



**US Army Corps
of Engineers®**

Eighteen Mile Creek AOC Data Analysis

Project Location: Eighteen Mile Creek originates near the City of Lockport in Niagara County, NY and flows north to Lake Ontario at Olcott harbor. Eighteen Mile Creek was named an Area of Concern under the Great Lakes Water Quality Agreement of 1987. The Eighteen Mile Creek AOC extends from Burt Dam on the upstream side to Olcott Harbor at Lake Ontario on the downstream side.

Description of Problem: The Eighteen Mile Creek AOC overlaps with the Eighteen Mile Creek Superfund Site. The Superfund site consists of contaminated sediments, soil and groundwater associated with former industrial use of the land within the upstream reaches of the watershed. US EPA is addressing the Superfund Site in phases, however immediate obstacles exist towards the removal of Beneficial Use Impairments (BUI's) in the overlapping Area of Concern. These obstacles included documentation of elevated contaminant of concern levels within the water without a direct source correlation.



Proposed Project: Through an assessment of historic data collected in the AOC and overlapping Superfund site, this project will seek to determine what data gaps exist relative to contaminants of concern within the AOC. Following an assessment and mapping of existing data and currently ongoing or planned sampling efforts, USACE will create a report of recommendation to US EPA for future sampling or management actions. The project involves frequent coordination with stakeholders within the AOC Remedial Advisory Committee, Superfund program, and federal partners to inform recommendations and elevate awareness of sampling efforts.

Partners and Collaboration: US EPA, AOC RAC, NYSDEC, USGS, ERDC, EPA Superfund,

Project Benefits: This project will determine possible actions to be taken to further identify character and source of contaminants of concern found within the AOC. This effort will contribute necessary data towards management actions required to remove BUI's with the Eighteen Mile Creek AOC.

Project Status: Stakeholder coordination to obtain all relevant sampling data is underway as of SEP 2019 along with an effort to map historic survey extent. Assessment of collected data will begin in October 2019 and will culminate in a report of recommendation to US EPA in

December 2019.

Estimated Project Costs	
Federal	\$115,000
Non-Federal	\$0
Total	\$115,000

Project Milestones	
Data Gap Analysis and partner coordination	AUG 2019
Data Synthesis and Reporting	DEC 2019
AOC partner engagement	DEC 2019

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