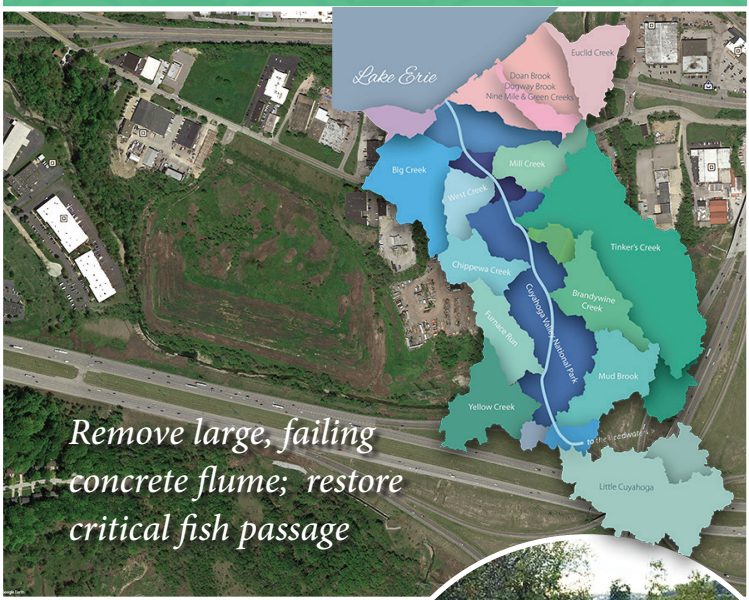
Cuyahoga River AOC Management Actions

PROJECTS PROGRESSING THE AOC TOWARDS DELISTING

WEST CREEK FLUME SPILLWAY



Remove large, failing concrete flume; restore critical fish passage

CUYAHOGA RIVER AOC
AREA OF CONCERN

cuyahogaaoc.org

Managing Agency: USEPA
Implementer: NEORSD

WEST CREEK FLUME SPILLWAY

West Creek (Cuyahoga Heights- Cuyahoga River)
HUC12 #: 41100020604

PROJECT OVERVIEW

The goal of West Creek Stabilization in Brooklyn Heights project is to restore fish passage, enhance ecologically beneficially habitat, and stabilize the streambank by removing the concrete flume and applying a raised-bed approach along the main stem of West Creek. Quantification of fish species showed a 50% decrease from the downstream to upstream end of the flume structure with a continuing decline in an upstream direction. It is evident that the degraded state of the flume and the 3-foot elevation change from the flume to a large stilling basin creates a significant fish passage barrier. Removal of the flume as part of this project will re-establish migration and recruitment from the Cuyahoga River to facilitate the recovery of West Creek biologically. The project will also remove additional fish barriers near the Lancaster Road Bridge and the I-480 culvert to provide complete passage within the entire 6,500 linear feet of the project area.

The AOC has specific targets to meet before it is taken off the list of impaired waters, or "delisted" as outlined by the Great Lakes Water Quality Agreement (GLWQA). The Advisory Committee developed a plan to identify and rectify the Beneficial Use Impairments (BUIs) to categorize criteria for restoration and create benchmarks toward achieving the goals of delisting.

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Learn more about the status of the Cuyahoga River AOC Management Action progress and current state of the delisting efforts at **www.cuyahogaaoc.org**.

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