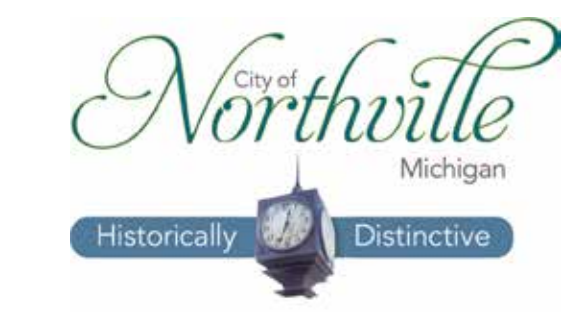
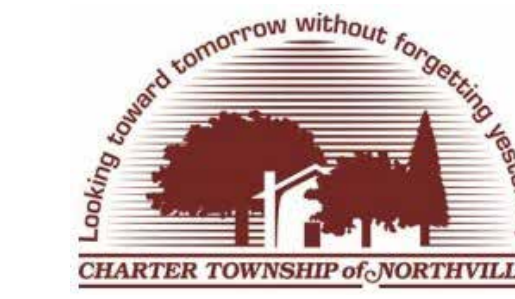


Johnson Creek Fish Hatchery Park Habitat Restoration

Project Partners:



In 2018 the Alliance of Rouge Communities (ARC) received \$1.1M in grant funding from the Great Lakes Restoration Initiative (GLRI) U. S. Environmental Protection Agency (USEPA) for the Johnson Creek – Fish Hatchery Park Habitat Restoration design and implementation project as part of its effort to restore the only remaining cold-water fishery in the Rouge River.

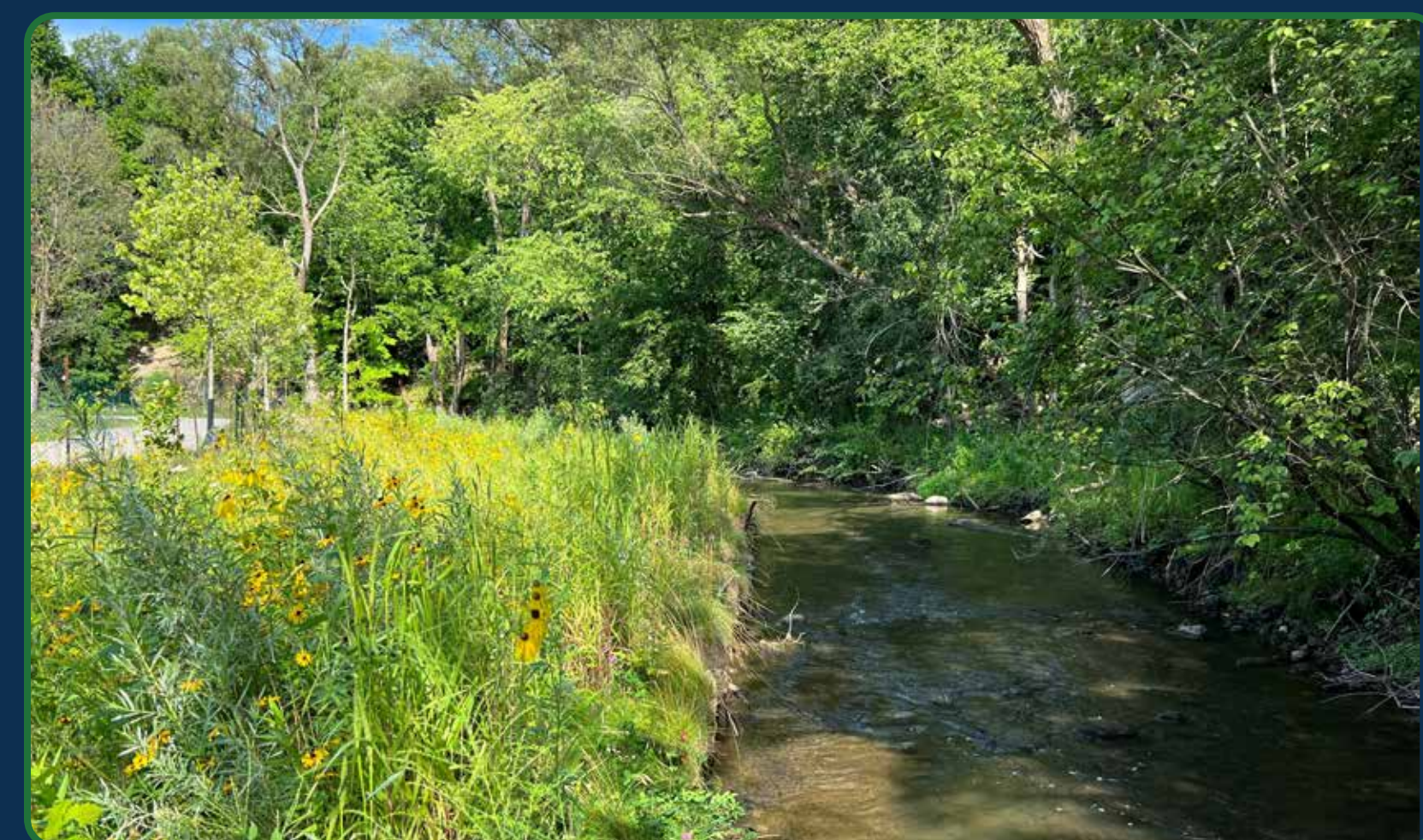
Rouge River Watershed



The Rouge River watershed is a designated Area of Concern (AOC) under the Great Lakes Water Quality Agreement (GLWQA) and has three Beneficial Use Impairments (BUIs) associated with fish and wildlife habitat: *Degraded Fish and Wildlife Populations, Degradation of Benthos, and Loss of Fish and Wildlife Habitat.* The Rouge River Advisory Council (RRAC), the Public Advisory Council (PAC) for the Rouge AOC, in March 2016 approved a list of projects that need to be completed to remove the Rouge AOC habitat BUIs. The Johnson Creek Fish Hatchery Park Habitat Restoration Project is considered to have a significant impact on the removal of the BUIs.

Project Outcomes

- Naturalized & stabilized 1,250 ft. of Johnson Creek's streambank for improved wildlife habitat.
- Removed 2,000 cubic yards of sediment in Fish Hatchery Pond to create deeper water for fish habitat.
- Modified the outlet of the pond to create a fish passage channel between the pond & the creek.
- Installed vegetative swale to filter stormwater from the parking lot before entering the pond.
- Planted over 250 native trees and over 300 native shrubs.



Restored Johnson Creek

BEFORE RESTORATION



AFTER RESTORATION

