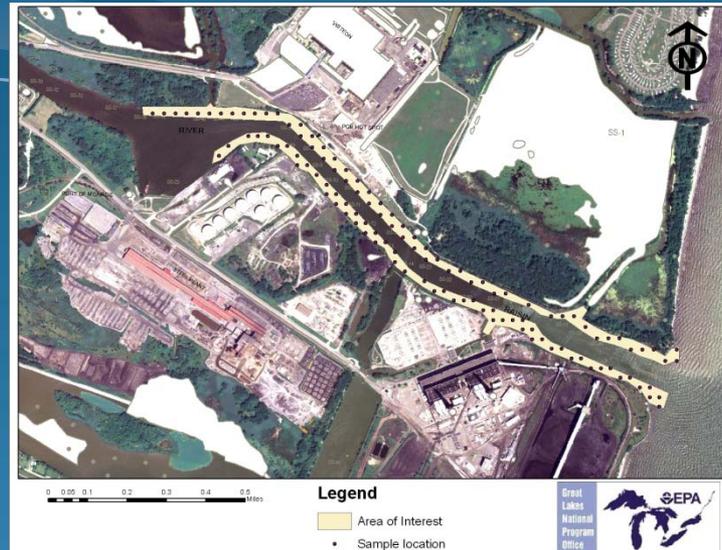


CONTAMINATED SEDIMENT MONITORING AND CLEANUP

RAISIN RIVER AREA OF CONCERN IN MONROE





River Raisin AOC

What's New?

- Raisin River – Addressing the Legacy of Contaminated Sediment
- The Great Lakes Legacy Act – Funding the Action Plan
- Upcoming Activities and Public Outreach

The Contaminated Sediment Problem

- From 1998 through 2003, the U.S. EPA Great Lakes National Program Office and the MDEQ conducted post clean-up sampling for PCBs after the Ford Motor Company removed approximately 20,000 cubic yards of contaminated sediments in 1997.
- Sampling found that undesirable levels of polychlorinated bi-phenyls (PCBs) remained in the river sediments and impacted the quality of the environment.

Contaminated Sediment Problem

- This sediment issue has no impact on the quality of drinking water.
- The City of Monroe is required annually to test the drinking water by the MDEQ for PCBs. They have never been detected in water drawn into our intakes.

The Great Lakes Legacy Act – Funding the Action Plan

- Contaminated sediments in Great Lakes harbors and tributaries contribute to a wide variety of problems, including contaminated fish and wildlife, bird and animal deformities, and threats to human health.
- To help address the problem, the Great Lakes Legacy Act of 2002 authorized \$270 million in funding over five years starting in 2004 to specifically assist with the cleanup of contaminated sediment in America's 30 Areas of Concern (AOCs.)

Funding the Action Plan



MDEQ and the U.S. EPA have been pursuing options for additional sediment remediation to address the remaining problem. More information on the Raisin River Area of Concern is available at <http://www.epa.gov/glnpo/aoc/rvraisin.htm>

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Funding the Action Plan cont.

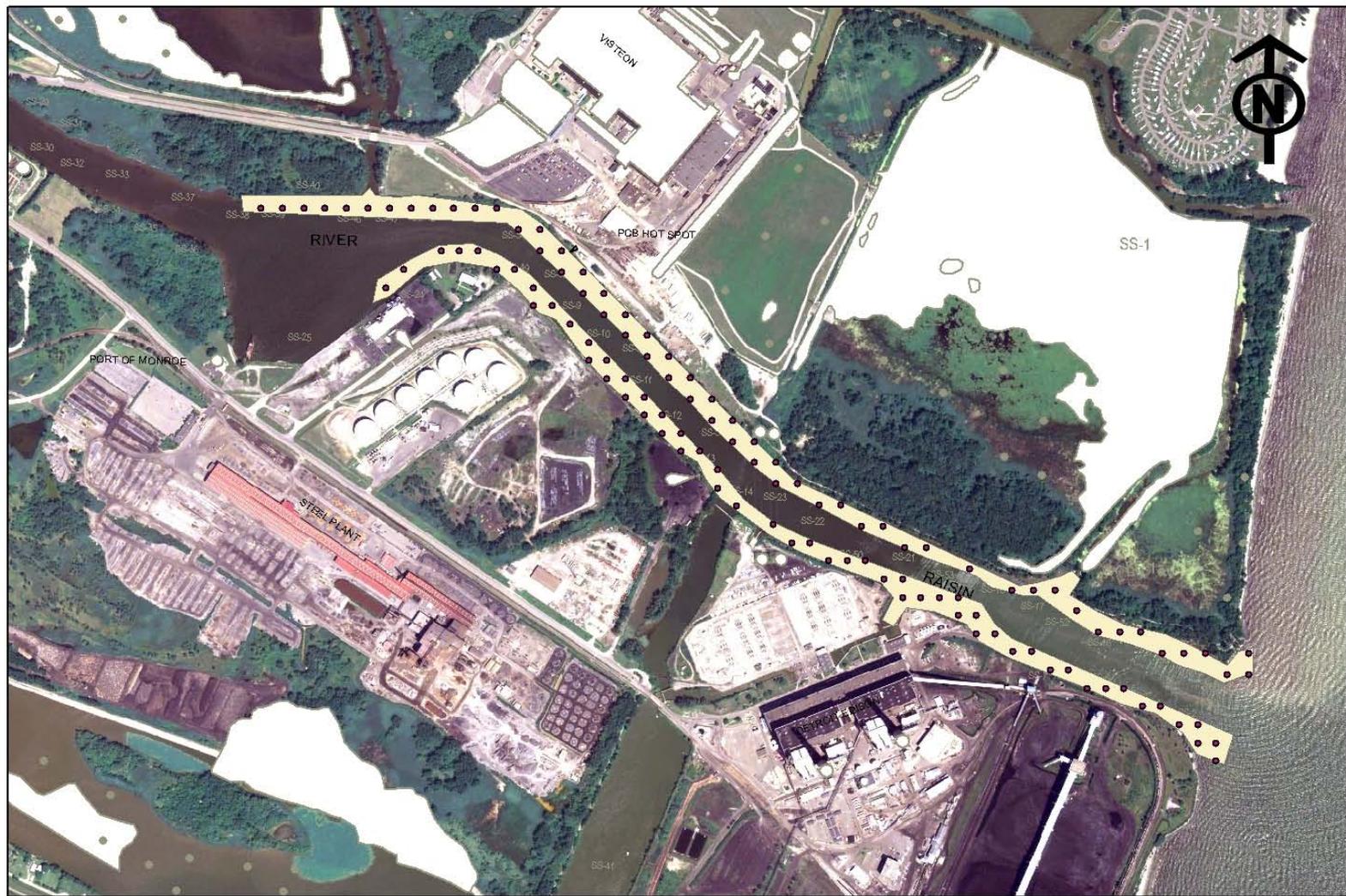
The Michigan Department of Environmental Quality (MDEQ) has requested \$5,600,000 in GLLA funding to be combined with \$3,000,000 of Clean Michigan Initiative funding to remediate 94,000 cubic yards of sediments contaminated within the Raisin River AOC. The U.S. EPA is currently evaluating this proposal.

More information on the Great Lakes Legacy Act is available at:

<http://www.epa.gov/glla/>

Planning 2009 and Beyond

As part of the evaluation process for the proposed sediment remediation project, U.S. EPA conducted an intensive, sediment assessment survey in the Raisin River in June 2009. The goal of this survey was to collect information to evaluate the extent of contamination, along with data to allow MDEQ and U.S. EPA to develop a final engineering design. Sediment samples were collected at over 100 sampling locations, and analyzed for chemical contamination and engineering properties. This data will be utilized to develop a final strategy and engineering design plans for addressing the remaining sediment contamination.



Legend

- Area of Interest
- Sample location



Sampling Area in the River Raisin

Upcoming Activities

The next steps for the Raisin River include evaluation of data, remedial design planning and public outreach. The current project goal is to complete all sampling and design activities required to get the site ready for remediation in Summer/Fall 2010. Final decisions regarding GLLA and CMI funding for the project are expected in late 2009.



Monroe City Commission on Environment & Water Quality

RIVER RAISIN AOC

EPA PRESENTATION Replay Schedule

- **8:30 p.m. , Tuesday, Wednesday,
Thursday, Friday, Saturday,
Sunday**