



SHEBOYGAN COUNTY

Roger L. Te Stroete
Chairman of the Board

Adam N. Payne
County Administrator

SHEBOYGAN RIVER/HARBOR DREDGING PROJECTS SUMMARY

Background:

The Environmental Protection Agency (EPA) declared the lower 14 mile section of the Sheboygan River a hazardous waste site under the EPA Superfund legislation in 1986. A Sheboygan River Dredging Workgroup was established in August of 2009 to assist in coordinating these projects, and is represented by officials from the EPA Region 5, Great Lakes National Program Office (GLNPO), Wisconsin Department of Natural Resources (DNR), United States Army Corps of Engineers, City of Sheboygan, Sheboygan County, Wisconsin Public Service Corporation, Pollution Risk Services (PRS), and Tecumseh Corporation.

The dredging projects are part of a multi-phase cleanup project located in the Sheboygan River Area of Concern (AOC), and are coordinated by the Great Lakes Program Office of the EPA. They include:

- **2006/2007 Superfund Upper River Tecumseh Dredging Project** - completed. Approximately 20,728 cubic yards of contaminated polychlorinated biphenyl (PCB) sediment was removed at a cost of \$20 million by Tecumseh Corporation and PRS. This Upper River project began in the City of Sheboygan Falls and extended to the Village of Kohler. Dredging materials shipped to an out-of-state licensed landfill.
- **Lower River Superfund Dredging Project** – completed. Approximately 44,972 cubic yards of contaminated PCB sediment were removed at a projected cost of \$12 - \$14 million, paid by Tecumseh. Tecumseh and PRS were considered the Principal Responsible Parties. PRS is the contractor performing the dredging work. The Lower River project area was between the Chicago & Northwestern railroad bridge and the 8th Street Bridge in the City of Sheboygan. Dredging materials shipped to an out-of-state licensed landfill. Over 204 million gallons of water were treated. There will be follow-up sampling of the wildlife in the area every five years until pollution levels drop.
- **Camp Marina Superfund Dredging Project** - completed. Approximately 24,000 cubic yards of polynuclear aromatic hydrocarbon (PAH is a suspected human carcinogen) contaminated sediment was removed at an estimated cost of \$10 million, and was paid by Wisconsin Public Service, the Principal Responsible Party. This project was located within the Superfund Lower River section in the City of Sheboygan adjacent to Boat Island. Site restoration is currently underway. Dredging materials shipped to an in-state licensed landfill.
- **The Legacy Act Dredging Project Feasibility Study & Design** – completed at a cost of \$1,142,857. The project initiated the additional dredging in the Lower River project area.

Non-Federal Sponsors Share:

Sheboygan County	\$100,000
City of Sheboygan	\$100,000

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DNR	\$100,000
WPS	\$100,000
<u>Federal Sponsor-EPA Share</u>	\$742,857

- **Legacy Act Dredging Project** – complete. Dredging began in August, 2012. Approximately 147,460 cubic yards of PCB and PAH contaminated sediment were removed from the Lower River. The match or non-federal share of the project (40-50%) is the work being performed by Superfund and Camp Marina projects (Principal Responsible Parties), which generates a Legacy project of \$30 - \$35 million. The federal cost share funds available for this project come entirely from the Great Lakes Legacy Act through the Great Lakes Restoration Initiative (GLRI) Program of the EPA. The GLRI targets the Great Lakes Areas of Concern of which the Sheboygan River is classified. This project is primarily located in the Lower River from the 14th Street Bridge downriver to the 8th Street Bridge. Dredging materials have been shipped to in-state licensed landfills in Menomonee Falls and Whitelaw. Demobilization activities will occur into 2013.
- **Sheboygan Harbor Improvement Project** – complete. Dredging began in August 2012. Approximately 153,500 cubic yards of sediment were removed at a projected cost of \$17 - \$20 million. The project was funded through the GLRI, DNR, WisDOT, and City/County. The project utilizes the Army Corp's Strategic Navigation Dredging Authority within the navigation channel of the Sheboygan Harbor. This section is located from the 8th Street Bridge east to the Sheboygan Harbor. The City of Sheboygan and Sheboygan County were responsible for providing a local cost share in order to move forward. Each entity contributed \$250,000. Dredging materials have been shipped to in-state licensed landfills in Menomonee Falls and Whitelaw. Dredging was completed January of 2013 with some demobilization activities occurring into the spring of 2013.
- **Sheboygan River AOC Fish & Wildlife Restoration Projects** - complete. Approximately \$6.4 million was allocated for Sheboygan River shoreline restoration stabilization projects, fish and wildlife restoration and assessment, Wildwood Island restoration, eroding river bank stabilization and invasive species control in the Sheboygan River. These projects are located throughout the entire lower 14 mile section of the Sheboygan River AOC.
- **Total cost of all projects is between \$96 and \$107 million.**
- **Approximately 400,000 cubic yards of contaminated sediment were removed from the Sheboygan River. This amount equates to approximately 20,000 truckloads of material.**

For up-to-date information please visit:

<http://fyi.uwex.edu/aocs/sheboygan/>

http://sheboyganriverremedialaction.com/?page_id=68

<http://www.epa.gov/greatlakes/aoc/sheboygan/index.html>

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