

B U F F A L O
SEWER AUTHORITY

ATTACHMENT G-1

**Full Environmental Assessment Form (FEAF)
Part 3 - Determination of Significance**

Lead Agency: Buffalo Sewer Authority

Project: Michigan Ave - CSO053_14 SPP175, 176, 177 Modification

Proposed Activity:

This project is a Sewer Patrol Point (SPP) modification to raise the weir points at the intersection of Michigan Avenue and Dodge Street, Michigan Avenue and Riley Street, and at the intersection of Michigan Avenue and Glenwood Avenue. The three SPPs are similar in configuration with dry weather flow conveyed north straight through the chamber, while higher flows overtop a weir and are conveyed east in conduits along the respective cross streets.

Background:

The BSA entered into an Administrative Order (AO) with New York State Department of Environmental Conservation (DEC) and the United States Environmental Protection Agency (EPA) as part of their approved Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) that was approved on March 18, 2014. The purpose of the LTCP is to reduce CSO activations within the existing collection system and to alleviate flow spikes for influent flow to the wastewater treatment facility.

Compliance with the LTCP is defined by the number of activations allowed in the typical precipitation year for the Sewer Patrol Point's (SPP's) receiving waterbody as determined by BSA's collection system hydraulic model. Following the approval of the LTCP in 2014 by the regulatory agencies, the collection system hydraulic model used in the LTCP was updated and recalibrated to reflect current system conditions. The updated and re-calibrated LTCP (now re-named the Queen City Clean Waters Program) model suggested that some projects originally envisioned in the 2014 LTCP are no longer feasible and that other planned projects can be further optimized to meet targets. The BSA undertook an optimization process that defined many projects within a Selected Alternative.

Pursuant to the State Environmental Quality Review Act ("SEQRA") and 6 NYCRR 617.6(b)(3)(i), BSA has prepared this Significance Statement for the Michigan Ave - CSO053_14 SPP175, 176, 177 Modification

Agency Coordination:

Ten potentially involved agencies were identified. SEQR project materials were prepared and sent: City of Buffalo Common Council (Masten District), City of Buffalo Department of Public Works (Parks & Streets – Parks, Parks & Streets - City Engineer), New York State Department of State - Coastal Management Program, New York State Department of Transportation – Region 5, New York State Department of Environmental Conservation - Region 9, City of Buffalo Office of Strategic Planning, City of Buffalo Water Authority, Erie County Department of Health, Buffalo Environmental Management Commission, U.S. Fish and Wildlife Service. No agencies objected to the BSA serving as Lead Agency or expressed concern with the project.

Agency Consultations:

A consultation was made with the US Fish and Wildlife Service Information for Planning and Consultation (IPaC) system. The project site is located within the vicinity of four (4) listed endangered/proposed endangered species: the Northern Long Eared Bat, the Tricolored Bat, the Salamander Mussel, and the Monarch Butterfly. The site is also located within the vicinity of two (2) protected eagle species and twenty-three (23) bird species that are listed on the US Fish and Wildlife Service (USFWS) Birds of Conservation Concern list. There are no critical habitats in the vicinity or the project site. USFW issued a letter stating the project is not reasonably certain to cause incidental take of any endangered species.

A consultation was not required with the New York State Parks, Recreation and Historic Preservation – Office of Parks, Recreation and Historic Preservation (OPRHP) because this project does not involve any land disturbance and is not located within the vicinity of historic building or structures.

The site did not require consultation with the NY State Natural Heritage Program (NHP) as the site does not contain a designated significant natural community or contain any species that NYS lists as species of special concern. The SEQR project materials and correspondence from responding agencies is included as an attachment to this document.

Analysis of Impacts:

Using the information provided in the Full Environmental Assessment Form (FEAF) Part 1, project impacts were evaluated for each of the 18-areas identified in the FEAF Part 2. Impacts were evaluated based on magnitude, duration, and likelihood of occurring. No potential impacts were identified. This is due to the nature of the sewer project, which is occurring entirely within the sewer structure and does not involve land disturbance.

Determination of Significance:

In determining the significance of this project, it is important to emphasize the long-term benefits it will have on the overall public health of Buffalo and its citizens. By reducing Combined Sewer Overflow (CSO) activations as part of the BSA's compliance with the LTCP, the project directly contributes to improved water quality in Buffalo's receiving waterbodies, reducing pollutants and contaminants entering the local waterways. The decrease in overflow events also alleviates the stress on the wastewater treatment facility, ensuring more reliable and effective wastewater management for the community.

The analysis of the project to raise the weirs reveals no significant adverse environmental impacts. The project will improve the management of wastewater and stormwater, resulting in reduced combined sewer overflows and improved water quality. All construction activities will be temporary and confined to existing underground infrastructure, ensuring minimal disruption to the environment and the surrounding community. The project is consistent with community plans and will have a positive impact on human health by reducing water contamination.

With consideration of the aforementioned environmental factors, along with findings from Part 1 and Part 2 of the Full Environmental Assessment Form, the magnitude, importance, duration, and scale of adverse environmental impacts related this project are very low.

Therefore, the lead agency checks "A" on the last page of the Full Environmental Assessment Form, issuing a negative declaration (Neg. Dec) for the action.