

An aerial photograph showing a body of water on the left, with a shoreline that curves into the water. The land is divided into various agricultural fields, some green and some brown, with some trees and a small cluster of buildings visible. The sky is overcast.

Solutions to Nutrient Loading Huron County, Ontario

**Mayor Jim Ginn
Municipality of Central Huron**

LAKE
HURON

*HURON
COUNTY*



Ontario's West Coast

HURON COUNTY • CANADA

Kitchener
• Waterloo

Toronto

• Stratford

• Sarnia

• London

• Niagara Falls

• Buffalo

Detroit

• Windsor

LAKE ERIE

LAKE ONTARIO

Ginn farm



0 450 900 1350 m.

Map center: 449994, 4836380



Legend

- Huron County Boundary
- Lower Tier Municipalities
- CH - Lots
- CH - Public Assessment
- Huron.sid



Scale: 1:14,949

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

On Farm Projects

- Reforestation of 20000 trees
- Fencing to restrict cattle from 2 streams
- 5 stream crossings to protect stream beds and banks
- Retirement of fragile and marginal lands
- Conservation tillage
- Barnyard runoff containment

On Farm Projects cont'd

- Reintroduction of endangered species
- Sustainable forestry management
- Establishment of native tallgrass prairie
- Fish habitat improvement
- Wildlife habitat improvement









Project Partners



This Project
was undertaken with the
Financial Support of...



Environment
Canada



Environnement
Canada

Ontario
Trillium Foundation



North American Waterfowl
Management Plan



Active by nature.

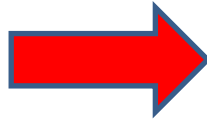


HURON SOIL AND CROP IMPROVEMENT ASSOCIATION

Recycling of Nutrients



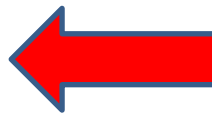
Red clover cover crop following wheat.
October 2014



Strip tillage through the cover crop
October 2014

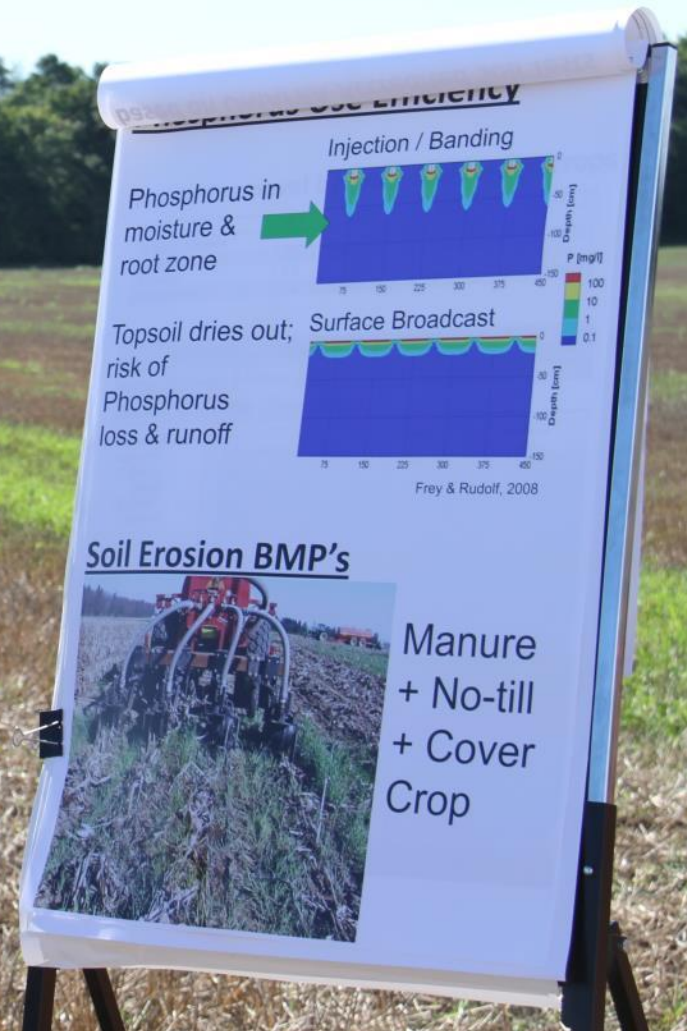


Corn crop growing June 2, 2015



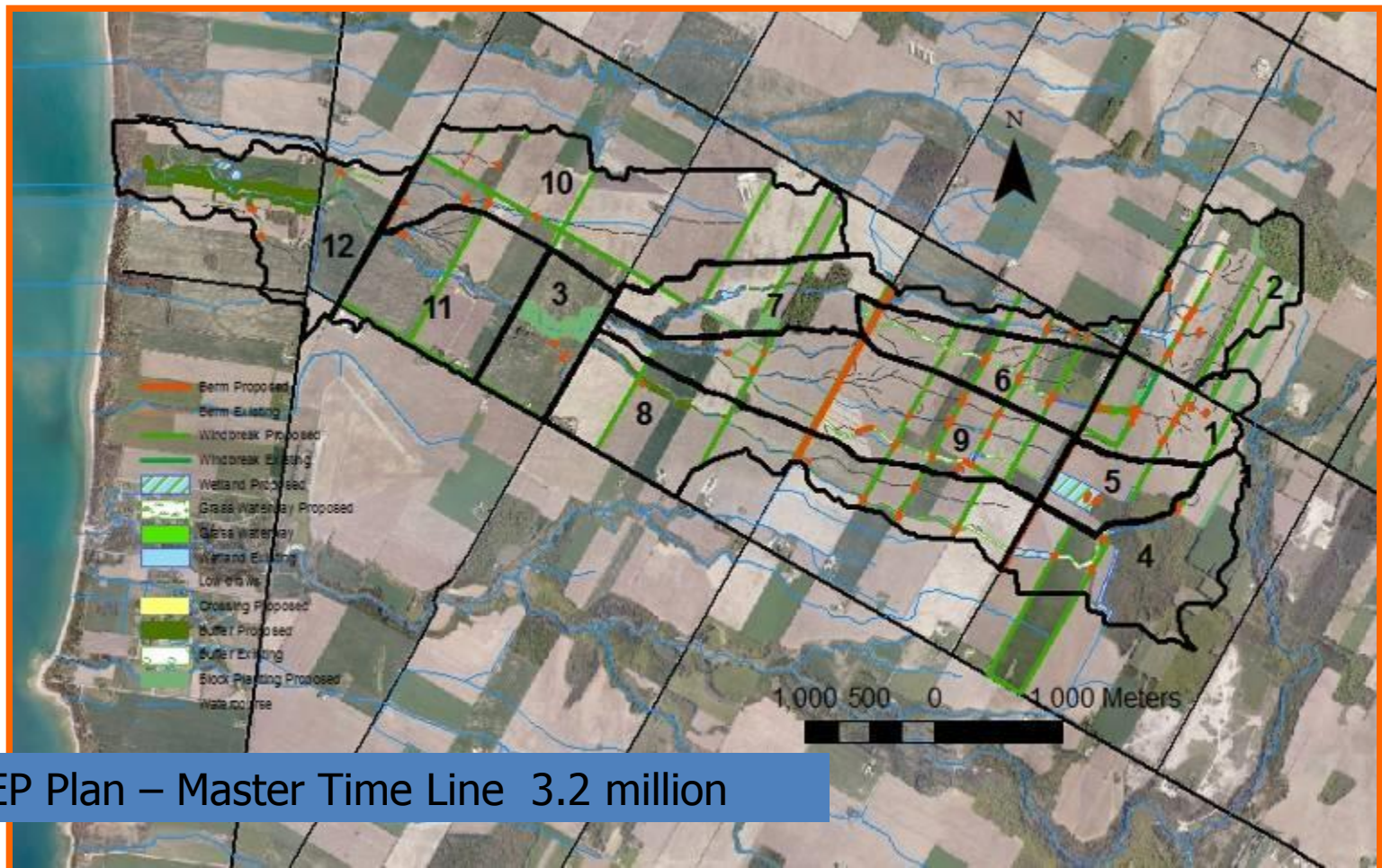
Planted into strips April 2015







Time Lines	2012	2013	2014	2015	2016	2017	2018
Design	2,3,4	5,6	7	8,9	10,11	12	
Construction	1	2,3	4,5	6	7	8,9, 10,11	12



SWEEP Plan – Master Time Line 3.2 million

Clinton Storm Water Management Pond

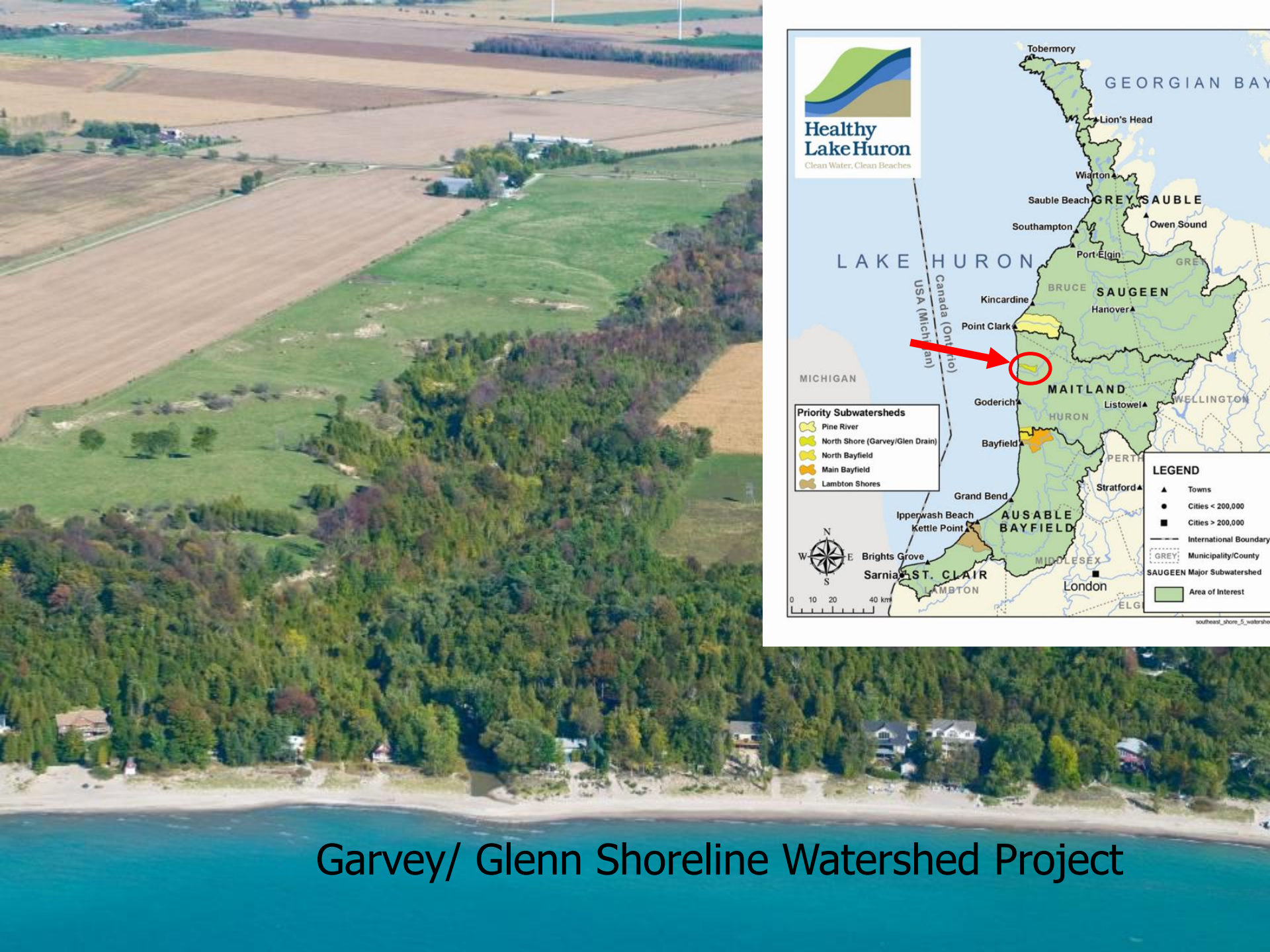


Huron Soil and Crop Demonstration Site

- [Planting Green in Huron County](#)







Garvey/ Glenn Shoreline Watershed Project



HAND PLANT stony floodplain
plug seedlings: white cedar,
trembling aspen, sycamore,
cottonwood, soft maple
availability will determine species mix
ground conditions will determine spacing
average 10' x 10' spacing = 600 seedlings

MACHINE PLANT
white cedar
6' x 6' spacing
1000 trees

MACHINE PLANT
outside row white spruce
@ 6.5' spacing = 175 trees
inside row white pine
@ 10' spacing = 115 trees

1.5 acre

1 acre

MACHINE PLANT
White pine, white spruce
alternate rows
8' x 8' spacing
= 680 trees

1 acre

350m

MACHINE PLANT
white pine, white spruce
alternate rows
8' x 8' spacing
= 550 trees

0.8 acre







Huron County

CLEAN WATER PROJECT

Projects grants (2004-14)

\$3 million

Total reported costs

\$7.5 million

\$2.5 spent for every grant dollar invested

Economic development and environmental protection

