

FUNDING AVAILABLE FOR LAND STEWARDSHIP

PURPOSE

- Keep valuable soil on the land and prevent nutrients and contaminants from entering watercourses
- Improve the quality of aquatic species at risk (SAR) habitat

1) RESTORE RIPARIAN BUFFERS (VEGETATION ADJACENT TO WATER)

FUNDING:

- Up to 100% of the cost of native tallgrass prairie seed and/or native trees and shrubs

REQUIREMENTS:

- Focus on areas contributing sediment or nutrients to local watercourses
- Minimum 2.5 m wide uncultivated buffer from the top of the bank
- Must be retained as a natural buffer

2) RESTORE WETLANDS

FUNDING:

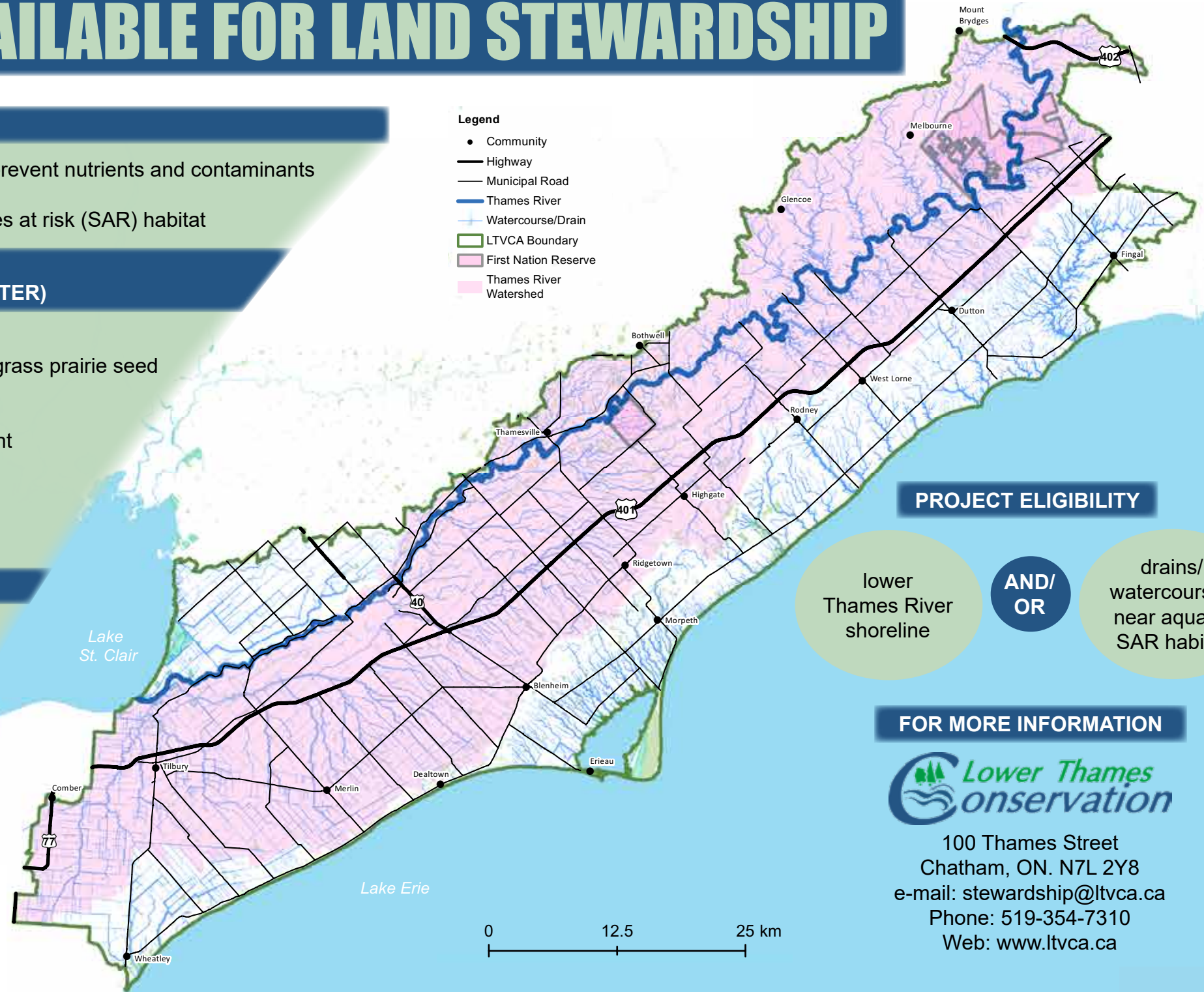
- Up to 50% of construction costs

REQUIREMENTS:

- Filters sediments from runoff prior to release into local watercourse

LANDOWNER CONTRIBUTION

- Prepare the site for planting
- Maintain the site as planted for at least 15 years after planting



PROJECT ELIGIBILITY

lower
Thames River
shoreline

AND/
OR

drains/
watercourses
near aquatic
SAR habitat

FOR MORE INFORMATION



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Phone: 519-354-7310
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Save the Thames River's Aquatic Species at Risk

FISHES AT RISK

Pugnose Minnow



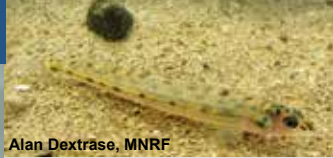
Brian Zimmerman

Lake Chubsucker



Alan Dextrase, MNRF

Eastern Sand Darter



Alan Dextrase, MNRF

River Darter



Brian Zimmerman

River Redhorse



George A. Coker

Spotted Sucker



Brian Zimmerman

Silver Shiner



Brian Zimmerman

Black Redhorse



DFO

Silver Lamprey



MULTIMEDIA GALLERY/MANEA.ORG

Konrad Schmidt

Northern Madtom



Andrew Drake, DFO

SPECIES AT RISK LOST FROM THE LOWER THAMES

Gravel Chub



Brian Zimmerman

Snuffbox



Vicki M*Kay

Round Hickorynut



Vicki M*Kay

Rayed Bean



Shawn Staton, DFO

Hickorynut



Phillipe Blais

LOWER THAMES RIVER RARITIES

FRESHWATER MUSSELS AT RISK

Threhorn Wartyback



Vicki M*Kay

Rainbow



Todd Morris, DFO

Fawnsfoot



Shawn Staton, DFO

Wavy-rayed Lampmussel



Shawn Staton, DFO

Round Pigtoe



Vicki M*Kay

Mapleleaf



Shawn Staton, DFO

Lilliput



DFO Canada

- The Thames River supports a high diversity of aquatic life (94 fish and 35 mussel species)
- This area is home to at least ten fish and seven freshwater mussel species at risk (SAR)
- At least one fish and six mussel SAR have been lost due to unfavourable conditions

BE A GOOD LAND STEWARD

- Reduce erosion of productive farmland
- Improve water quality in local watercourses and in the lower Thames River

BENEFITS

- Sediment, nutrients and toxins are filtered from runoff before reaching local watercourses
- Fish can find food, mates, nesting sites and suitable habitat in clean water
- Fish and mussel gills don't become clogged with sediment
- Terrestrial insects become food for fish as they fall into the water from nearby vegetation
- Shaded watercourses help reduce water temperatures that can stress species
- Fish hosts can find mussels, allowing the mussels to complete their life cycle
- Mussels filter feed, helping keep freshwater ecosystems clean

Funded by:



Version: 08/2019

Northern Riffleshell



Shawn Staton, DFO

Kidneyshell



Vicki M*Kay