

B U F F A L O
SEWER AUTHORITY

ATTACHMENT G

SEQR Full Environmental Assessment Form
Part I – Project and Setting
Delavan Trunk Sewer Improvements Project

Attachment A. Supplemental Information

B. Government Approvals

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees (Y,N)		
b. City, Town or Village Planning Board or Commission (Y,N)		
c. City, Town or Village Zoning Board of Appeals (Y,N)	City of Buffalo: Special Use Permit	Spring 2025
d. Other local agencies (Y,N)	City of Buffalo Bureau of Forestry Tree Work Permit; Building Permits	Summer 2025 through Winter 2026
e. County agencies (Y,N)	Erie County Department of Health - Sewer/Wastewater/Construction Permitting	Spring 2025 through Winter 2026
f. Regional agencies (Y,N)		
g. State agencies (Y,N)	NYNHP– Consultation NYSOPRHP- Consultation NYSEFC – Clean Water State Revolving Fund NYSDEC - SPDES General Permit, Solid Waste Management Facilities Permit, Beneficial Use Permit NYSDOT – Special Hauling Permits	Spring 2025 through Winter 2026
h. Federal agencies (Y,N)		

C. Planning and Zoning

- 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*

Framework for Regional Growth Erie + Niagara Counties, New York (2016)

The Framework for Regional Growth was published in October 2016. The plan describes that there was a gap region-wide for conservation, development, and public investment therefore Erie & Niagara Counties partnered to create a Framework that would be a vision for the region over the next 15 years. The Framework outlines 7 policies: (1) A Vital Economy; (2) Sustainable Neighborhoods; (3) Strong Rural Communities; (4) Improved Access & Mobility; (5) Efficient Systems & Services; (6) Effective Regional Stewardship; and (7) Conserved Natural & Cultural Assets. The proposed action would align with the

policies listed above by supporting the conservation of overall health the Scajaquada Creek since it is a pertinent natural resource within the region.

City of Buffalo Land Use Plan (2016)

The City of Buffalo Land Use Plan was based off the Buffalo Green Code which is a place-based economic development strategy designed to implement the city's Comprehensive Plan. The plan outlines 3 objectives, (1) Grow the Economy; (2) Strengthen Neighborhoods; and (3) Repair the Environment. By reducing combined sewer outflow activations to the Scajaquada Creek, the Proposed Action would support repair of the environment. In addition, a community betterment project is planned in conjunction with the proposed action which may help to meet the objectives of the City of Buffalo Land Use Plan.

City of Buffalo 2020-2024 Consolidated Plan (2020)

The purpose of the Consolidated Plan is to address priority needs involving housing and community development activities which are locally identified by the City. The Plan outlines three main goals which range from providing decent and affordable housing, to providing suitable living environment, and expanding economic opportunities such as job creation. Part of the proposed action includes community betterment initiatives such as sewer lateral replacements from the sewer mains to the City's right-of-way; water service line replacements for all identified lead and galvanized service water lines within the project limits; separation of sanitary sewer and stormwater sewer pipes; and streetscape improvements including landscaping plans, and roadway, curb, and sidewalk pavement replacement within the project limits. Community betterment initiatives may also focus on other projects to expand economic opportunities for the neighborhoods surrounding the project site. These community betterment initiatives would enable improved suitable living environment for surrounding residents around the project site in line with goals of the Consolidated Plan.

City of Buffalo 2023-2027 Four-Year Strategic Plan: Building an Equitable City

The purpose of the Strategic Plan is to help the City of Buffalo in ensuring continued revitalization plans, the Plan focuses on four elements: (1) thriving neighborhoods and people; (2) smart and sustainable infrastructure; (3) climate resilience; and (4) economic opportunities and mobility. The proposed project would support climate resilience by supporting the overall health and environmental conditions of receiving waterbodies such as the Scajaquada Creek over a 20-year period. The community betterment project that will be included as part of the proposed action may offer an opportunity to support economic opportunities and mobility for area residents.

D. Project Details

D.1 Proposed and Potential Development

b. a. Total acreage of the site of the proposed action?

Response: Alternative A would have a total acreage of 0.64 acres, the bulk of which is located below ground.
Alternative B would have a total acreage of 0.94 acres, the bulk of which is located below ground.

b. b. Total acreage to be physically disturbed?

Response: Alternative A would have a total acreage of ground disturbance of 1.42 acres.

Alternative B would have a total acreage of ground disturbance of 1.15 acres.

- b. c. *Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?*

Response: Any work not located within the right of way of Delavan, Florida and Spillman Avenues is owned by Canisius University and property easement discussions are underway.

- e. *Will the proposed action be constructed in multiple phases?* **No**

- e. i. *If No, anticipated period of construction:*

Response: Alternative A: 24 months

Alternative B: 36 months

D.2. Project Operations

- a. *Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)* **Yes**

If Yes:

- i. *What is the purpose of the excavation or dredging?*

Response: The purpose for excavation for Alternative A is to construct a deep offline storage tank below the Canisius University Surface Parking Lot. The depth being excavated within the bedrock would be minimized while confirming the storage basin is deep enough to accommodate parking lot site improvements such as landscaping and buried electric conduits. The purpose of the excavation for Alternative B is to excavate below ground to place the 14-foot diameter drill and blast tunnel.

- ii. *How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume (specify tons or cubic yards):*

Response: Alternative A= 23,612 CY, Alternative B = 21,016 CY

Over what duration of time?

Response: Alternative A = 1 year, Alternative B = 2 years

- iii. *Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.*

Response: Excavated material will consist of soil, silt, and clay during surface excavation and limestone bedrock. Excavated material will be tested onsite for contamination. All excavated material will be stored and removed from site according to ASTM and sediment/erosion control standards.

- iv. *Will there be onsite dewatering or processing of excavated materials?* **Yes**

If yes, describe.

- v. *What is the total area to be dredged or excavated?*

Response: Alternative A has a total area of 0.64 acres to be excavated.

Alternative B has a total area of 0.94 acres to be excavated.

- vi. *What is the maximum area to be worked at any one time?*

Response: The maximum area to be worked at Alternative A at any one time is 1.42 acres

The maximum area to be worked at Alternative B at any one time is 1.15 acres.

- vii. *What would be the maximum depth of excavation or dredging?*

Response: The maximum depth of excavation for Alternatives A and B is 55 feet below the ground surface.

viii. *Will the excavation require blasting?*

Response: Both Alternatives A and B will require blasting.

ix. *Summarize site reclamation goals and plan:*

Response: Any temporarily disturbed areas would be restored to its existing conditions for both Alternatives A and B (i.e., roadway and sidewalk repair, grass reseeding, etc.). A tree work permit including any tree removals and/or tree plantings will be required during detailed design in accordance with the requirements of the City of Buffalo Bureau of Forestry.

l. *Hours of Operation*

i. *During Construction: Monday – Friday*

Response: Where appropriate, some activities may require nighttime work to minimize disruptions to traffic due to lane closures that may be required on Delavan to facilitate the proposed action. These work periods will be coordinated with the City of Buffalo.

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***

iv. *Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?*

Response: The feasibility of minimizing impervious surfaces in the project area will be explored as design of the project advances.

o. *Does the proposed action have the potential to produce odors for more than one hour per day? If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:*

Response: Sources of odor for both Alternative A and B would facilitate storage of Combined Sewer Flow and there is a potential for odors to be emitted in the vicinity of the project sites. However, an odor control system would be installed for each alternative to reduce the occurrence of nuisance odors. The potential frequency and duration of odor emissions will be determined and disclosed as part of an Odor Control Study for the project.

E. Site and Setting of Proposed Action

E.2. Natural Resources On or Near Project Site

a. *What is the average depth to bedrock on the project site?*

Response: Alternative A: >6.5 feet

Alternative B: >6.5 feet

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

Response: Alternative A

Urban Land

88.1%

Urban Land Cayuga Complex

11.9%

Alternative B

Urban Land	16.8%
Urban Land Cayuga Complex	67.1%
Urban land-Collamer complex, 1 to 6 percent slopes	16.1%

d. *What is the average depth to the water table on the project site?*

Response: Alternative A: >6.5 feet
Alternative B: >6.5 feet

e. *Drainage status of project site soils:*

Response: Alternative A

Well Drained	0%
Moderately Well Drained (X)	11.9%
Poorly Drained	0%

Alternative B

Well Drained	0%
Moderately Well Drained (X)	83.2%
Poorly Drained	0%

f. *Approximate proportion of proposed action site with slopes:*

Response: Alternative A

0-10% (X)	11.9%
10-15%	0%
15% or greater	0%

Alternative B

0-10% (X)	83.2%
10-15%	0%
15% or greater	0%