

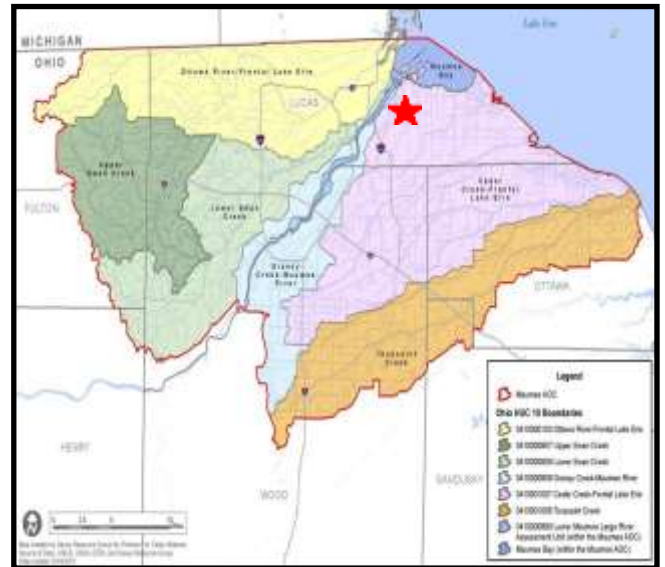


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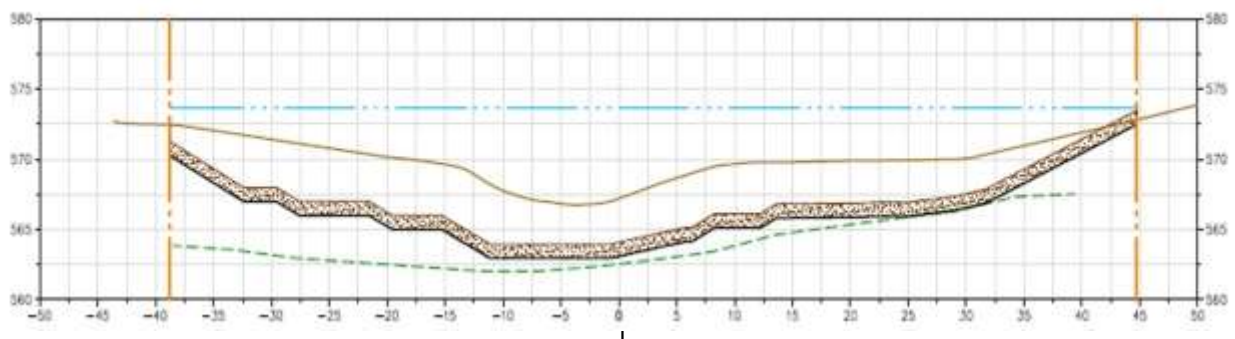
Otter Creek, OH Great Lakes Legacy Act Technical Support

Project Location: Otter Creek is a small stream that runs through a highly industrialized area of Toledo and Oregon, Ohio and discharges into Western Lake Erie which is part of the Maumee Area of Concern (AOC).

Description of Problem: Sediments in the lower 1.7 miles of the creek and parts of its confluence with Maumee Bay contain high levels of bioavailable petroleum hydrocarbons that have been found toxic to benthic organisms.



Proposed Project: The scope of this project involves removing up to 57,500 cubic yards of contaminated sediment by hydraulically dredging the lower 1.7 miles of the creek and parts of its confluence with Maumee Bay. Material will be pumped via a pipeline to a nearby CDF where it will remain indefinitely. A one-foot sand cover will be placed within the freshly dredged creek to promote the re-establishment of the benthic organisms. Habitat structures and plantings will also be installed.



Partners and Collaboration: This is a private-public partnership between USEPA and three petroleum companies. Other important project stakeholders include: Ohio EPA; USFWS; City of Oregon; Toledo-Lucas County Port Authority; and ONDR.

Project Benefits:

- Sediment, toxic to benthic organisms, will be removed from lower Otter Creek and parts of its confluence with Maumee Bay.
- Removal of the Degradation of Aesthetics Beneficial Use Impairment (BUI).
- Indirectly contributes to the removal of the following BUIs: Degradation of Benthos; Degradation on Fish and Wildlife Populations; and Loss of Fish and Wildlife Habitat.
- Improvements to benthic organisms reverberate thru the food web improving the health of other aquatic species.
- Habitat features provide valuable resting and forging areas of fish and other aquatic organisms.
- Sand cover provides a clean substrate and expedites the re-establishment of benthic organisms.



Project Status: The remedial design for this project is nearing completion and a project agreement is underway. Once the agreement has been signed and the design is finalized, a Contract to implement the removal of the sediment will be developed and awarded.

Estimated Project Costs	
Federal	\$5,880,000
Non-Federal	\$3,220,000
Total	\$9,800,000

Point of Contact
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Project Milestones	
Design Finalized	February 2020
Project Agreement Signed	February 2020
Contract Awarded	July 2020
Dredging	Spring 2020
Habitat Features are Installed	Summer 2020
Project is Complete	Fall 2020

