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# Stoodley Stream Restoration Project

The Stoodley Stream Restoration project was completed on a municipal drain on a dairy farm along the South Castor River near Vernon, to improve water quality, biodiversity and fish habitat.

The project involved the creation of a riparian grass buffer, as well as erosion control and habitat enhancement work in select locations along the South Castor Municipal Drain. The project represents a good example of working with multiple partners, including: Alternative Land Use Services (ALUS), Ottawa Rural Clean Water Program, Ottawa Public Works and Services Department, as well as local producers. SNC staff also worked closely with City of Ottawa Municipal Drainage Program staff as sediment removal activities were completed at the same time to facilitate drainage on the farm. Sharing resources and expertise ensured this project was completed effectively (reducing erosion and sedimentation), and efficiently.

## Project Highlights:

- Created a 20 acre grass buffer, that can be mowed 1-2 times per year, and used as feed for livestock.
- Minimized bank erosion and sedimentation along 300-m of the watercourse.
- Increase riparian by planting 1,000 native shrubs & perennials.
- Established project site as Demonstration Site to be used for education and outreach purposes.



*Before*



*Increasing riparian habitat*

Support was provided through the City of Ottawa's Water Environment Strategy, a program designed to protect the health of city waterways, wetlands and groundwater.