

# U.S. Army Corps of Engineers Role in the Great Lakes Restoration Initiative (GLRI)

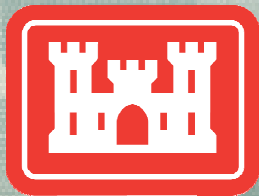
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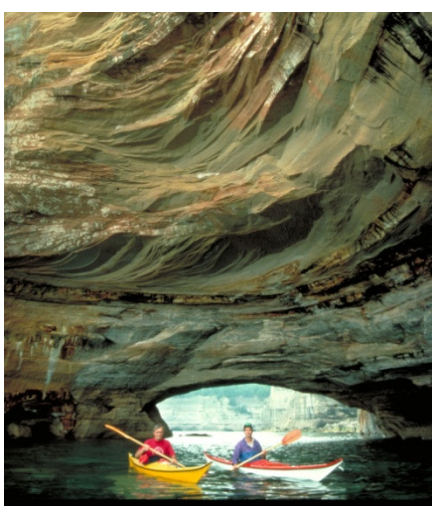
Buffalo District

August 5, 2011



®

US Army Corps of Engineers  
**BUILDING STRONG**®



# Great Lakes Restoration Initiative (GLRI)

FY2010 – FY2014

## Great Lakes Restoration Initiative Action Plan



February 21, 2010

White House Council on Environmental Quality  
 U.S. Department of Agriculture  
 U.S. Department of Commerce  
 U.S. Department of Health and Human Services  
 U.S. Department of Homeland Security  
 U.S. Department of Housing and Urban Development  
 U.S. Department of State  
 U.S. Department of the Army  
 U.S. Department of the Interior  
 U.S. Department of Transportation  
 U.S. Environmental Protection Agency



- Administration Initiative involving 16 Federal agencies
- \$2.2 Billion over 5 years (FY 2010-14)
- Action Plan defines objectives and measures of progress
- Five Focus Areas aligned with priorities established by GL governors and mayors



# Great Lake Restoration Initiative

## Action Plan Focus Areas

1. Toxic Substances and Areas of Concern
2. Invasive Species
3. Nearshore Health & Nonpoint Source Pollution
4. Habitat and Wildlife Protection and Restoration
5. Accountability, Education, Monitoring, Evaluation, Communication and Partnerships



# Summary

## USACE Funding by Focus Area (\$000)

Focus Area	FY10 Actual	FY11 Actual	FY12 Budget
Toxic Substances & AOCs	\$12,046	\$2,770	TBD
Invasive Species	\$14,263	\$10,596	TBD
Nearshore & Nonpoint	\$5,120	\$7,380	TBD
Habitat and Wildlife	\$15,003	\$7,984	TBD
Accountability	\$899	\$235	TBD
Total	\$47,331	\$28,965	



# Projects Toxics & AOCs

- FY 2010 Actual
- FY 2011 Schedule
- FY 2012 Capability

●  
Duluth Mineland

●  
Sheboygan River

●  
River Raisin

●  
Buffalo River

●  
Ashtabula River/Harbor



# Buffalo River Strategic Navigation Dredging

Remove up to 400,000 cubic yards of contaminated sediments

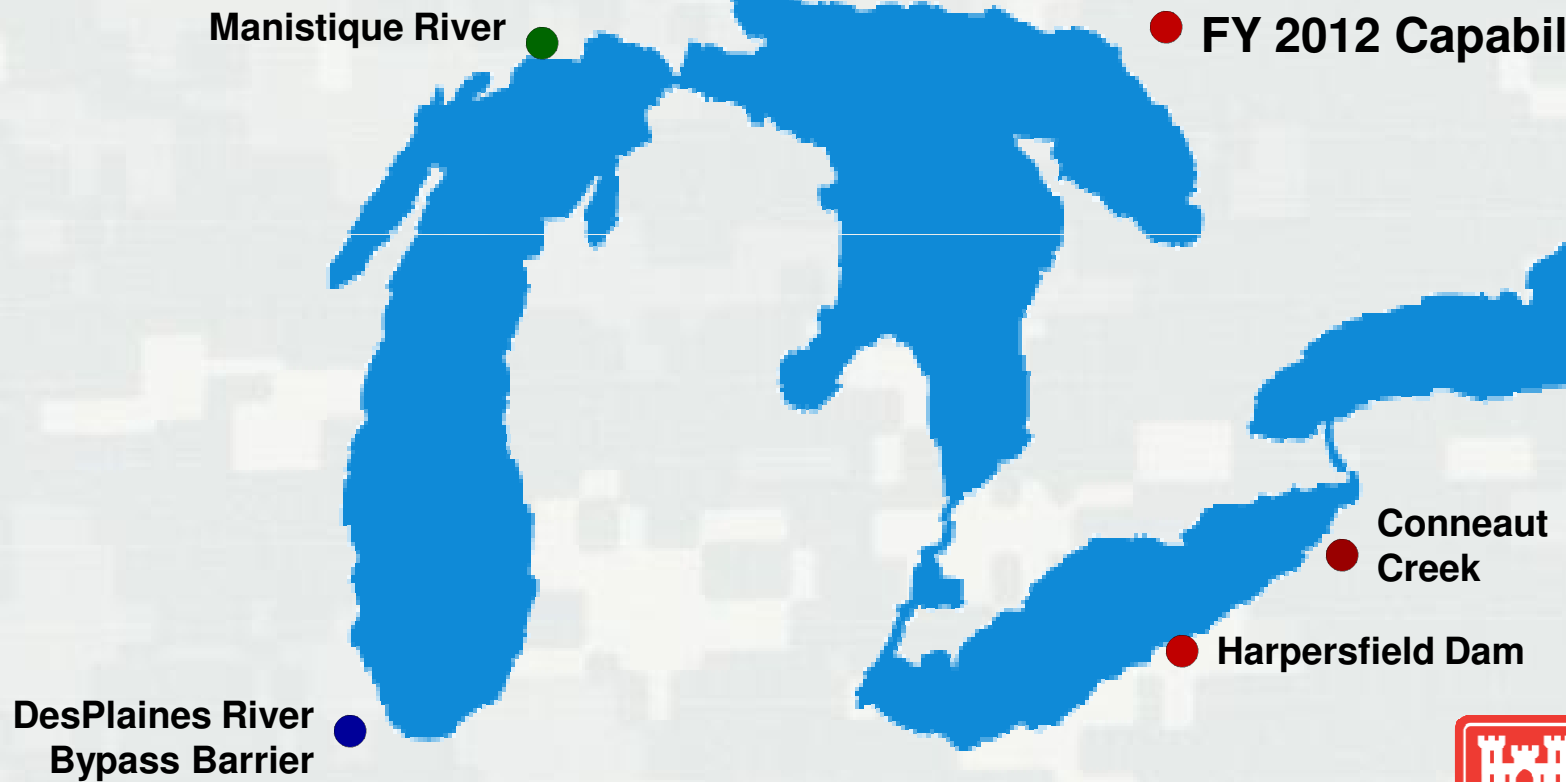
Being completed in coordination with Great Lakes Legacy Act removal of contaminated sediment

Construction to begin in summer 2011 and finish fall 2011



# Projects Invasive Species

- FY 2010 Actual
- FY 2011 Schedule
- FY 2012 Capability



# Harpersfield Dam, Grand River, OH

Sea lamprey barrier project on  
the Grand River, tributary to  
Lake Erie

Blocks access to  
approximately 300 miles of  
spawning habitat

Partners include the Great  
Lakes Fishery Commission,  
Ashtabula County Metro Parks,  
and Ohio Department of  
Natural Resources

Scheduled for construction in  
2012





# Projects Habitat & Wildlife

- FY 2010 Actual
- FY 2011 Schedule
- FY 2012 Capability



# Frankenmuth Dam, Cass River, MI

Restores access to  
approximately 73 river miles of  
high quality spawning habitat

Benefits many native and  
naturalized species including  
walleye and lake sturgeon

Provides for integrated sea  
lamprey management by  
USFWS

Scheduled for construction in  
2012



# Projects Nearshore/Nonpoint

- FY 2010 Actual
- FY 2011 Schedule
- FY 2012 Capability

Green Bay/Cat Island

Zion Beach & Ridge  
Ft. Sheridan  
Rosewood Park



## **Ft. Sheridan Coastal Habitat Restoration, Lake Michigan, IL**

The project site consists of nearly 100 acres of lake, beach, small fore-dune, ravine and bluff habitats

The non-Federal partner is the Lake County Forest Preserve and Openlands



# Support to Great Lakes Restoration Initiative (GLRI)

- **Diverse portfolio of restoration projects that have or could be constructed with FY10-12 GLRI funding to meet the goals of the Restoration Action Plan**



**16 projects to restore over 1,000 acres of wetlands and critical habitat and over 24,000 feet of stream restoration**



**5 projects to restore fishery access to over 160 miles of river around dams or other obstructions**



**Restore over 1,200 acres of coastal wetlands by strategic placement of dredged material disposal facility at AOC**

**Remove up to 750,000 cubic yards of contaminated sediments from five Areas of Concern**



**4 barriers for sea lamprey and other aquatic nuisance species**



# Great Lakes RESTORATION

