

Great Lakes Navigation Stakeholder Meeting

Shallow Draft Harbor Needs & Issues

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Great Lakes Navigation Business Line Manager

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US Army Corps of Engineers
BUILDING STRONG[®]



Meeting Agenda

Welcome; Introductory Remarks

- Self introduction of all participants

Mike O'Bryan

Shallow Draft Harbor Funding & Needs

- Funding Process and Trends
- 2010 Program Summary
- 2011 Program Summary
- Regional Dredging Provisions
- System Requirements
- Stakeholder Involvement

Mike O'Bryan

Great Lakes Small Harbor Coalition

Chuck May

Stakeholder Feedback—Open Discussion

All



Federal Harbors on the Great Lakes

✓ A non-linear navigation system with 63 federal commercial harbors and 74 federal shallow draft/recreational harbors

✓ Some shallow draft harbors are subsistence harbors or support commercial transportation (ferries) or commercial fishing activities



Federal Budget Process

- The Corps submits budget requests for all federal harbors with operation & maintenance needs
- With the limited funding available, operations and maintenance funding for deep draft navigation projects takes priority over shallow draft harbors
- Subsistence harbors and harbors that support commercial transportation and fishing are budgetable but come at a lower priority than commercial harbors



Congressional Budget Process

- President's Budget released in Feb (FY12 President's Budget is expected to be released the week of Feb 14)
- Congress works its Adds typically in the Feb-March time frame
- The Corps provides information on project requirements
- Senate and House work together to produce Conference Bill ideally to have funding in place by October

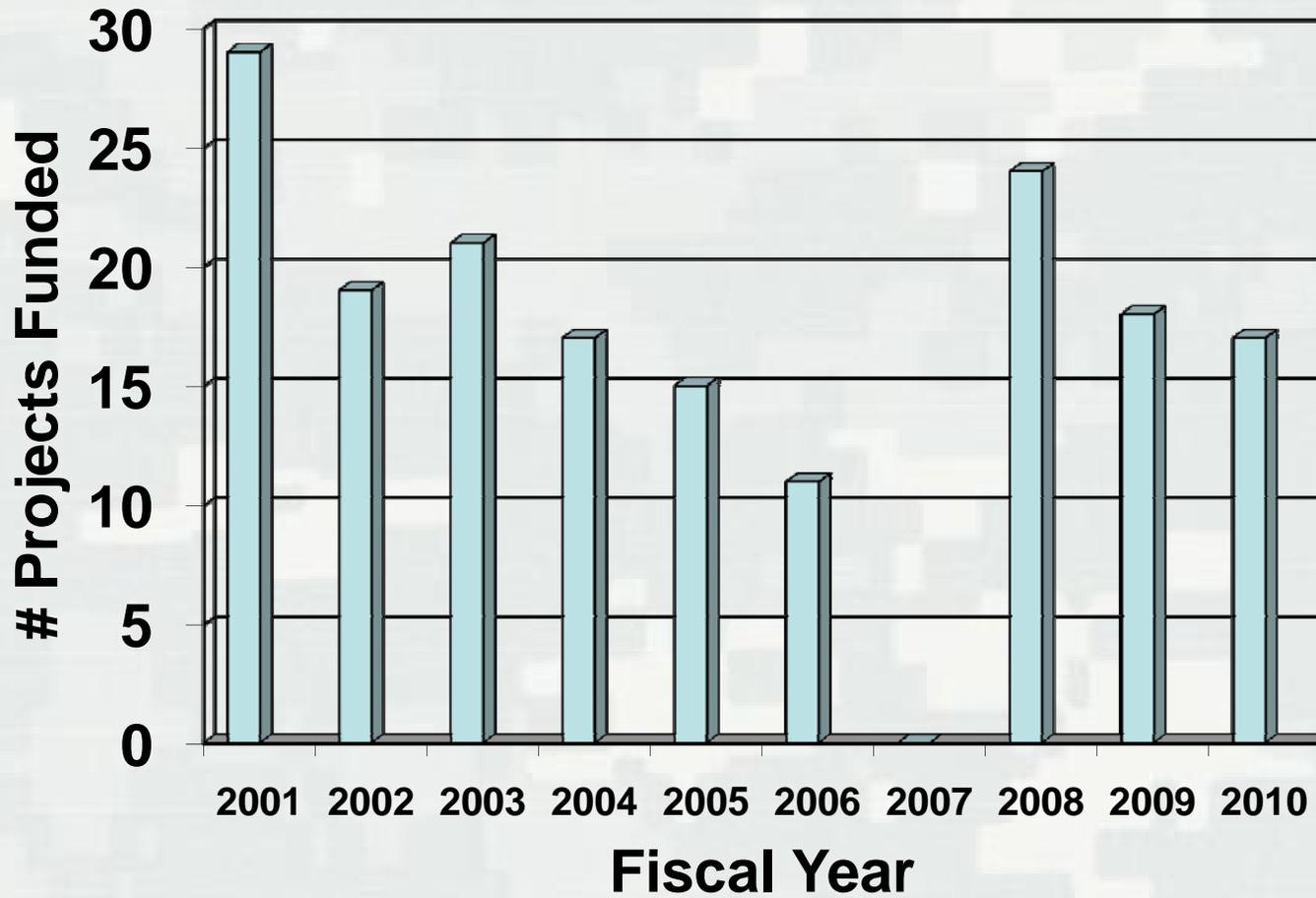


FY11 Corps Funding Status

- Congress has not passed an appropriations bill for FY11.
- The Corps is operating under a Continuing Resolution Authority (CRA), with funding levels no greater than FY10.
- Projects that did not receive funding in FY10 are not eligible for funding under the CRA.
- It is possible that we will have a year-long CRA in FY11. Funding for recreational harbors is highly doubtful under that scenario.



Historical Shallow Draft Harbor Funding



FY10 Dredging Contracts













Harbors Eligible for \$6M Regional Dredging Fund FY10

- ALPENA, MI
- **ARCADIA, MI**
- **AU SABLE, MI**
- **BAY PORT, MI**
- BIG BAY, MI
- BLACK RIVER (GOGEBIC), MI
- **BOLLES HARBOR, MI**
- CLINTON RIVER, MI
- EAGLE HARBOR, MI
- FRANKFORT, MI
- GRAND MARAIS, MI
- INLAND ROUTE, MI
- LAC LA BELLE, MI
- **LELAND, MI**
- LES CHENEUX ISLAND CHANNELS, MI
- **LEXINGTON, MI**
- **LITTLE LAKE, MI**
- LUDINGTON, MI
- MANISTEE, MI
- **MANISTIQUE, MI**
- MARQUETTE, MI
- MENOMINEE, MI
- **NEW BUFFALO, MI**
- **PENTWATER, MI**
- POINT LOOKOUT, MI
- **PORT AUSTIN, MI**
- **PORT SANILAC, MI**
- **PORTAGE LAKE, MI**
- ROUGE RIVER, MI
- **SAUGATUCK, MI**
- SOUTH HAVEN, MI
- **WHITE LAKE, MI**
- **WHITEFISH POINT, MI**



\$6M Regional Dredging Fund FY10

- ✓ **ARCADIA, MI**
- ✓ **AU SABLE, MI**
- ✓ **BAY PORT, MI**
- ✓ **BOLLES HARBOR, MI**
- ✓ **LELAND, MI**
- ✓ **LEXINGTON, MI**
- ✓ **LITTLE LAKE, MI**
- ✓ **MANISTIQUE, MI**
- ✓ **NEW BUFFALO, MI**
- ✓ **PENTWATER, MI**
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- ✓ **WHITEFISH POINT, MI**



FY09/10 Construction Projects







FY11 Anticipated Dredging Projects



FY11/12 Shallow Draft Harbor Dredging Requirements



Omnibus Bill

Regional Dredging Provisions

FY08 Commercial Dredging (\$6.544M)

- Transportation Cost Savings
- Relationship Among Harbors
- Coordinate with Stakeholders

FY08 Lake Superior Small Harbor Dredging (\$1.564M)

FY08 Michigan Reprogramming Provision

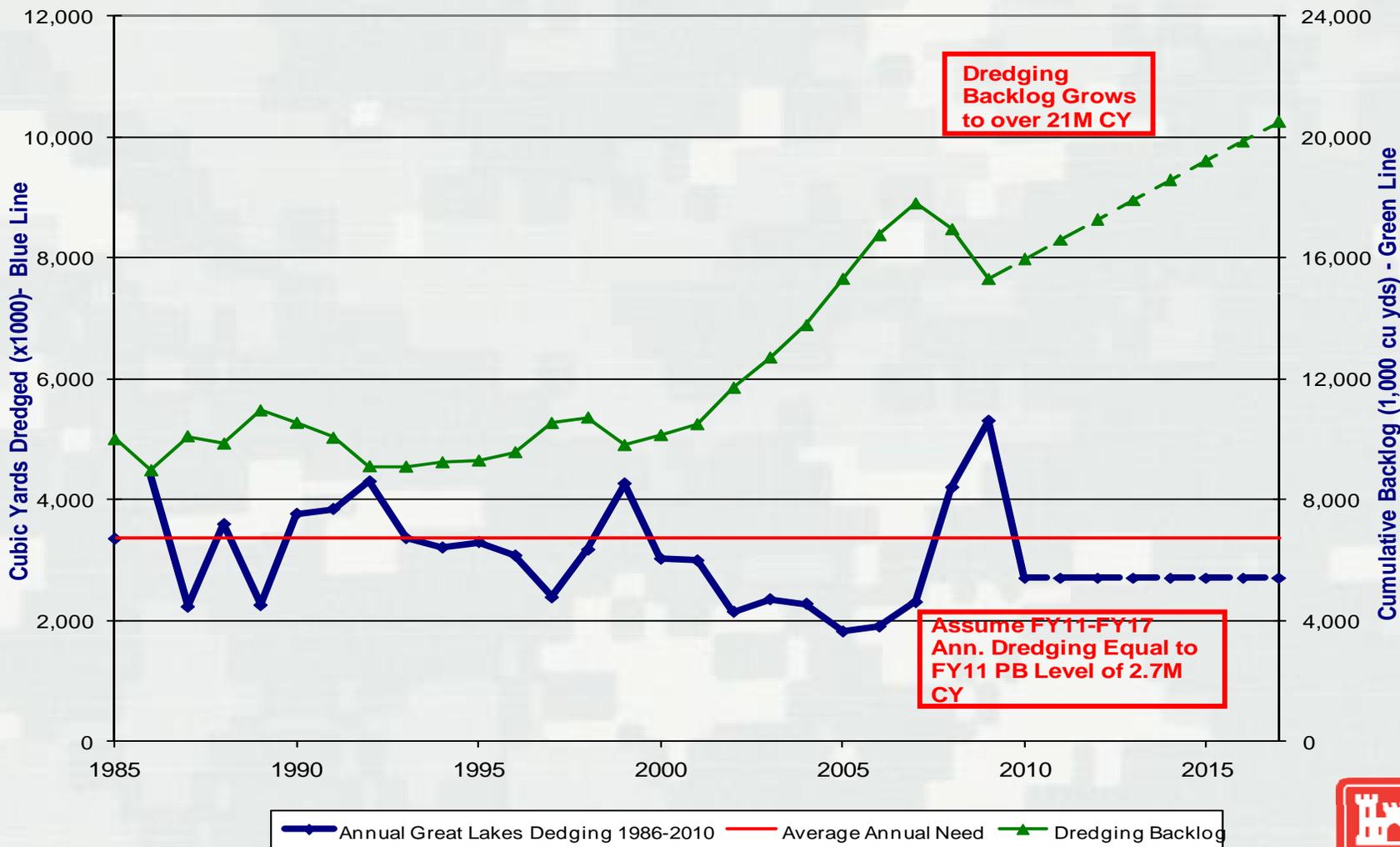
FY09 \$5M Michigan Provision (30 Eligible Harbors)

FY10 \$6M Michigan Provision (32 Eligible Harbors)

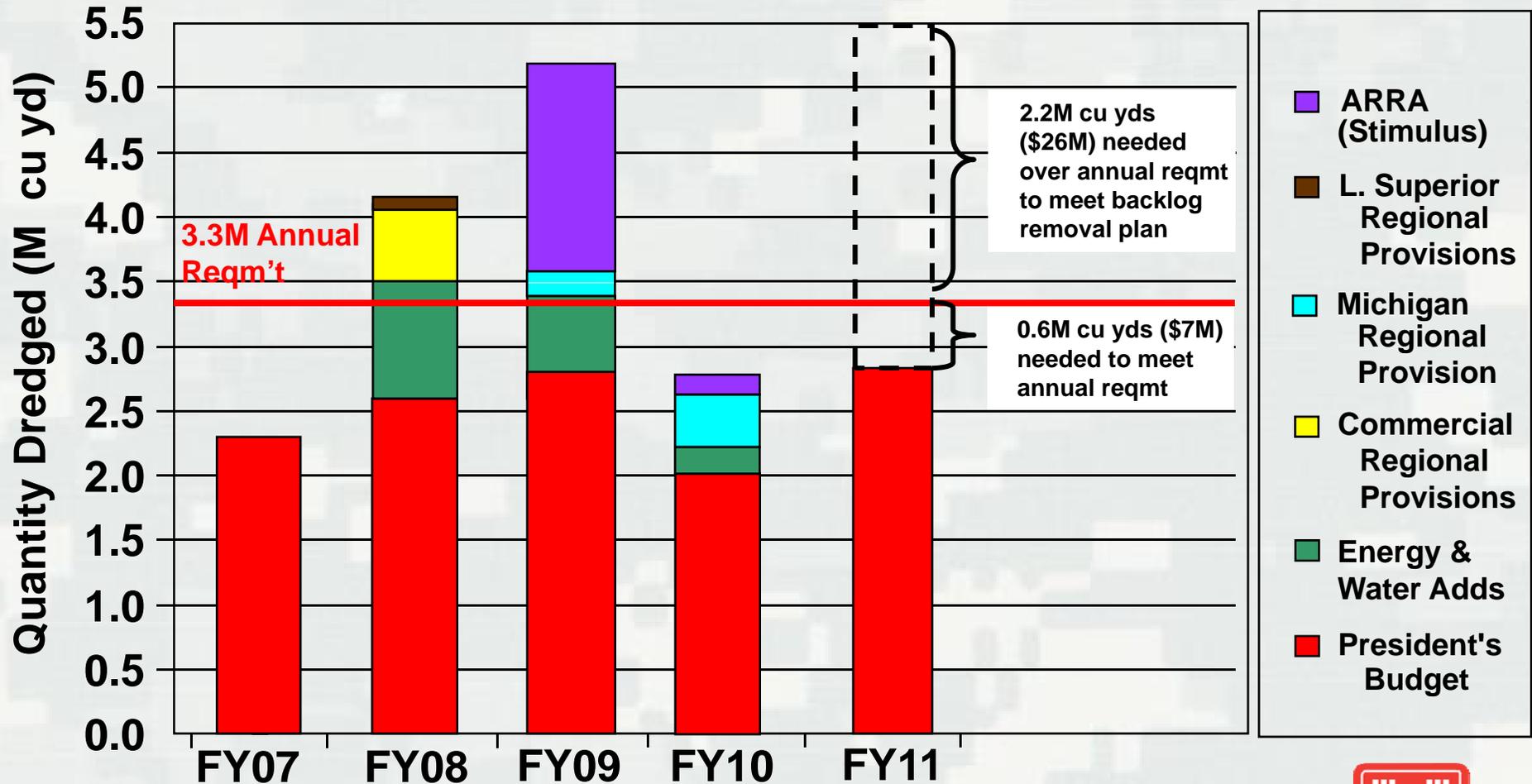
FY10 Lake Superior Small Harbor O&M (\$1.9M)



Backlog Growth Under Constrained Dredging



Dredging Funding Trends 2007 - 2011



How You Can Get Involved?

- Identifying Harbor Requirements
- Stakeholder Involvement – Meetings, submit feedback
- Communication with Ops Chiefs and Great Lakes Navigation Team



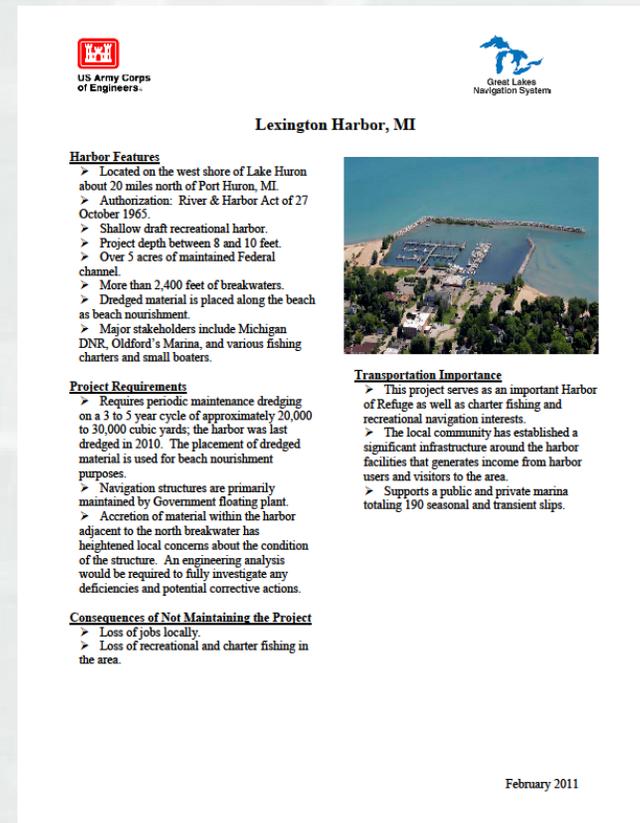
Alternatives to Corps funded dredging

- There are two primary methods for local communities to accomplish dredging outside of the traditional Corps dredging process:
 - Local community signs an agreement with the Corps to provide funding to the Corps and the Corps accomplishes the dredging including design, contractor acquisition, and dredging quality assurance.
 - Local community obtains a permit from the Corps and the state. The Corps will grant a permit good for 10 years. Must check state requirements.



Identifying Needs of Harbor Fact Sheets

- Identifying the Economic and Social Impacts Related to Maintaining the Authorized Project
- Identifying Other Critical Factors (Subsistence Harbor, Infrastructure Protected by Harbor)
- We will continue to refine the information with your help!



The fact sheet for Lexington Harbor, MI, is a document from the US Army Corps of Engineers and Great Lakes Navigation Systems. It includes a title, logos, a list of harbor features, project requirements, consequences of not maintaining the project, and transportation importance. A photograph of the harbor is also included.

US Army Corps of Engineers

Great Lakes Navigation Systems

Lexington Harbor, MI

Harbor Features

- Located on the west shore of Lake Huron about 20 miles north of Port Huron, MI.
- Authorization: River & Harbor Act of 27 October 1965.
- Shallow draft recreational harbor.
- Project depth between 8 and 10 feet.
- Over 5 acres of maintained Federal channel.
- More than 2,400 feet of breakwaters.
- Dredged material is placed along the beach as beach nourishment.
- Major stakeholders include Michigan DNR, Oldford's Marina, and various fishing charters and small boaters.

Project Requirements

- Requires periodic maintenance dredging on a 3 to 5 year cycle of approximately 20,000 to 30,000 cubic yards; the harbor was last dredged in 2010. The placement of dredged material is used for beach nourishment purposes.
- Navigation structures are primarily maintained by Government floating plant.
- Accretion of material within the harbor adjacent to the north breakwater has heightened local concerns about the condition of the structure. An engineering analysis would be required to fully investigate any deficiencies and potential corrective actions.

Consequences of Not Maintaining the Project

- Loss of jobs locally.
- Loss of recreational and charter fishing in the area.

Transportation Importance

- This project serves as an important Harbor of Refuge as well as charter fishing and recreational navigation interests.
- The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.
- Supports a public and private marina totaling 190 seasonal and transient slips.

February 2011





US Army Corps
of Engineers



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Project Fact Sheets – Page 2

U.S. Army Corps of Engineers Fiscal Year (FY) 2010, 2011 and 2012 Lexington Harbor, MI - Project Requirements and President's Budget (\$1,000)

Work Package	FY10 Requirement	FY10 Appropriation	FY11 Requirement	FY11 President's Budget	FY12 President's Budget
Project Condition Surveys	17	17			
Maintenance Dredging – Primary Work Package	283	248			
Sediment Budget Analysis – Section 111	150		150		
Coastal Structure Condition Assessment			30		
Engineering Analysis of N. Breakwater Condition	200		200		
TOTALS	650	265*	380	0	

*Portion of MI Regional dredging allocation.

Congressional Interests

- Representative Candice S. Miller R-MI-10
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI



Stakeholder Involvement

- ✓ We need your input on critical system requirements at your harbor or project
- ✓ Operations Chiefs from each District are available today with condition surveys
- ✓ Updated Fact Sheets will be on the web after President's Budget is released the week of Feb 14
- ✓ Webpage is an important mode of communication: meetings, presentations, data

www.lre.usace.army.mil/greatlakes/navigation



Key Great Lakes Contacts

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Questions?

