material to be removed from the site would be approximately 9,400 cubic yards.
- 3a. **Reclamation:** Disturbed areas will be graded and seeded where necessary or returned to pre-construction conditions in areas not landscaped.
4. **Vegetation Removed from Site:** Clearing and grubbing along the sewer route will occur. Cleared vegetation and trees will be removed from the site and disposed of in an appropriate manner that will not allow the spread of any potential infestations.
8. **Blasting:** Some blasting may be necessary if hard bedrock is encountered along the proposed pipeline installation route. A demolitions or explosive expert licensed by the State of New York will perform any blasting necessary and will conduct the blasting in such a manner to ensure the complete safety of the public and to prevent property damage.
13. **Subsurface Liquid Waste Disposal:** The Project is limited to sanitary sewage collection and does not include treatment. No subsurface waste disposal is proposed as part of the Project.
15. **Flood Plain:** Areas along the North Branch of Slate Bottom Creek are located within a 100-year flood plain (Exhibit I). Manholes, vents, etc. will be constructed in such a way that will prevent floodwaters from gaining entrance into the sewer system such as by utilizing waterproof manhole covers. As no structures are proposed, there will be no change in the mapped flood plain.



**Legend**

--- Proposed Sewer



SOURCE: © 2011 National Geographic Society, I-cubed

1,500 0 1,500 Feet

A11175885DBGISMAPSA - PROJECT LOCATION.mxd 1/19/2012 YF

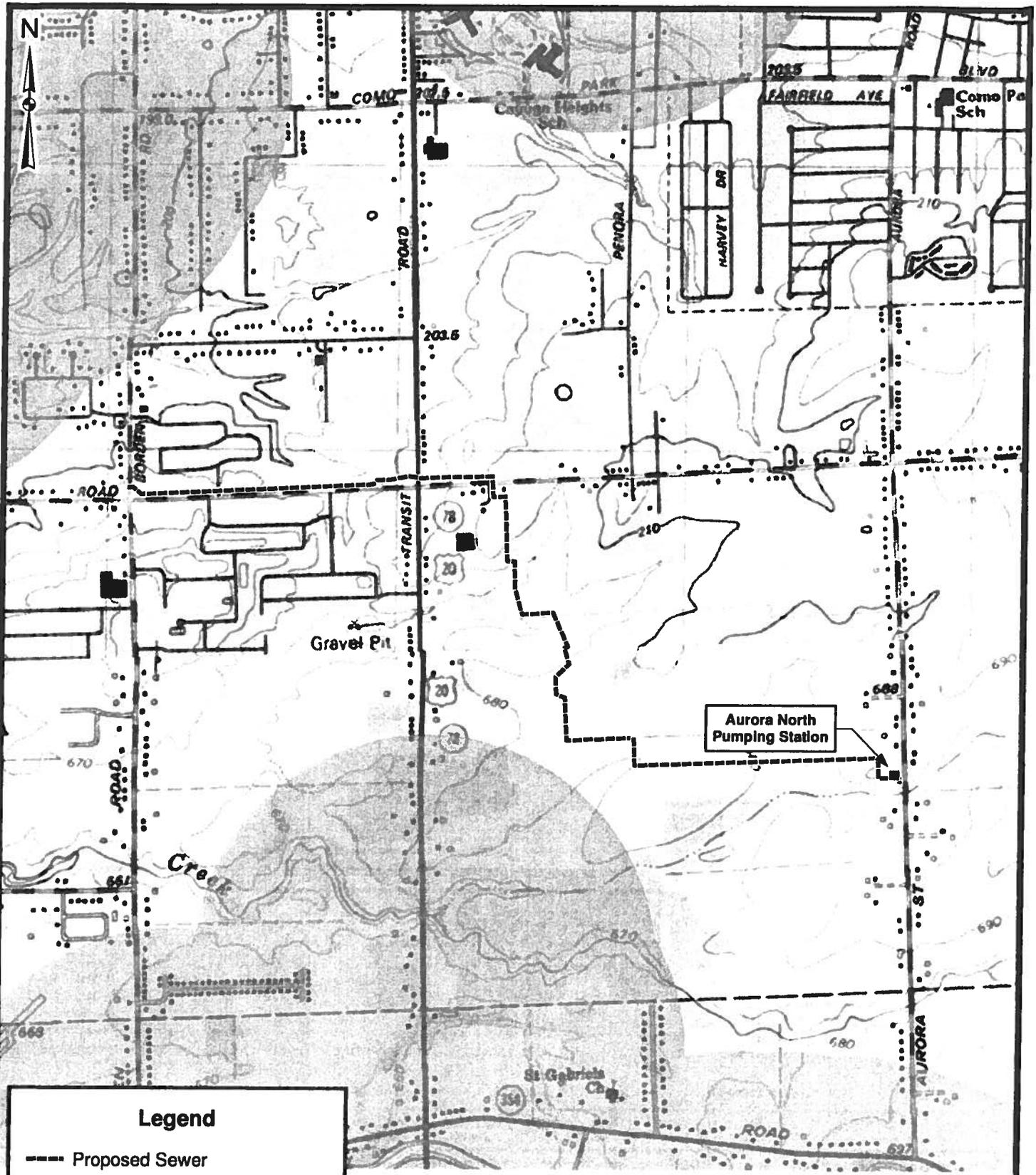


**PROJECT LOCATION MAP**

AURORA NORTH  
PUMP STATION ELIMINATION PROJECT  
ERIE COUNTY, NY

**EXHIBIT A**  
**JANUARY 2012**

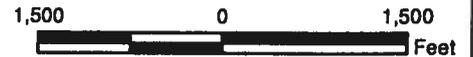




**Legend**

-  Proposed Sewer
-  National Register Listed Sites
-  Archeologically Sensitive Areas

SOURCE:  
 - © 2011 National Geographic Society, I-cubed  
 - NYS Historic Preservation Office, 2009



I:\1175865\B\GIS\MAPS\C - CULTURAL RESOURCES.mxd 1/23/2012 YF

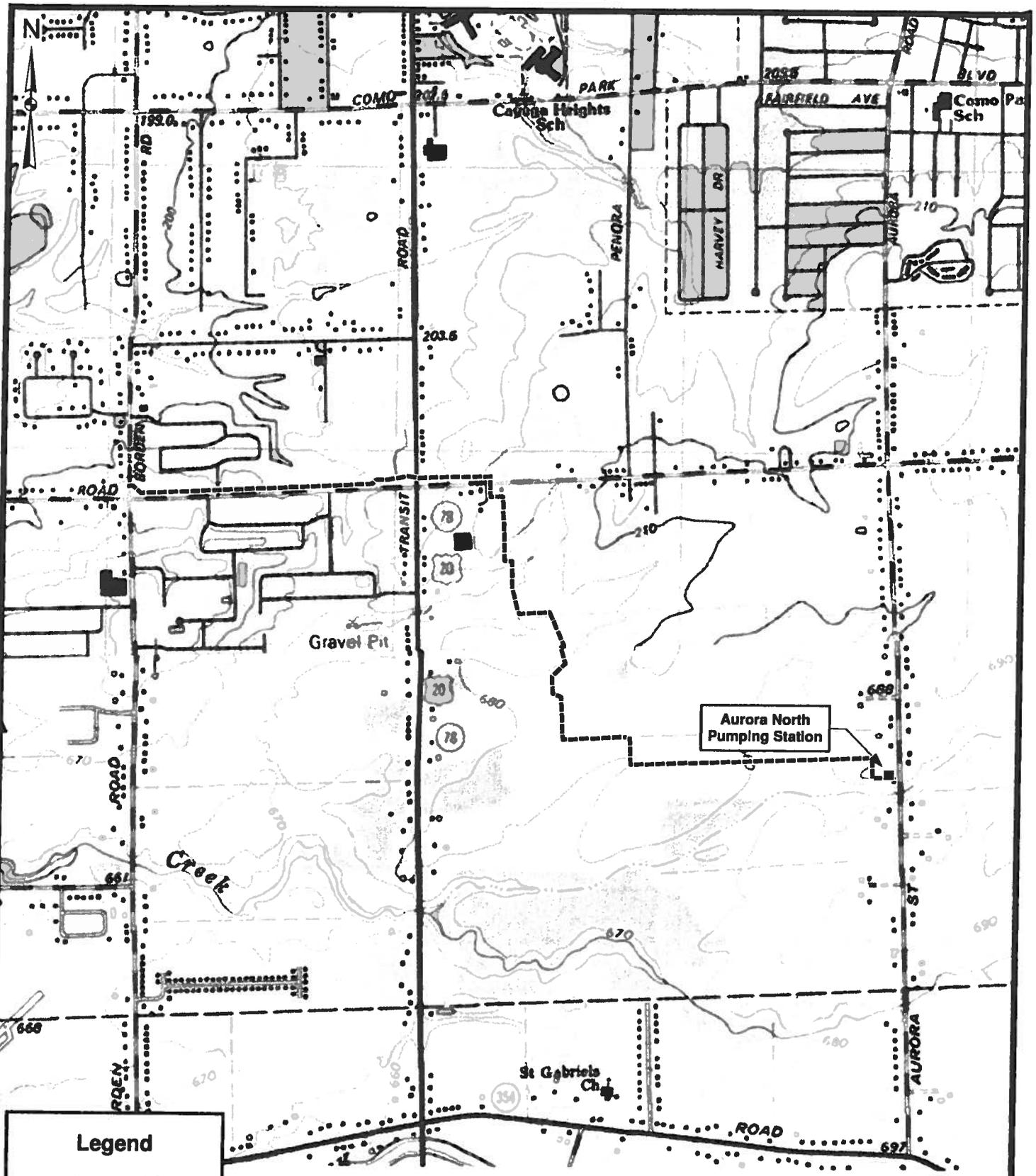


**CULTURAL RESOURCES MAP**

AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

**EXHIBIT C  
 JANUARY 2012**

E:\1175855\B\GIS\MAPS\ID-AQUIFER.mxd 1/20/2012 YF



**Legend**

- Proposed Sewer
- NYS Aquifer

SOURCE:  
 - © 2011 National Geographic Society, i-cubed  
 - USGS/ NYSDEC Unconsolidated Aquifers, 2011

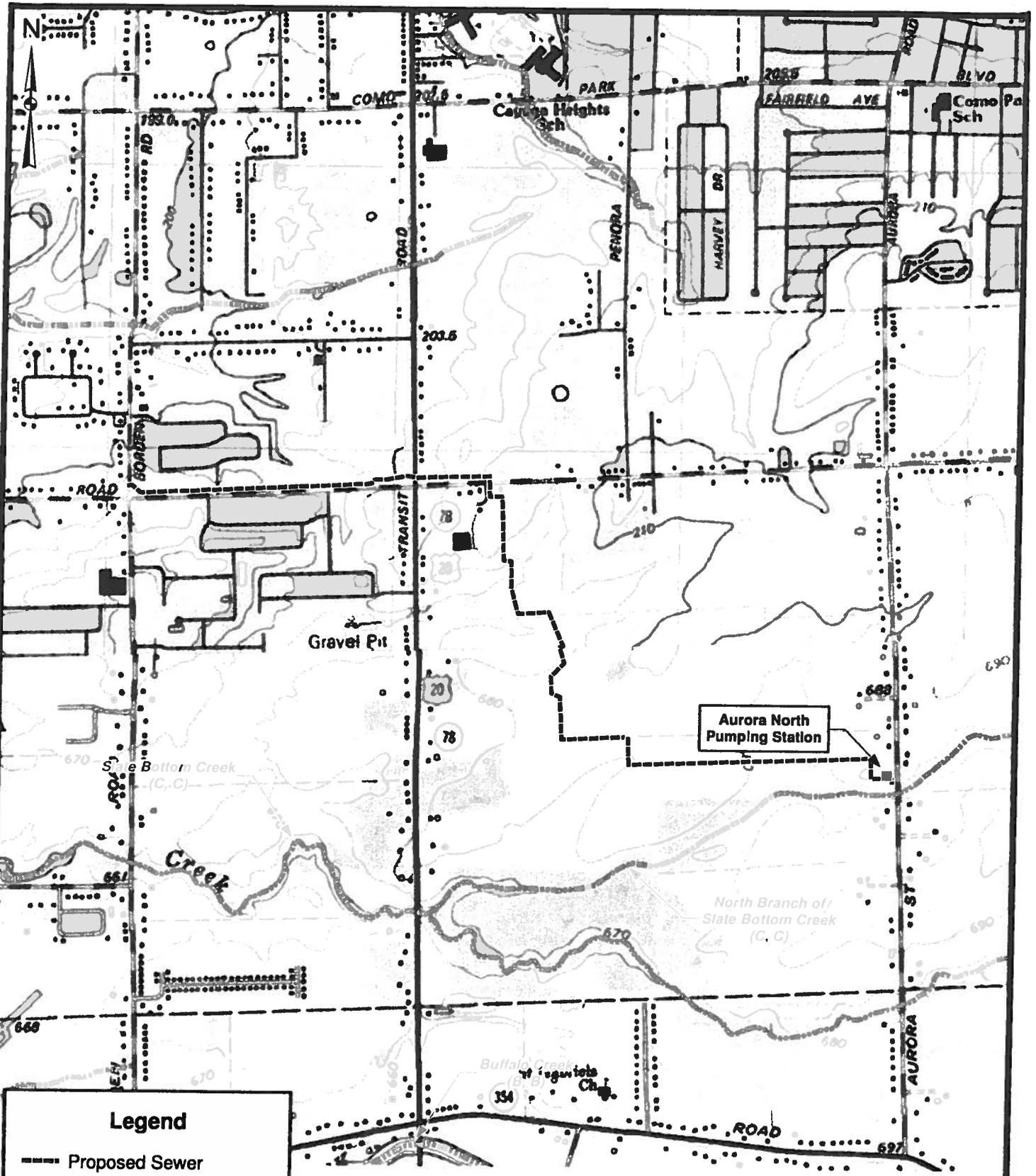


**NYS AQUIFER MAP**

AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

**EXHIBIT D**  
**JANUARY 2012**

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**Legend**

- Proposed Sewer
- Streams (Classification, Standard)

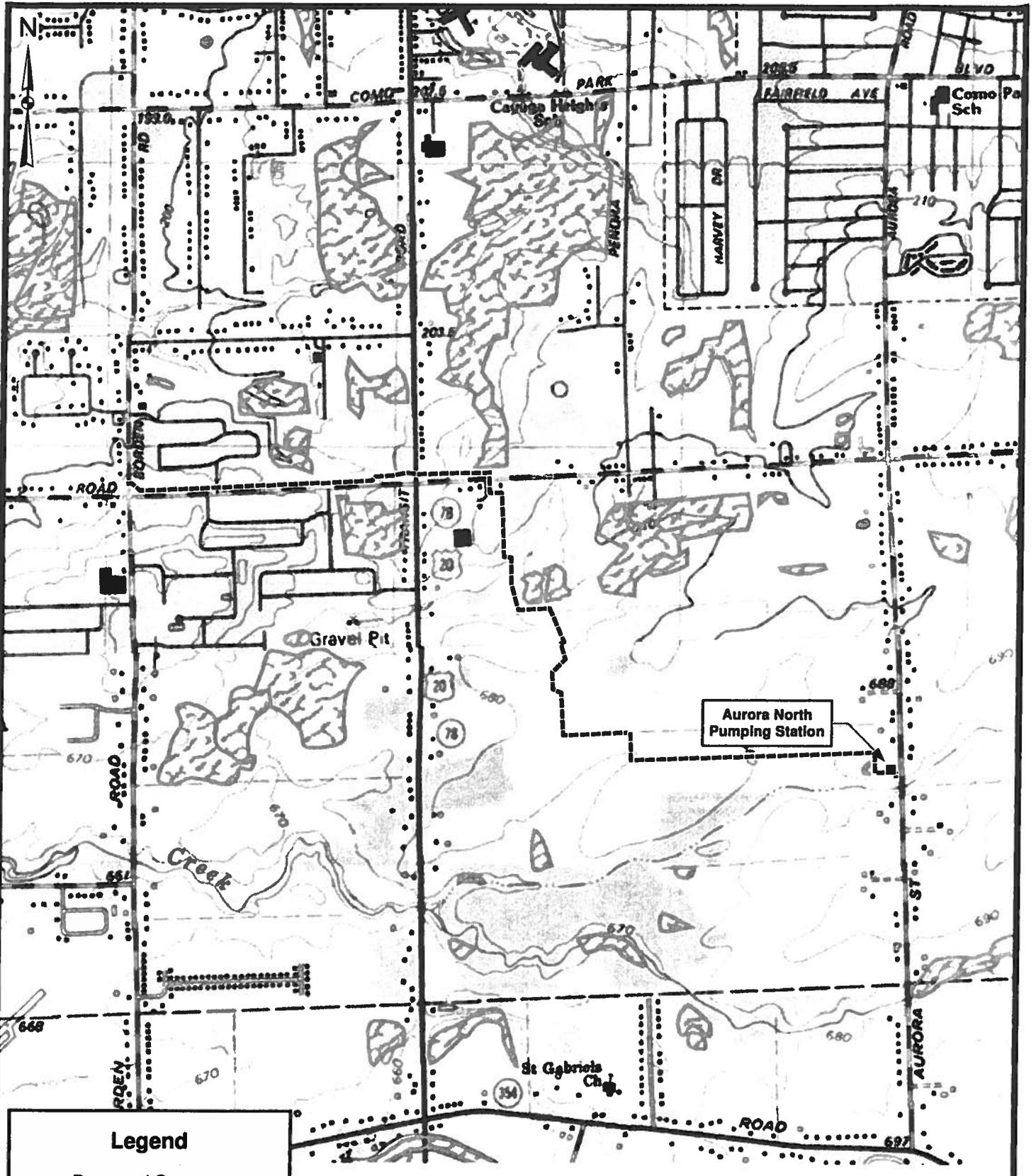
SOURCE:  
 - © 2011 National Geographic Society, i-cubed  
 - NYSDEC Water Quality Classifications (6NYCRR), 2010



**NYS STREAM CLASSIFICATION MAP**

**AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY**

**EXHIBIT E  
 JANUARY 2012**



**Legend**

-  Proposed Sewer
-  USF&WS NWI Wetlands

SOURCE:  
 - © 2011 National Geographic Society, I-cubed  
 - USF&WS National Wetlands Inventory, 2011



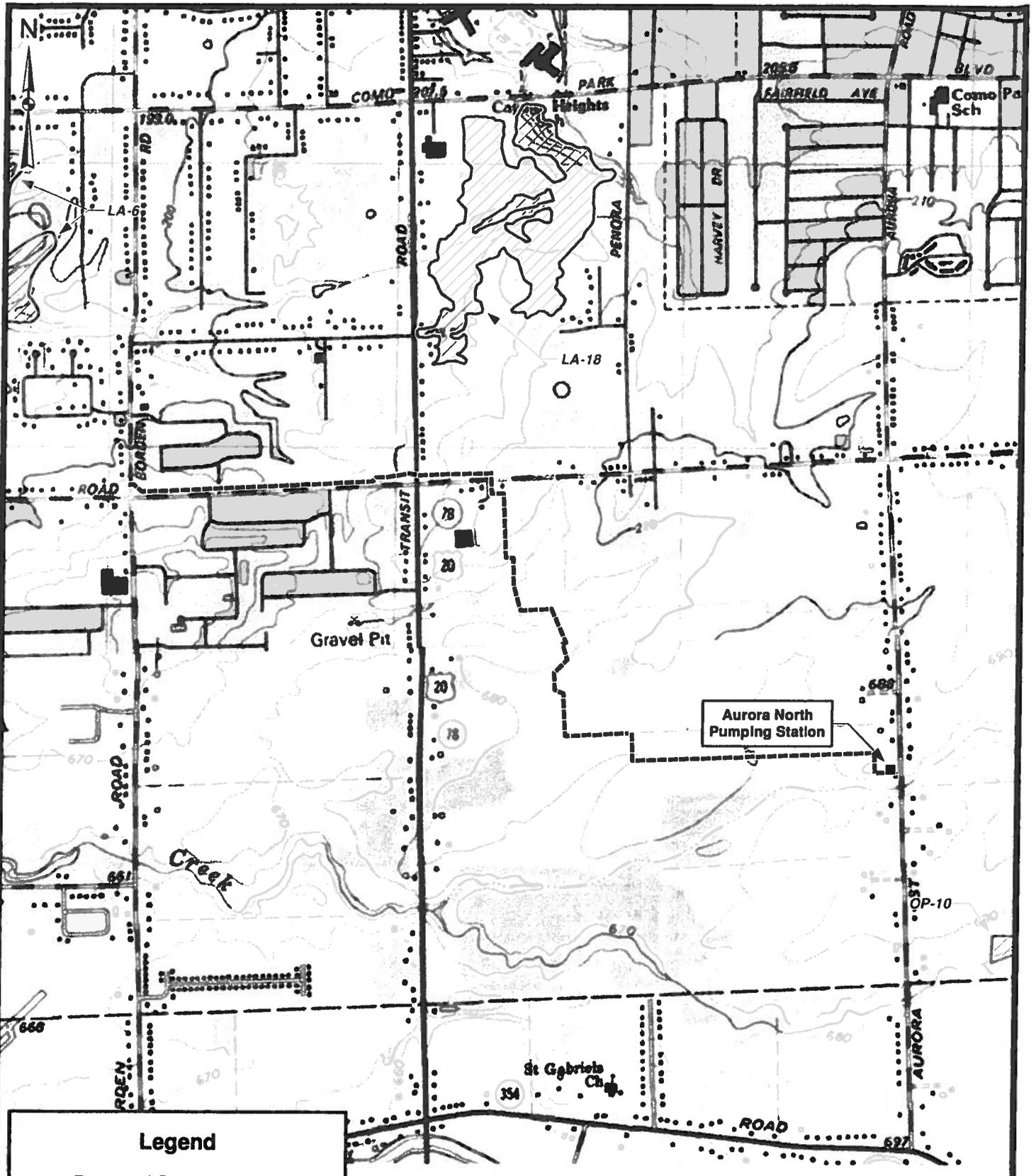
E:\1175865\GIS\MAPSF - NWI.mxd 1/20/2012 YF



**U.S. FISH & WILDLIFE SERVICE  
 NATIONAL WETLANDS INVENTORY MAP**

AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

**EXHIBIT F  
 JANUARY 2012**



**Legend**

- Proposed Sewer
- NYSDEC Freshwater Wetlands

SOURCE:  
 - © 2011 National Geographic Society, I-cubed  
 - NYSDEC Freshwater Wetlands, 2012



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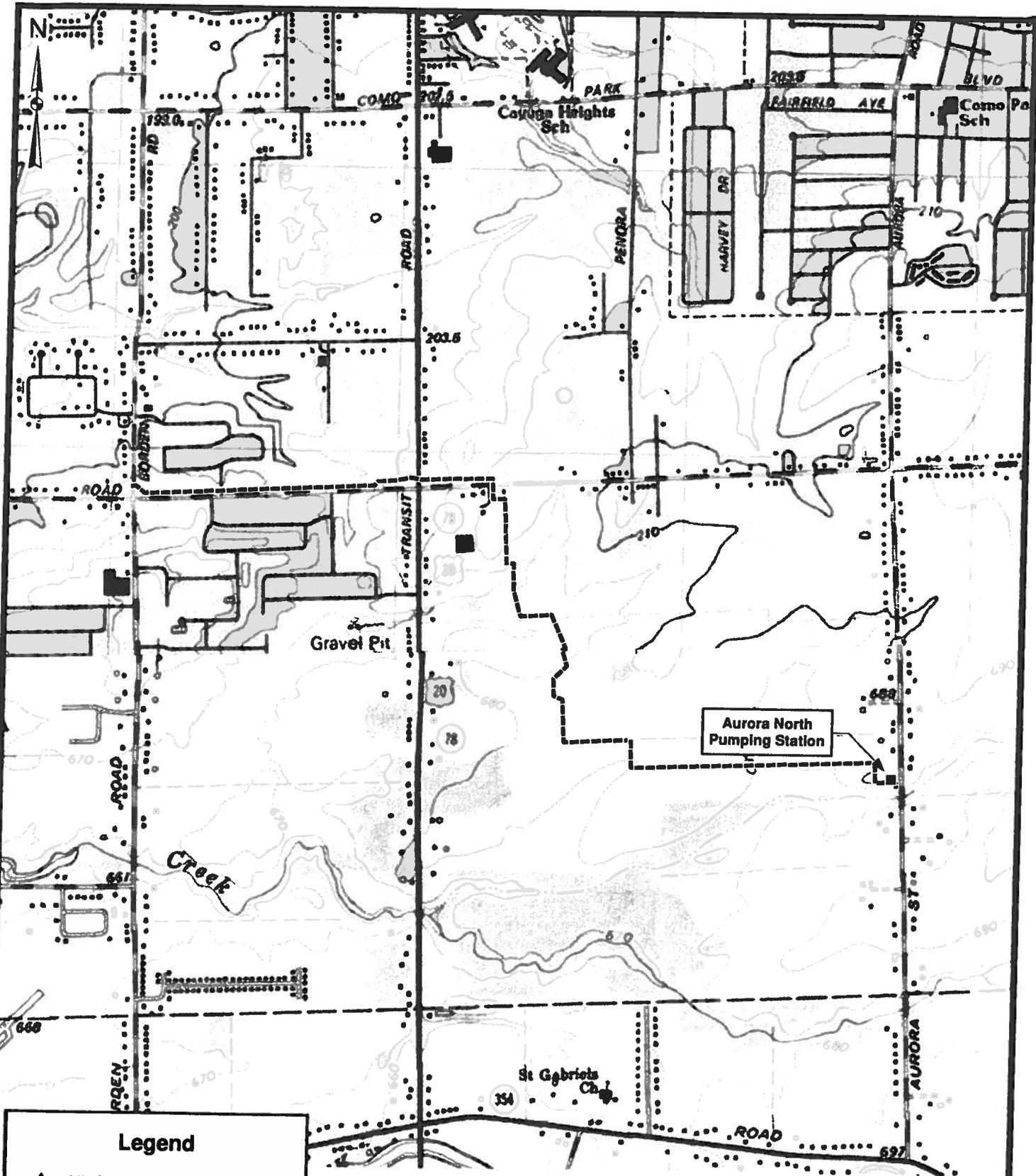


**NYSDEC STATE WETLANDS MAP**

AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

**EXHIBIT G**  
**JANUARY 2012**

11175885DBVIGISMAPSH - HAZARDOUS WASTE.mxd 1/20/2012 YF



**Legend**

- NYSDEC Remediation Site
- Proposed Sewer

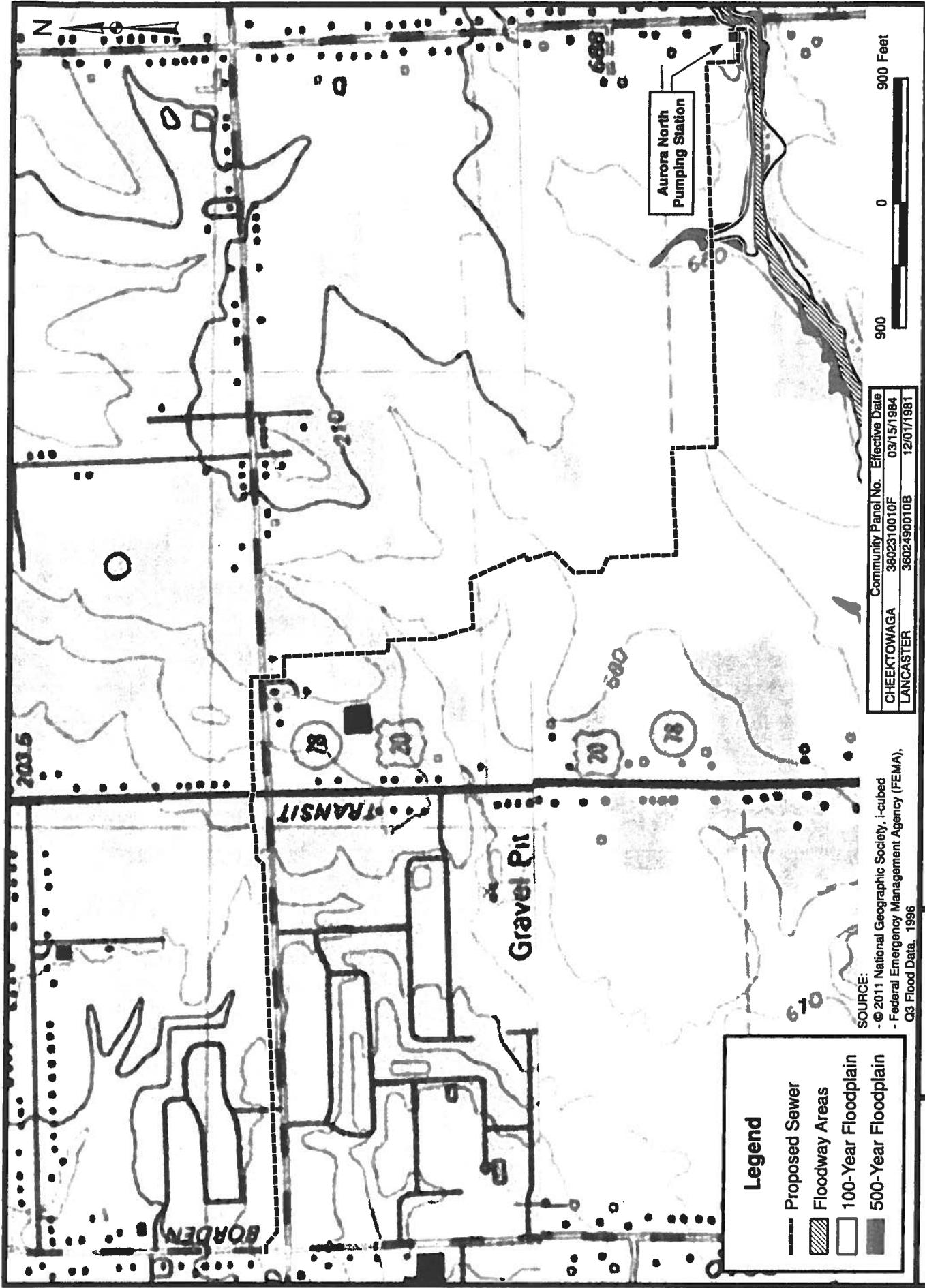
SOURCE:  
 - © 2011 National Geographic Society, I-cubed  
 - NYSDEC Environmental Remediation Sites Database, 2008



**NYSDEC INACTIVE HAZARDOUS WASTE SITES REGISTRY MAP**

AURORA NORTH  
 PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

**EXHIBIT H  
 JANUARY 2012**



**Legend**

- Proposed Sewer
- Floodway Areas
- 100-Year Floodplain
- 500-Year Floodplain

SOURCE:  
 - © 2011 National Geographic Society, i-cubed  
 - Federal Emergency Management Agency (FEMA),  
 Q3 Flood Data, 1996

Community Panel No.	Effective Date
CHEEKTOWAGA 3602310010F	03/15/1984
LANCASTER 3602490010B	12/01/1981



FEMA FLOOD HAZARD MAP

AURORA NORTH PUMP STATION ELIMINATION PROJECT  
 ERIE COUNTY, NY

EXHIBIT I  
 JANUARY 2012



## New York State Office of Parks, Recreation and Historic Preservation

Historic Preservation Field Services Bureau • Peebles Island, PO Box 189, Waterford, New York 12188-0189

518-237-8643

www.nysparks.com

David A. Paterson  
Governor

Carol Ash  
Commissioner

April 02, 2009

Thomas Connare  
URS Corporation  
77 Goodell Street  
Buffalo, New York 14203

Re: CORPS  
Aurora Sewer Project  
Borden Road to Aurora Street  
CHEEKTOWAGA, Erie  
LANCASTER, Erie County  
09PR01588

Dear Mr. Connare:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the SHPO's opinion that your project will have No Effect upon cultural resources in or eligible for inclusion in the National Registers of Historic Places.

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

Sincerely,

Ruth L. Pierpont  
Director



**New York State Office of Parks,  
Recreation and Historic Preservation**

Historic Preservation Field Services Bureau • Peebles Island, PO Box 189, Waterford, New York 12188-0189

518-237-8643

www.nysparks.com

**Andrew M. Cuomo**  
Governor

**Rose Harvey**  
Commissioner

February 15, 2012

Gary Palumbo  
URS Corporation  
77 Goodell Street  
Buffalo, New York 14203

Re: CORPS  
Aurora North Sewer Project - 2012 Project  
Modification/Borden Road to Aurora  
Towns of Cheektowaga and Lancaster  
Erie County  
09PR01588

Dear Mr. Palumbo:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the SHPO's opinion that your project will continue to have **No Effect** upon cultural resources in or eligible for inclusion in the National Register of Historic Places.

The SHPO appreciates the opportunity to comment on this information. Further consultation with the SHPO is recommended if there are any changes to the project. Please telephone me at ext. 3280 with any questions you may have. Please also refer to the PR# above in any future correspondence for this project.

Sincerely,

Nancy Herter  
Scientist, Archaeology