

One Corps Serving the Army and the Nation

St. Clair River & Lake St. Clair Management Plan



**Lieutenant Colonel
Bill Leady
Commander, Detroit District
U.S. Army Corps of Engineers
20 March 2008**

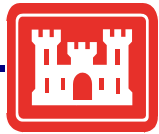


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St. Clair River-Lake St. Clair Management Plan



- ✓ **Large drainage-to-surface area ratio (11:1; average is 2:1 for other Great Lakes)**
- ✓ **~5 million in watershed**
- ✓ **Recreational “heart” for SE MI**
- ✓ **200 marinas/150,000 boats**
- ✓ **Surface area of 670 sq. miles, 62 mile shoreline**
- ✓ **Accounts for nearly 1/2 entire Great Lakes sport fishing effort**
- ✓ **“Ground zero” for exotic species**

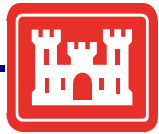


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St. Clair River-Lake St. Clair Management Plan

Congressional Interests

- ✓ **Senator Carl Levin**
- ✓ **Senator Debbie Stabenow**
- ✓ **Congressman Bart Stupak (1st)**
- ✓ **Congressman Dale Kildee (5th)**
- ✓ **Congressman Joe Knollenberg (9th)**
- ✓ **Congresswoman Candice Miller (10th)**
- ✓ **Congressman Thaddeus McCotter (11th)**
- ✓ **Congressman Sander Levin (12th)**
- ✓ **Congresswoman Carolyn Kilpatrick (13th)**
- ✓ **Congressman John Conyers (14th)**
- ✓ **Congressman John Dingell (15th)**

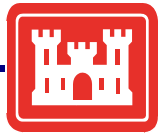


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Background:

- ✓ The original study was authorized under Sec. 426 of the Water Resources Development Act (WRDA) of 1999
- ✓ Plan was developed in coordination with state and local governments and appropriate federal and provincial authorities of Canada
- ✓ The study resulted in the development of a comprehensive Management Plan for Lake St. Clair and the St. Clair River
- ✓ Plan identified sources and causes of environmental degradation and suggested monitoring of contaminant levels and the dissemination of this information to public authorities and others.
- ✓ ASA(CW) approved the Management Plan and sent it to OMB on March 2006

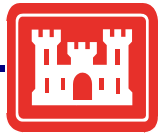


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Key Participants:

- ✓ Macomb/St. Clair Inter-County Watershed Management Advisory Group
- ✓ Michigan Department of Environmental Quality
- ✓ Michigan Department of Natural Resources
- ✓ Canadian Provinces
- ✓ Environmental Protection Agency
- ✓ Corps of Engineers



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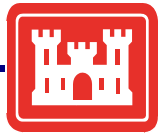
St. Clair River-Lake St. Clair Management Plan

Topics and Recommendations:

- ✓ A vision for the Lake St. Clair and St. Clair River
Goals & Objectives

- ✓ Environmental Health of the Watershed
 - Point Source discharge
 - Non-Point Source discharge

Key Recommendation: Develop and Implement a Contaminate Management Strategy that focuses on pollution prevention and restoration of polluted areas (12 recommendations).



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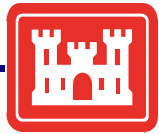
Topics and Recommendations Continued:

- ✓ Habitat and Biodiversity / Loss and degradation of habitat and Invasive Species

Key Recommendation: Develop and distribute education information regarding identification and control of invasive species (17 recommendations).

- ✓ Human Health
 - Drinking Water Protection
 - Spill Prevention

Key Recommendation: Complete and implement Source Water Assessments to ensure effective protection of raw drinking water supply sources (22 recommendations).



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Topics and Recommendation Continued:

✓ Land Use

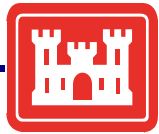
Non-Point Source pollution / Storm water runoff

Key Recommendation: Develop and implement regional and local watershed management plans to control, mitigate, and prevent point source and non-point source pollution (23 recommendations).

✓ Fisheries, Recreational Boating and Commercial Navigation Dredging and contaminated sediments

Invasive species and ballast water

Key Recommendation: Develop and implement pollution prevention programs for marine industries and recreational activities (12 recommendations).



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Topics and Recommendation Continued:

- ✓ Monitoring
 - Canadian Monitoring Program
 - U.S. monitoring programs (<http://www.glin.net/gis/lkstclair/>)
 - Key Recommendation: Create a U.S. monitoring coordination committee to develop and implement a comprehensive, coordinated, long-term monitoring strategy for the US portion of Lake St Clair watershed (19 recommendations).

- ✓ Achieving Our Vision
 - Key Recommendation: Establish a US Lake St Clair coordinating Council with representation from Federal, state, and local agencies with management responsibilities for the Lake St Clair watershed to coordinate local projects, promote implementation of the management plan, facilitate communication among stakeholders, monitor progress, and advocate for funding for management plan activities (5 recommendations 110 total recommendations).

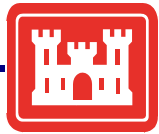


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WRDA 2007 (Section 3089) provides the following:

- ✓ to establish and lead a partnership of Federal, state and local officials
- ✓ to develop a strategic implementation plan to restore and conserve the waters and shorelines in the St. Clair River and Lake St. Clair watersheds
- ✓ authority to allow the Corps to provide technical, planning and engineering assistance to non-Federal partners to implement activities in the Management Plan
- ✓ authorized appropriations up to \$20,000,000

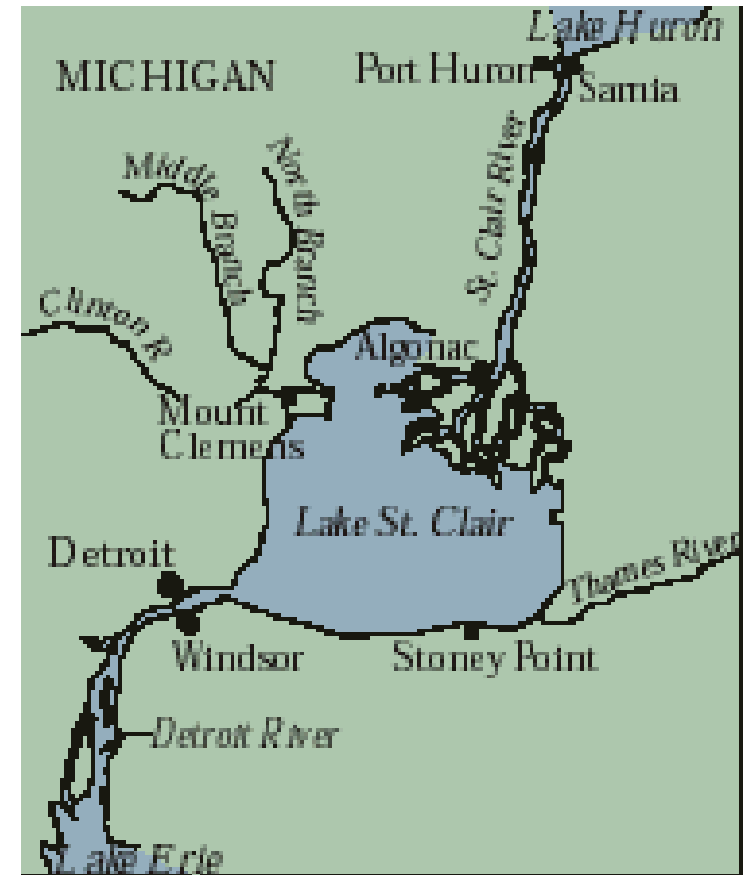


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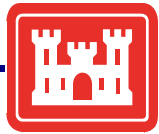
US Army Corps of Engineers Role:

- ✓ (Re-)establish a Partnership
- ✓ Act as Facilitator & Administrator
- ✓ Provider of technical, planning and engineering assistance to non-Federal partners
- ✓ Develop an Implementation Plan



Path Forward

- ✓ Awaiting Guidance from HQ & Funding FY09 (TBD)



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We're All In This Together!





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QUESTIONS

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[Http://www.lrd.usace.army.mil/](http://www.lrd.usace.army.mil/)