

STEWARDSHIP REPORT spring 2017

LTVCA acknowledges the financial support of our 10 watershed member municipalities, our many granting partners, and dedicated volunteers

Featured Wetland Restoration Projects



Talbot Trail
Wetland
Complex



Campbell Line
Wetland
Restoration



McKinlay Road
Wetland
Complex



Eberle Line
Wetland
Restoration

18

WETLAND PROJECTS FOR 2017

Funding provided by the MNRF, ECCC, Wildlife Habitat Canada, Ducks Unlimited Canada, LTVCA, project landowners, ECWP, ESC, and ALUS

9

OMAFRA MONITORING SITES

To determine the wetlands' effectiveness at retaining and reducing agriculturally sourced phosphorus loads

Reforestation Projects

130,655

SEEDLINGS

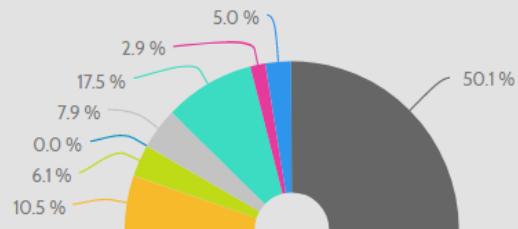
*planted across
the watershed*

140

ACRES

of new forest cover

Seedling Sales



■ Dutton-Dunwich
 ■ London
 ■ Middlesex Centre
■ Southwest Middlesex
 ■ Strathroy Caradoc
■ Southwold
 ■ West Elgin
 ■ Chatham-Kent

Events

-  Southwest Agriculture Conference
-  Maple Syrup Festival at Sinclair's Bush
-  Watershed Bus Tours
-  Stewardship Awards
-  Meetings for the National Farmers Union, Christian Farmers of Ontario, and the Grain Farmers of Ontario

SAR Program Updates



LTVCA has hired Vicki McKay as the Species At Risk (SAR) Biologist to develop, and implement a SAR Sec. 11 agreement with the Department of Fisheries and Oceans Canada

We are encouraging the use of a new app called "Clam Counter", as an educational tool to explore the fascinating world of freshwater mussels and conserve them in our watershed.

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Public Partnerships and Projects



Jeanette's Creek Agricultural Phosphorus Reduction & Monitoring Program

Goal

The goal of this program is to provide funding to agricultural producers within the Jeannettes Creek Subwatershed to implement a suite of Best Management Practices (BMPs) that can reduce agriculturally sourced phosphorus loads within the Thames River Basin. Implemented projects will be rigorously monitored to determine the suite of BMPs effectiveness at reducing phosphorus loading. Furthermore, a cost benefit analysis will be completed to quantify the cost to reduce phosphorus per kilogram through a targeted stewardship approach.



Monitoring and Data Collection Activities

- Water Quality Monitoring Network
- Land Use Data Collection
- Land Activities Survey
- BMP Edge of Field Monitoring Sites

Program Promotional Activities

- Thames River Phosphorus Reduction Collaborative Bus Tour
- Ontario Soil and Crop Improvement Association Executive Outreach Tour



This program is supported by the GLASI Priority Subwatershed Project. Funding for GLASI is provided through Growing Forward 2, a federal-provincial-territorial initiative. GLASI is delivered by the Ontario Soil and Crop Improvement Association.

A more detailed report can be found at:

http://www.lowerthames-conservation.on.ca/wp-content/uploads/2017/08/LTVCA-Stewardship-Report_Spring-2017.pdf