Sheboygan River AOC
Dredging Projects

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Dredging in the Sheboygan River

- Dredging Workgroup – essential in the community to getting project off the ground
- Project Partners – City, County, DNR, EPA, PRPs, local stakeholders
- Goals – Contamination Removal and Navigational Issues
- Needed several projects to accomplish these goals
- Several Hurdles along the way:
  - Funding
  - Dredging all desired areas
  - Disposal Opposition
Sheboygan River Dredging Projects

Upstream of 14th Street Bridge
Some Superfund (PCB) & Legacy Dredging

Between 14th St. & Penn Ave. Bridges
Legacy Dredging & Camp Marina Superfund

Between Penn Ave. & 8th St. Bridges
Main Area of Superfund & Legacy Projects

Downstream of 8th Street Bridge
Navigational Dredging (No Superfund or Legacy)
Sheboygan River and Harbor Superfund Site

- PCB Contaminated Sediment
- Upper River remediation completed in 2007
  - Remaining floodplain impacts on Kohler Property
- Currently Lower River and Inner Harbor remediation is underway (began in spring 2011)
- Approx. 53,000 CYs with 4,600 CYs TSCA
- Hydraulic Dredging, Geotube Dewatering, Disposal at Landfills
- Funded by the PRP (PRS/Tecumseh)
Camp Marina Superfund Alternative Site

- PAH & NAPL Contaminated Sediment from Former Manufactured Gas Plant
- Some upland areas already remediated
- Time critical removal completed in 2011
- Approx. 25,000 CYs removed
- Mechanical Dredging, Dewatering with Calciment, Disposal at Landfill
- Funded by the PRP (WPS)
Sheboygan River Great Lakes Legacy Act Project

- Addresses residual PCB & PAH contamination
- Due to volume of contaminated sediments in the river and available funding, the Legacy project is not be able to address all areas anticipated by the community
- We had to focus the scope on the most contaminated areas
- Approx. 160,000 CYs planned for removal (9,000 CYs of TSCA)
- Mechanical Dredging, Calciment Dewatering and Disposal at Landfills
Legacy Project

- First Legacy GLNPO contractor project
- Match $ - using other dredging projects as well as contributions from DNR, City of Sheboygan and Sheboygan County

Photos by Deb Beyer
Sheboygan Harbor Improvement Project

- Addresses community’s navigational issues in the Inner Harbor
- There was a concern in the community about deeper contamination
- Legacy project site characterization found very low levels of PCBs
- Allowed for navigational dredging to proceed
- Approx. 170,000 CYs to be removed in 2012
- Funded by GLRI, with design and oversight by USACE
- Mechanical Dredging, Dewatering with Calciment
- Disposal was an issue
Sheboygan Harbor Improvement Project

- Disposal at a waste disposal site owned and built by the local project partners was planned
- Two possible sites were vehemently opposed by local citizens
- Since the disposal site was both the lowest cost disposal option as well as match funding for locals, more cash funding match was needed with little lead time