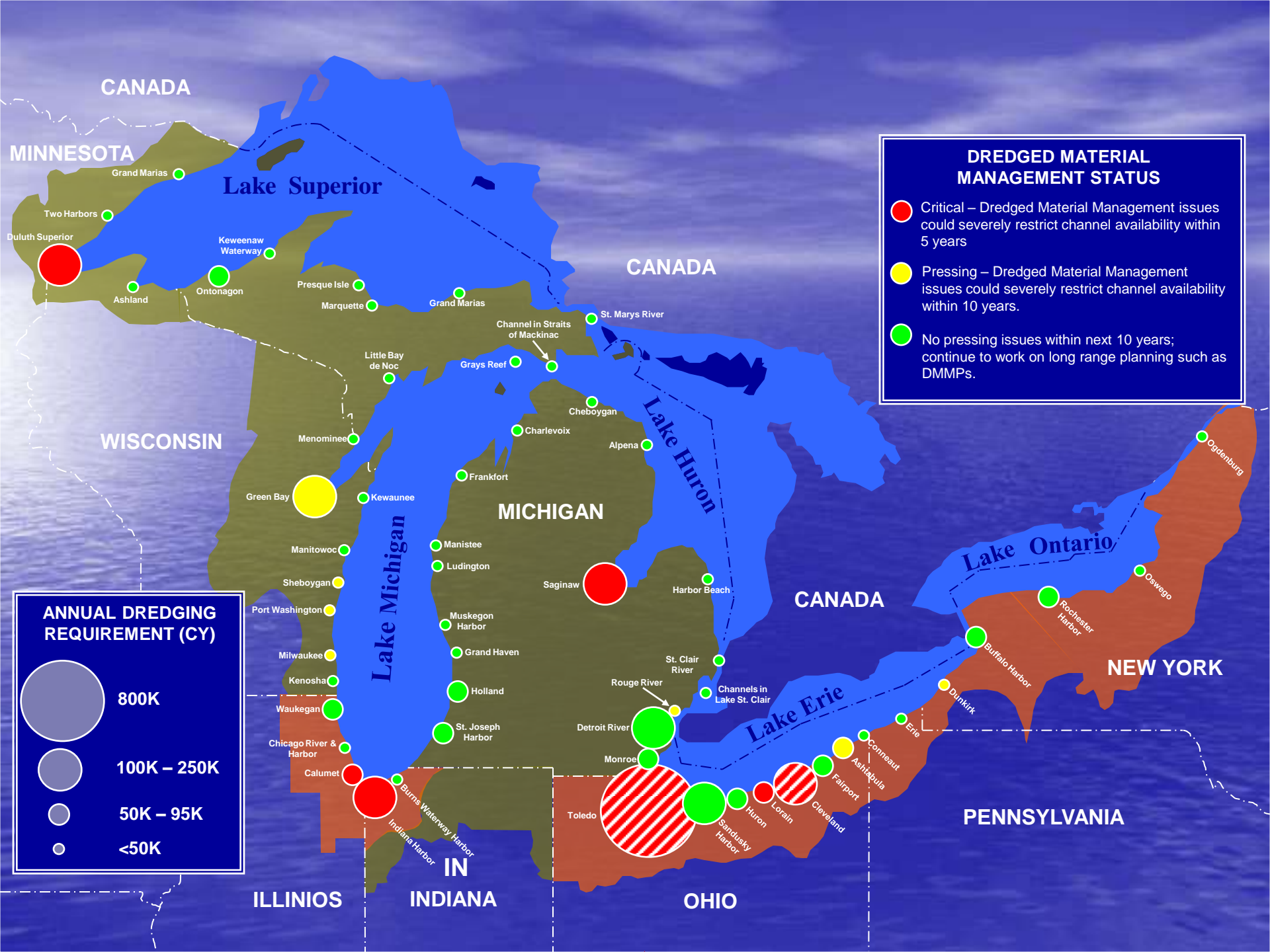


Toledo Harbor Task Force Update

2011 Great Lakes Dredging Team Meeting
May 19, 2011

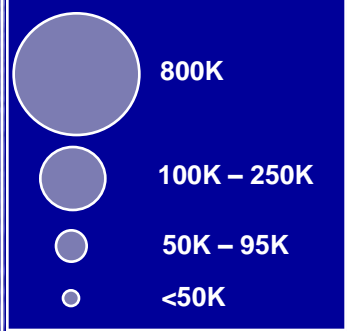
Kristin Gardner
Environmental Specialist
Ohio Lake Erie Commission



DREDGED MATERIAL MANAGEMENT STATUS

- Critical – Dredged Material Management issues could severely restrict channel availability within 5 years
- Pressing – Dredged Material Management issues could severely restrict channel availability within 10 years.
- No pressing issues within next 10 years; continue to work on long range planning such as DMMPs.

ANNUAL DREDGING REQUIREMENT (CY)



MINNESOTA
 Grand Marias
 Two Harbors
 Duluth Superior

WISCONSIN
 Ashland
 Ontonagon
 Presque Isle
 Marquette
 Grand Marias
 Channel in Straits of Mackinac
 St. Marys River
 Little Bay de Noc
 Grays Reef
 Menominee
 Green Bay
 Kewaunee

MICHIGAN
 Charlevoix
 Alpena
 Cheboygan
 Frankfort
 Manistee
 Ludington
 Saginaw
 Harbor Beach
 Muskegon Harbor
 Grand Haven
 Holland
 St. Joseph Harbor
 St. Clair River
 Rouge River
 Detroit River
 Monroe

ILLINOIS
 Chicago River & Harbor
 Calumet

INDIANA
 Burns Waterway Harbor
 Indiana Harbor

OHIO
 Toledo
 Sandusky Harbor
 Huron
 Lorain
 Cleveland

CANADA
 Ogdensburg
 Oswego
 Rochester Harbor
 Buffalo Harbor
 Dunkirk
 Erie
 Conneaut
 Fairport
 Ashabula

NEW YORK

PENNSYLVANIA

Toledo Harbor Task Force Update

Finding a sustainable balance for the environment, industry and the community is the Challenge we have faced for Decades



Toledo Harbor Task Force Update

- September 2009: Toledo Harbor Dredging Summit held in conjunction with Ohio Freight Conference
- November 2009: Task Force was officially formed and convened first meeting (9 meetings total through November 2010)
- April 2010: Task Force Charter and Roles and Responsibilities Defined

Toledo Harbor Task Force Update

Purpose: The Toledo Harbor Task Force was established to convene representation from all impacted stakeholders to collaboratively resolve challenges regarding the management of dredged material in the Toledo Harbor vicinity.



Toledo Harbor Task Force Update

Who We Are

- Toledo-Lucas County Port Authority
- USACE
- USGS
- USDA
- ODNR
- OEPA
- ODOT
- Ohio Lake Erie Commission
- ODOD
- Lucas County
- City of Toledo
- City of Oregon
- Lake Erie Waterkeepers Association
- Maritime Industry
- Ohio Sea Grant College Program
- Toledo Metroparks
- Office of Congresswoman Marcy Kaptur
- Office of Congressman Bob Latta
- Office of Senator Sherrod Brown
- Office of Senator Rob Portman

Toledo Harbor Task Force Goals

- Enhancement of native fish, bird, wildlife and plant habitats and minimization of environmental deterioration;
- Ensuring dredging of all Toledo Harbor shipping channels in conjunction with maintaining all channels to authorized depths for safe and commercially viable navigation;
- Development of a plan to ultimately eliminate open lake disposal through environmentally acceptable and financially feasible alternative analysis;

Toledo Harbor Task Force Goals

- Development and implementation of a Sediment Management Plan for Toledo Harbor emphasizing beneficial re-use of sediments dredged from Toledo Harbor;
- Development and design of at least one Habitat Restoration Unit (HRU) project ready to move to final construction.
- Encourage consideration of dredge material as resource for beneficial reuse.
- Assist in identifying and securing funding for sediment management plans and projects.

Toledo Harbor Task Force Update

- September 2010: GLRI sub granted from OLEC to TLCPA
- November / December 2010: Three teams of consultants were interviewed and team led by Hull & Associates was selected to work with Task Force on plan construction.
- April 2011: Task Force Meeting

The Toledo Harbor Sediment Management and Reuse Project will develop a plan to reduce sediment and pollutant loading to the near shore area of the lake. This will be achieved by development of a plan guided by the Task Force that will include short and long term options to eliminate open water disposal, restore aquatic and upland habitat as well as provide alternatives for the reuse of dredged material.

Project Tasks:

Task 1: Task Force Facilitation and Data Collection

- Quality Assurance Project Plan
- Data Collection and Management
- Participate in Task Force meetings and subcommittee meetings
- Facilitate two Public Workshops to gain stakeholder input and consensus on the approach (process/decision)

Toledo Harbor Task Force Update

First Workshop – Seek Stakeholder Input on Specific Alternatives and Issues:

- Identify HRU and other alternative management approaches considered to date
- Identify stakeholder issues and priorities
- Propose objective criteria to evaluate alternatives that reflect stakeholder issues and priorities
- Solicit information from the public and agencies concerning potential data gaps

Thursday, June 16, 2011
1:00 p.m. - 5:00 p.m.
Toledo Maritime Center, 1701 Front Street,
Toledo, Ohio 43605

Toledo Harbor Task Force Update

Second Workshop – Seek Stakeholder Input on Task Force

Approach:

- Present suite of alternative technical approaches with general pros/cons
- Establish a process to include technical alternatives identified during the workshop
- Present an objective methodology to establish consensus of the steering committee on the most viable alternative(s)
- Solicit comment and stakeholder input on the proposed approach
- Modify the methodology as appropriate to reflect workshop input

Date To Be Determined

Toledo Harbor Task Force Update

Tasks 2 - 6: Short-term (1- 5 years) & long-term (30 year) alternatives

- Beneficial reuse options
- Deployment of Habitat Restoration Units
- Alternatives for the disposition of contaminated dredge materials
- Watershed-based erosion reduction actions
- Environmentally acceptable dredging practices
- Construction, material placement, & ongoing maintenance costs
- Identification of funding sources - revenue generation/grants

Task 7: Sediment Management Plan

- Establish short-term plan and long-term plan
- Identify funding needs, potential fund sources/mechanisms and activities
- Timelines for options/obtaining funds to implement recommended solutions

What's Next?

- Hull & Associates will work with the task force membership to create an online data repository for review.
- Hull & Associates will work with the task force and Great Lakes Commission on soliciting ideas for the beneficial use of material through workshops.
- Habitat Restoration Units (design, location, etc.) and other beneficial reuse options will be evaluated according to critical criteria (such as cost, volume, environmental benefit) along with sediment reduction strategies and dredging techniques.
- The best short and long term options will be recommended and the plan will be finalized by May 2012.
- The task force will work to identify funding to implement the plan as it is being devised.

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