

Restoration Programs and Projects

Town of Aurora

April 8th, 2025

Christa Sharp, Manager, Restoration Services



Lake Simcoe Region
conservation authority



Restoration – Funding Opportunities

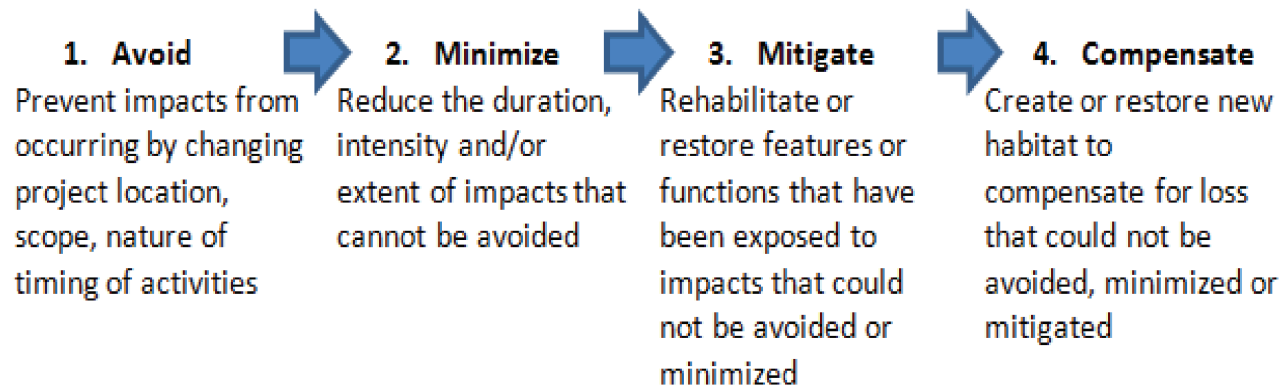
- Restoration Assistance Program
- Offsetting Programs
 - Ecological Offsetting
 - Water Balance
 - Lake Simcoe Phosphorus Offsetting
- Lake Simcoe Conservation Foundation
- Other Grants

Restoration Assistance Program

Projects We Fund	Funding We Offer
Controlling Cropland Erosion	\$5,000
Farm Well Management: Protection & Decommissioning	\$1,500
Clean Water Diversion	\$5,000
Managing Manure	\$20,000
Managing Milkhouse Waste	\$5,000
Planting Cover Crops	\$2,000
Restricting Livestock from Watercourses	\$10,000
Tile Outlet Control Structure	\$2,000
Wash Water Treatment Systems	\$5,000 for de-dirting, \$20,000 for water re-use
Farm Soil & Nutrient Management Planning	\$500, \$1,000 (w/ other project)
Improving Streams and Retrofitting On-line Ponds	\$20,000
Upgrading Septic Systems * conditions apply	\$2,500
Planting Trees & Shrubs	Location-based, up to 90% of project
Enhancing Wildlife Habitat	\$2,500
Wetland Restoration & Enhancement	\$20,000
Grasslands Restoration & Enhancement	\$10,000
Community Action: Community Groups and Schools	\$2,500

Offsetting Policies

- Lake Simcoe Phosphorus Offsetting Policy
- Water Recharge Policy
- Ecological Offsetting Policy



Offsetting Programs

- Wetlands
- Reforestation
- Stormwater Water Pond Retrofits
- Oil and Grit Separators – OGS
- Catch Basin Shields
- Streambank Erosion Projects
- Low Impact Development
 - Bioswales
 - Rain Gardens
 - Permeable Pavers/Pavement/Concrete



Our Restoration Projects

101

restoration
projects
completed



75%

of projects improved
biodiversity



31 hectares of land
restored



73%

of projects addressed
climate change stressors

3960

metres of watercourse
planted/enhanced



1044

volunteers assisted with 26
community planting events



Town of Aurora Accomplishments since 2007

- 114 projects have been completed
 - 9 million in total costs
 - Funding contributions were over 2 million
 - 38.6 kg of phosphorus reduced per year
 - Over 32,000 trees and shrubs planted
 - Over 6 hectares of land restored
 - Over 5.8 km of stream buffered/restored



Devlin Place Stormwater and Stream Restoration



BEFORE



AFTER

Stormwater Pretreatment Devices



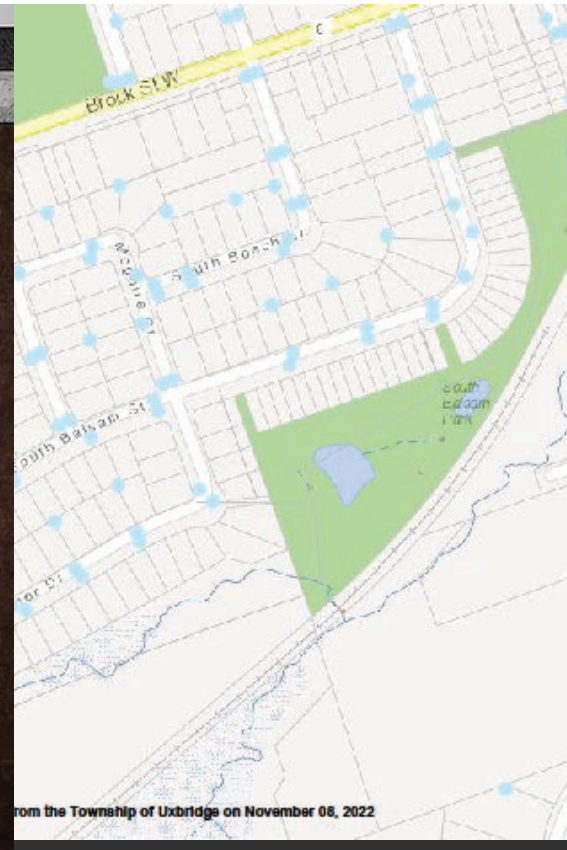
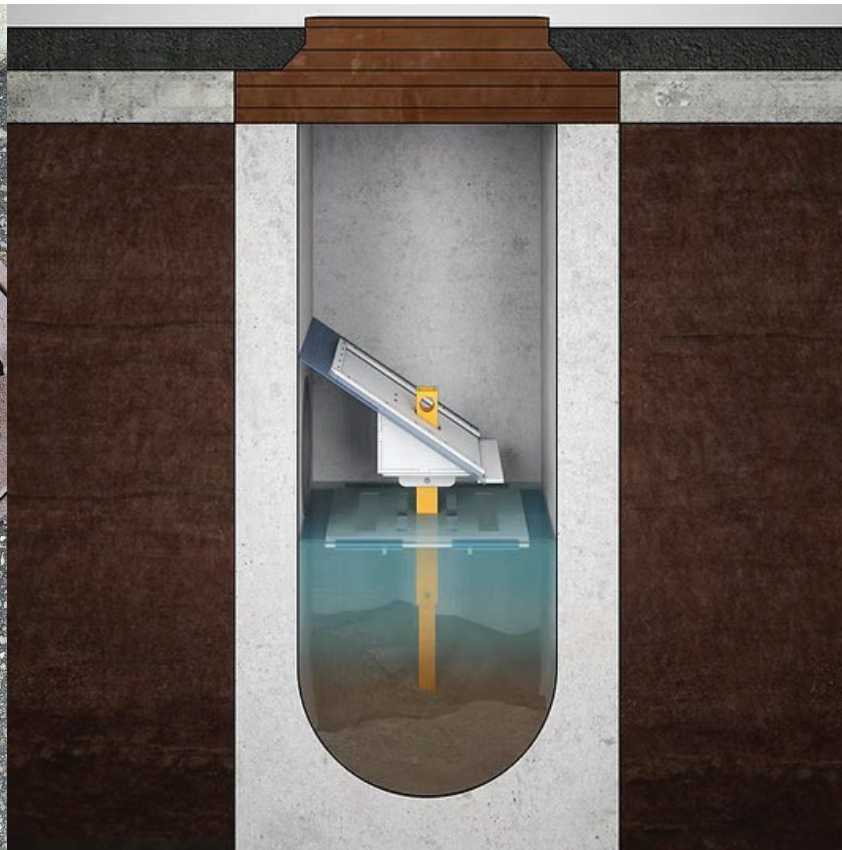
Reducing Sedimentation



Improving Our Water Quality and Quantity



Reducing Phosphorus



Mini Forest



Creating
Community
Connections



Strengthening
and Building
Partnerships



In Progress for 2025

- 45 projects in progress
- Total estimated cost of 9.5 million
 - Tree planting
 - Wetland restoration and enhancement
 - Retrofitting stormwater pond
 - Low impact development
 - Improving streams
 - Enhancing wildlife habitat
 - Controlling cropland erosion
- 7 In progress in the Town of Aurora
 - community tree plantings projects, enhancing wildlife habitat , improving streams and wetland restoration projects.



Hamilton Park



Restoring
Terrestrial
Habitat



Protecting
Pollinators



Enhancing Our
Natural Heritage



DURING



DURING



Thank you