

Canada and United States Lake St. Clair Management Plan Updates

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Binational Lake St. Clair Conference
November 9, 2021



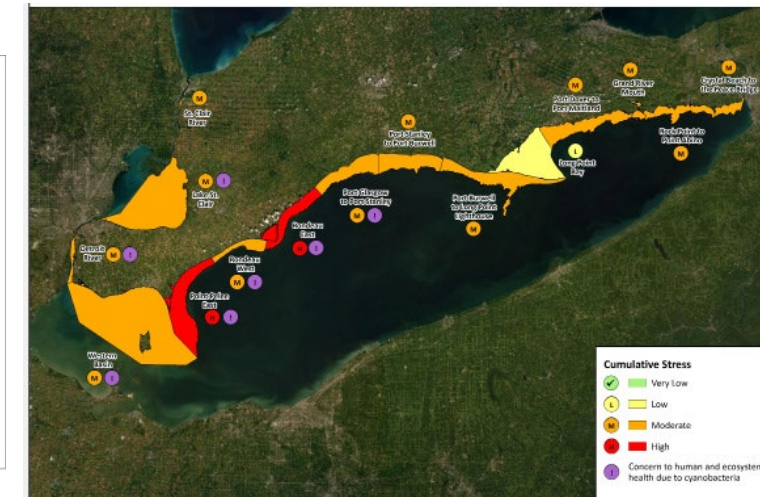
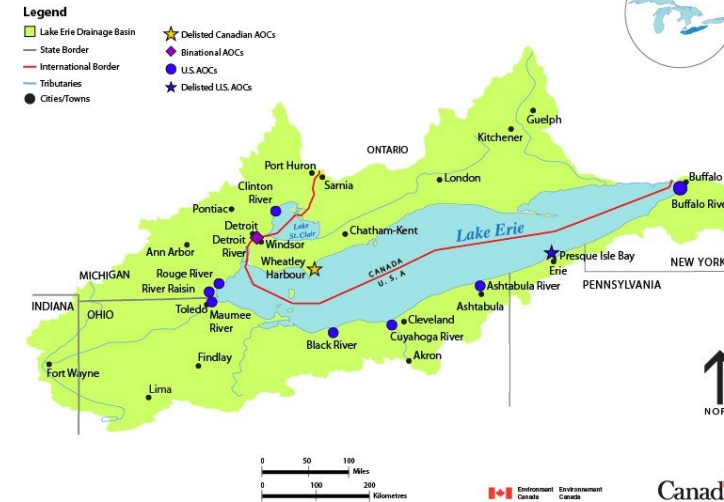
Lake St. Clair Management Plans



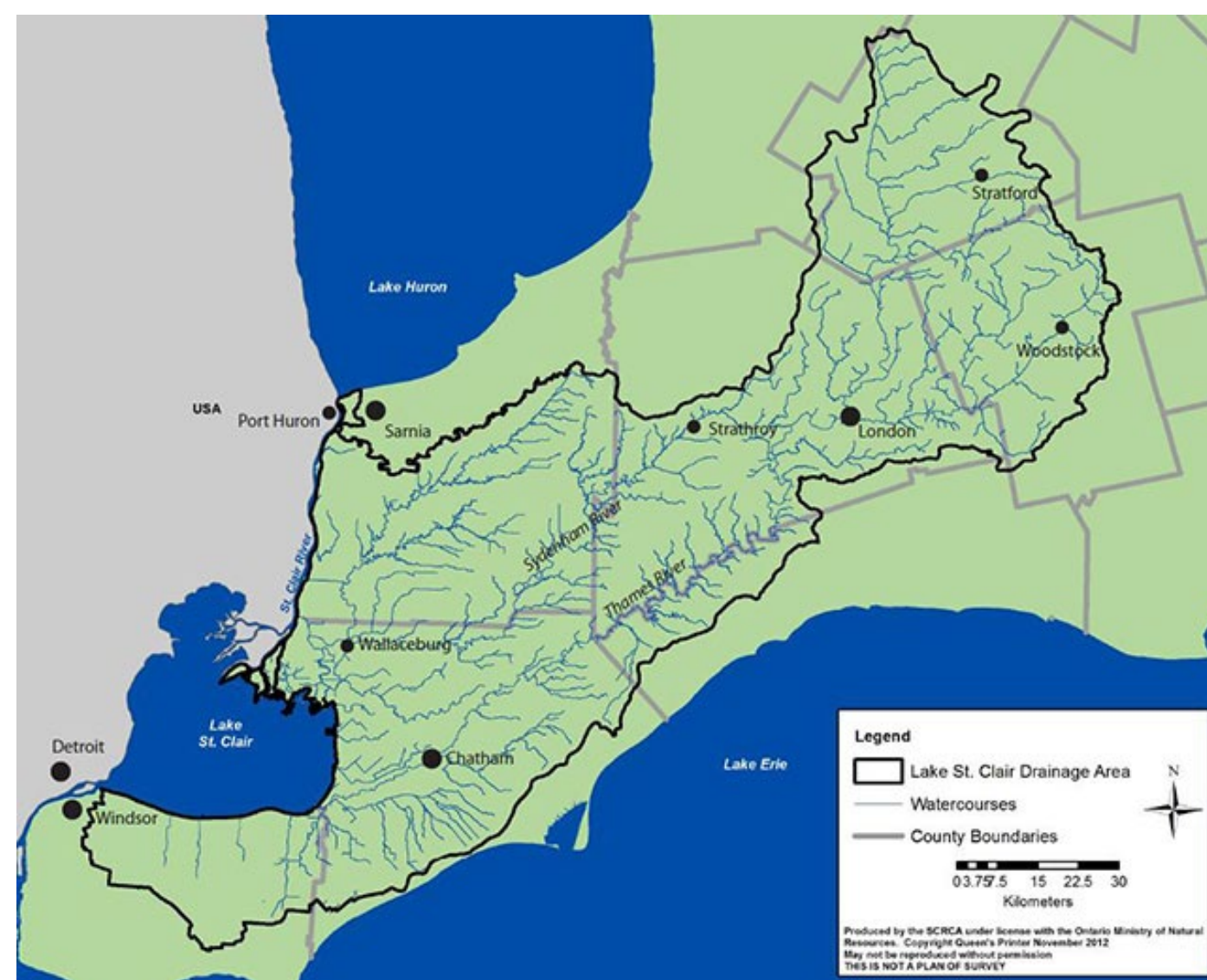
2012 Great Lakes Water Quality Agreement

- Lake Erie Lakewide Action and Management Plan
 - includes LSC, DR and SCR
- Cooperative Science and Monitoring Initiative
 - next field season on LE, LSC, DR and SCR in 2024
- Great Lakes Nearshore Assessments
 - Canadian Nearshore Assessment and US NCCA
- Lake Erie Binational Nutrient Reduction Strategy
 - Phosphorus loading targets, domestic action plans

Lake Erie Drainage Basin



The Canadian Lake St. Clair Watershed



Water Management Plans



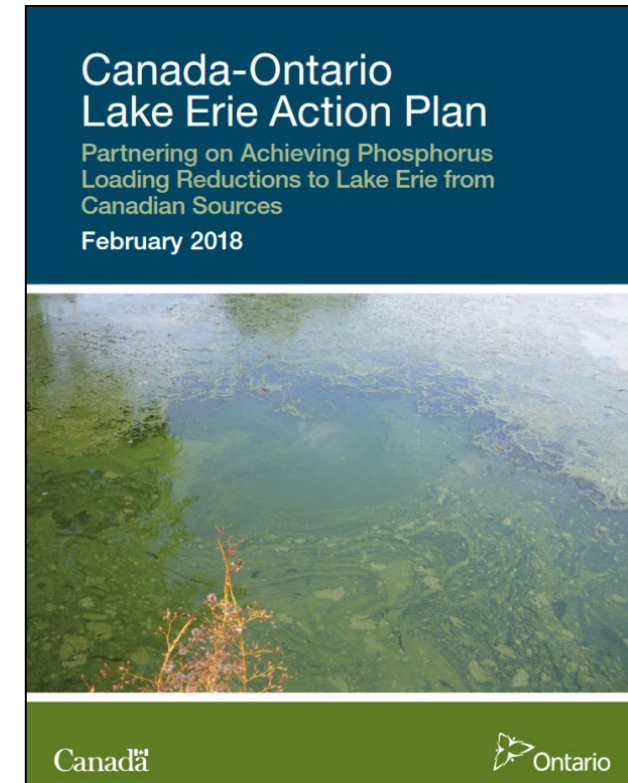
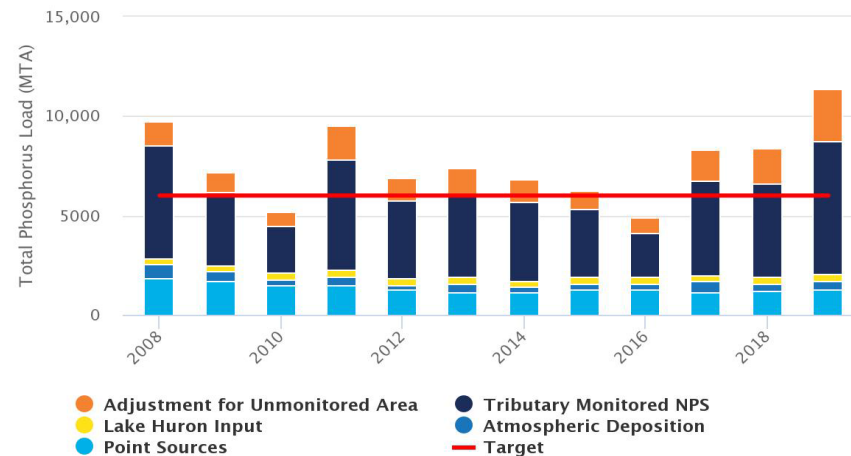
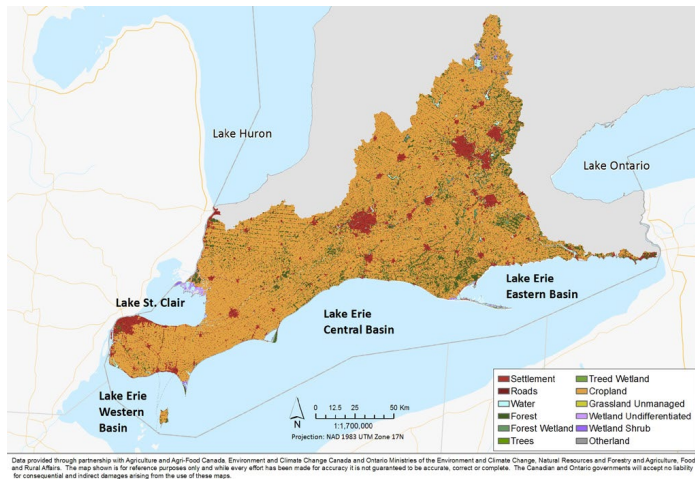
- Thames River Shared Waters Approach to Water Quality and Quantity
 - Developed by the Thames River Clear Water Revival, a multi-jurisdictional watershed strategy to improve the health and vitality of the Thames River and its watershed
 - *Improve water quality of the Thames River and reduce the river's impact on Lake St. Clair.*
- Sydenham River Phosphorus Management Plan
 - Working with local stakeholders and rights holders to identify sources of phosphorus, determine best-value solutions, and implement an outreach strategy to work together with the community.



Canada-Ontario LEAP



- Annex 4 of the 2012 GLWQA
- Canada-Ontario LEAP released in February 2018
- Has resulted in considerable work in the LSC watershed by the Essex Region, Lower Thames Valley, and Upper Thames River Conservation Authorities.



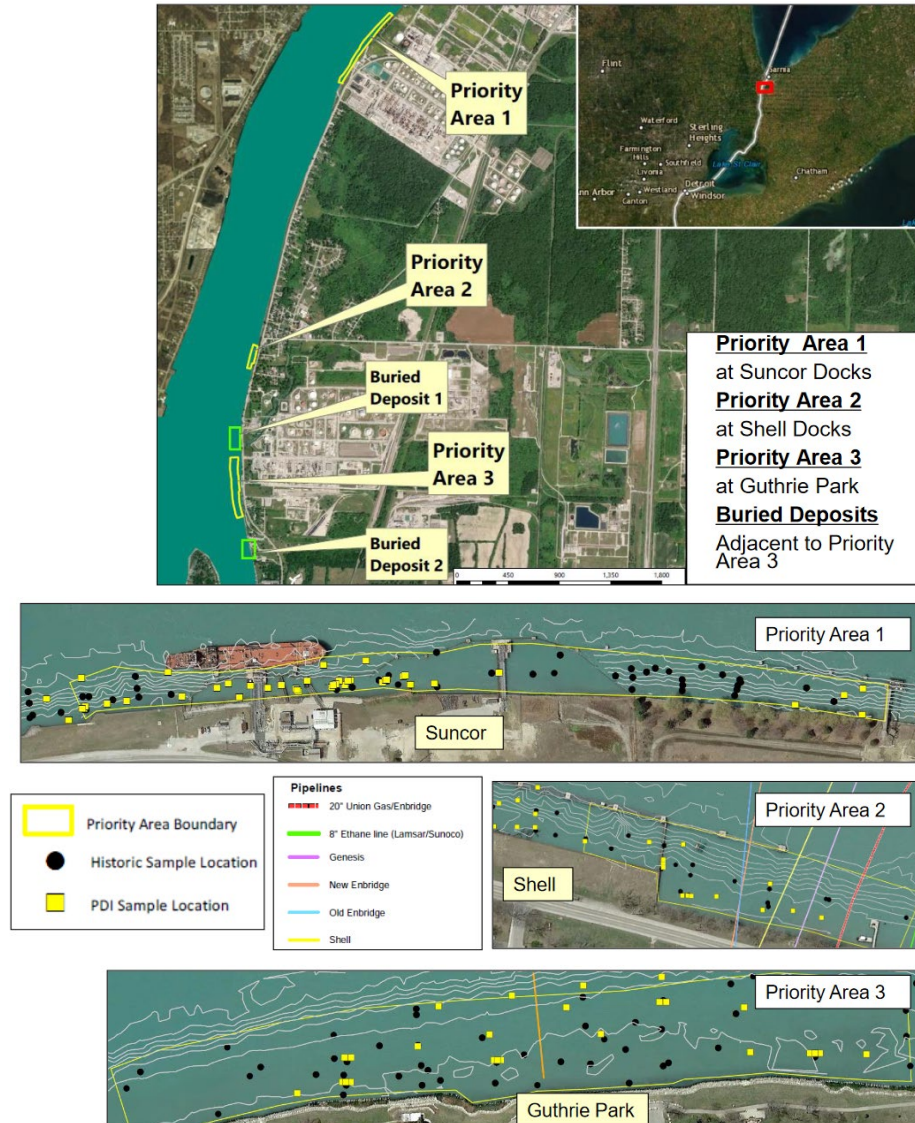
Lake St. Clair Harmful Algal Blooms



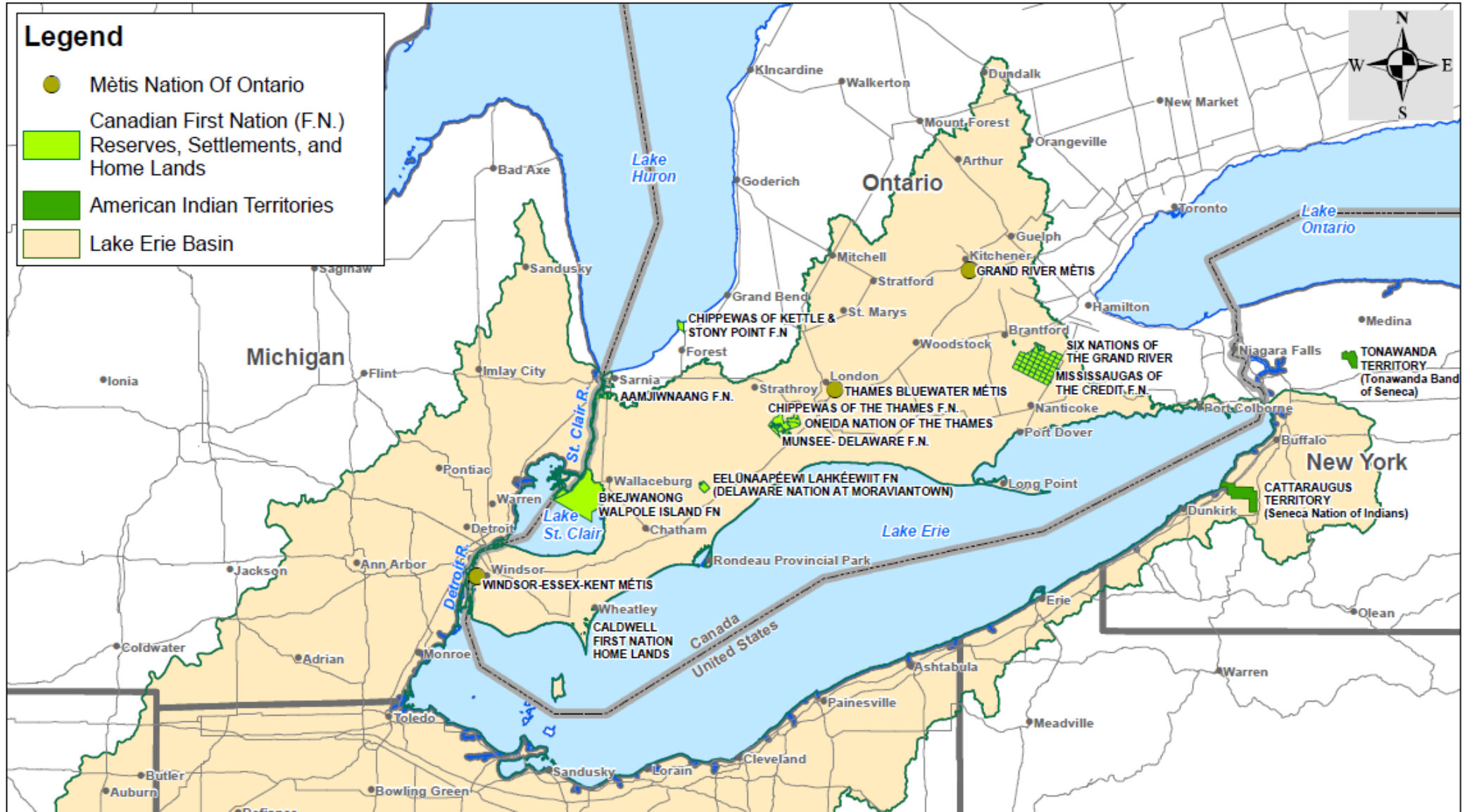
St. Clair River Sediment Remediation



- St. Clair Region Conservation Authority leading the development of a detailed engineering and design plan for managing mercury contaminated sediment in remaining three areas of the St. Clair River.
- The plan will outline the logistics and costs of remediating the contaminated sediment.
- Project funding provided by Environment and Climate Change Canada, the Ontario Ministry of the Environment, Conservation and Parks, and Dow Canada.
- Completion expected by the end of 2021.

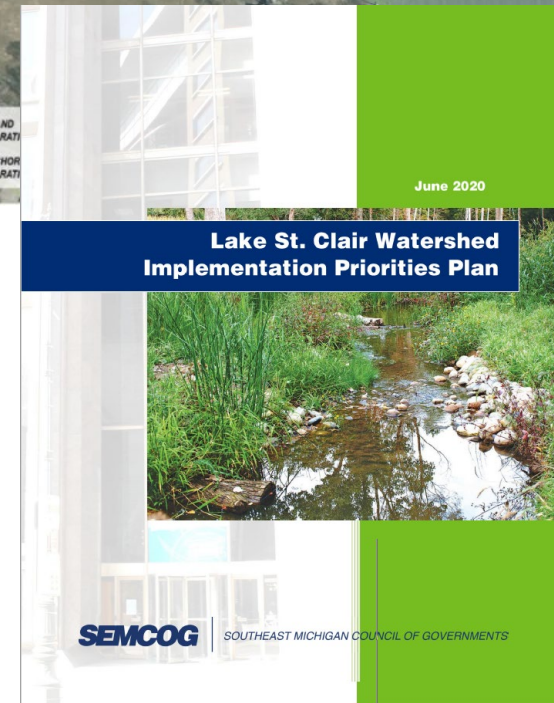


First Nations

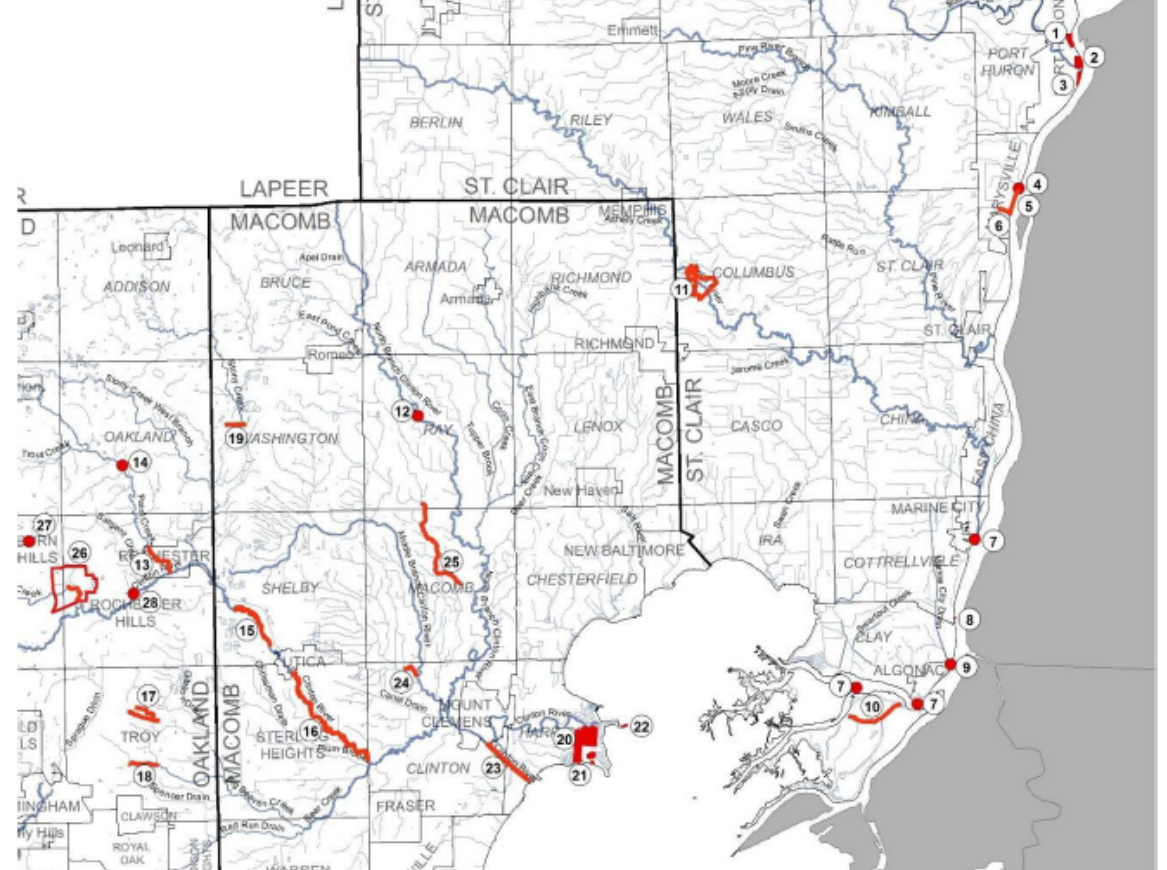


Lake St. Clair Watershed Implementation Priorities Plan (WIPP)

The Lake St. Clair Watershed Implementation Priorities Plan (WIPP) is the latest document in guiding implementation of the *St. Clair River and Lake St. Clair Comprehensive Management Plan*. It identifies those projects that will lead to Lake St. Clair improvements. Some of those projects will be highlighted later in the Conference.



Lake St. Clair Management Plan Restoration Projects Completed



- 1) Wolcott Mill Dam Removal
- 2) Paint Creek Fish Passage Restoration
- 3) Paint Creek Dam Removal and Habitat Restoration
- 4) Clinton River in Shelby Township Restoration
- 5) Clinton River Corridor
- 6) Sylvan Glen Golf Course Restoration
- 7) Restoring Fish Passage in the Lane Drain
- 8) Inwood Road/Stoney Creek Stormwater Improvement
- 9) Lake St. Clair Marsh Restoration Project
- 10) Lake St. Clair Metropark Parking Lot Reconstruction Phase I&II
- 11) Harley Ensign Coastal Wetland Restoration
- 12) Clinton River Spillway Coastal Habitat Restoration
- 13) Partridge Creek/Gloede Drain Habitat Restoration
- 14) McBride Drain Habitat Restoration
- 15) Galloway Creek Fish Passage Restoration
- 16) Restoration of Galloway Wetland
- 17) Avon Creek Restoration, Phase I-IV
- 18) Restoring Fish Passage in the Lane Drain
- 19) Inwood Road/Stoney Creek Stormwater Improvements
- 20) Lake St. Clair Marsh Restoration Project
- 21) Lake St. Clair Metropark Parking Lot Reconstruction Phase I&II
- 22) Harley Ensign Coastal Wetland Restoration
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- 27) Restoration of Galloway Wetland
- 28) Avon Creek Restoration, Phase I-IV



The Path Ahead

Thank You!