



SOUTH NATION
CONSERVATION
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North Castor River Crossing Removal

Project Summary

During the 2015 City Stream Watch Program, South Nation Conservation (SNC) identified two water crossings along the North Castor River that no longer functioned as they were once designed.

Prior to rehabilitation work, the two crossings were acting as barriers to fish migration, sediment traps, increased water temperatures, lowered dissolved oxygen and interferences to water flow.

SNC with assistance from professional and technical staff, private landowners, volunteers and the City of Ottawa, moved and altered the two water crossing and applied restoration techniques to the areas nearby. Restoration work included removing unnatural debris and culverts from the river and placing instream boulders in strategic locations to improve water flow, allowing water to become agitated and oxygenated and providing instream habitat for fish and aquatic species.

Project Highlights:

- 300 trees and shrubs planted along the banks to stabilize and naturalize slopes and to increase local forest cover.
- Interrupted flows in the North Castor River increased from under 2 km to over 4km.
- Increased habitat diversity to benefit Walleye, White sucker, Smallmouth bass and Largemouth bass species.



Before



After