

**Annual Meeting of the Great Lakes Dredging Team**  
**May 21-22, 2014**  
**Maumee Bay Lodge and Conference Center, Oregon, OH**  
**Meeting Summary**

**Wednesday, May 21, 2014**

**Welcome and introductions**

The meeting was convened by Federal Co-Chair Ernie Drott, Chief, Great Lakes Program Support Division, U.S. Army Corps of Engineers (USACE) Great Lakes Ohio River Division, and State Co-Chair Steve Galarneau, Director of the Wisconsin Department of Natural Resources Office of the Great Lakes and the Contaminated Sediment Unit.

The meeting agenda is included as **Attachment #1**.

The participants list is included as **Attachment #2**.

**Great Lakes Dredging Team Update on 2014 activities**

Tom Crane, Deputy Director of the Great Lakes Commission, representing the Commission's role as Secretariat of the Great Lakes Dredging Team (GLDT), presented the progress for each committee for the past year.

- Steering Committee: The committee held a monthly conference call, and more often during the planning of the Open Water Placement Summit.
- Outreach Committee: The committee held conference calls at least quarterly, and will be seeking more participation/membership.
- Legislative Committee: The committee met four times in the last nine months. While this committee has generated the most interest among GLDT participants, it has yet to identify co-chairs, which will be a priority to discuss during breakout sessions
- Technical Committee: This committee has multiple issue areas, which may be addressed with sub-committees, and is still being populated.

Crane also presented products and accomplishments:

- General outreach:
  - A revised GLDT fact sheet has been completed.
  - The GLDT website has been re-designed and updated.
  - A joint poster has been produced highlighting the shared interests of the GLC/USACE Tributary Modeling program and the GLDT.

- Informational accomplishments:
  - A draft paper has been developed in collaboration with USACE contractor Ecology & Environment Inc. (E&) on beneficial use partnerships with state departments of transportation.
  - A briefing paper on the practice of open water placement of dredged material has been drafted and will be finalized after processing outcomes from the Open Water Placement Summit.
  - Water Resources and Reform Development Act (WRRDA) was discussed during the Legislative Committee breakout session and will be addressed in the committee reporting.
  
- Charter: Tom Crane is updating the GLDT Charter, which should be finalized by November, 2014.

### **GLDT Priorities for 2014-2015**

Ernie Drott and Steve Galarneau presented GLDT priorities for the coming year:

- Build partnership and collaboration among members of the GLDT in an effort to reach consensus where possible on major issues.
- Highlight importance of research and development to close data gaps and support development of science-based dredging policy and practices.
- Promote maximum sustainability and efficiency of the Great Lakes Navigation System.
- Continue to develop and update outreach and communication products
- Explore more aggressively opportunities offered by the Great Lakes Restoration Initiative (GLRI), knowing that GLRI funding may last only through FY 2019.
- Develop more public-private projects.

### **Environmental Windows Research Update**

Burton Suedel, research biologist at the USACE Engineer Research and Development Center (ERDC), presented an update on environmental dredging windows research, including:

- Potential impacts of windows policy
- Lack of a consistent, objective, and widely accepted methodology among states for setting dredging windows
- Data gaps, specifically pertaining to effects of suspended sediments on several aquatic species
- Presentation of the Fish Larvae and Egg Exposure System (FLEES)
  - Built to help address the data gaps associated with aquatic species
  - Simulates the impact of suspended sediments
  - The whole system can be taken apart and transported
  - Requires a small quantity of sediments (only a few five-gallon buckets needed)
- Research on the impact of suspended sediments done at ERDC:

- Species chosen according to USACE district priority
- Two case studies were presented to help to show how the research on the impact of suspended sediments can help to better inform environmental windows.

Case study examining impact of dredging on Maumee Bay walleye populations:

- Objective of the project: Develop suspended sediment effects data for walleye early life stages to reduce uncertainty about effects and better inform science behind environmental windows
- Two experimental phases in 2010 and 2011
- A duration of three days mimics typical environmental conditions of dredging and how long the sediments can remain suspended in the water column at different concentrations
- Data collected on specimens:
  - Fingerlings: survival, coiling, scoliosis, lordosis/kyphosis, gill integrity
  - Eggs: viability and hatchability, wet and dry mass
- The study found no significant impact of suspended sediments on either fingerlings or eggs

Case study examining impact of dredging in the Savannah (GA) harbor on Atlantic sturgeon:

- Objective of the project: Develop suspended sediment effects data for sturgeon to reduce uncertainty about effects and to better inform the decision about environmental window
- Duration of 3 days mimics the environmental conditions of dredging and how long the sediments can remain suspended in the water column at different concentrations
- Measured: survival, growth and swim performance
- The study found no significant impact of suspended sediments on Atlantic sturgeon

### **Adjournment for the day**

The meeting adjourned for the afternoon committee breakout sessions at 3:15pm.

### **Thursday, May 22, 2014**

Steve Galarneau welcomed the group to the day 2 proceedings with a brief update on the State Summit on Open Water Placement which was held just prior to the GLDT Annual Meeting.

## **Report on May 20-21 State Summit on Open Water Placement of Dredged Material**

Steve Galarneau reported that immediately preceding the GLDT Annual Meeting, state agency and USACE personnel convened a special summit meeting to discuss issues relating to open water placement of dredged material.

Overarching themes included:

- There is a shared recognition by the states and the federal government of the need for an effective, efficient dredging program.
- The eight state jurisdictions allow for differing points of view for evaluating processes and opportunities to improve efficiency.

It was noted that on April 15, the GLDT hosted a states-only webinar on open water placement. Most of the states participated and they were able to discuss decision-making processes in their respective states. Similarly, states were able to share anecdotes of successful projects and challenges. An issue brief has been drafted as a companion to the webinar and summit. To gather information for the briefing paper, a questionnaire was sent to the states to help understand the regulatory framework governing Open Water Placement of dredged material. The answers were incorporated in a paper addressing the issue that is in preparation

Action items from the summit included:

- Review the Federal Standard for evaluating dredged material for management decision making
- Revisit the Great Lakes Testing Manual guidance document
- Review infrastructure and dredging contractor capacity, specifically whether the contractors have the necessary assets and equipment to enable them to place material in the shallow near shore zone.
- Create a permitting task team among the states
- Analyze the status of system-wide CDF capacity and next steps
- Strengthen the relationship between federal agencies and states
- Consider issues relating to the public perception of open water placement

Galarneau noted that the summit was part of a process that can be used in the future. Some tasks will be incorporated in the workplans. It was a good example of how the GLDT can address other issues, like risk assessment.

Galarneau then introduced Scott Pickard, UACE-LRB who gave presentation on the application of the federal standard using three data sets as an example

## **Overview of the Federal Standard in the Regional Dredged Material Management Decision-Making Process: A Comparison of Three Data Sets**

Scott Pickard, Ecologist, USACE Buffalo District, presented the application of Federal Standard by using case examples to explain the decision-making process. Main points included:

- Data involved in the process include: particle size, chemistry (metals, nutrients, organic compounds), bioassays to evaluate the benthic impacts (composition of dredged material and lake sediments, acute testing, one sublethal – chronic – test), bioaccumulation, impact of dredged material on water column, elutriate (discharge vs. water quality standards, with open lake scenario and with release of contaminants during placement of dredged material in CDF), polycyclic aromatic hydrocarbons (PAH) in port water
- Three ports were studied: Ashtabula and Cleveland in Ohio, and Duluth-Superior in Minnesota/Wisconsin
- Additional studies were employed in the Cleveland harbor to ensure USACE was making a fully informed decision. Results of the tests show that the sediments meet the standards for all ports.

## **2014-2015 USACE Great Lakes Dredging Program**

Marie Strum, Assistant Chief – Engineering Services, USACE Detroit District, presented an update on the Corps' Great Lakes Dredging Program. The highlights are:

- Great Lakes form a system with 140 harbors: 60 commercial harbors and 80 recreational/shallow draft harbors
- FY13: \$85.9M (\$31M in dredging – 15 projects and 2.4M cubic yards, \$12M in dredged material management, \$3.1 in Soo Asset renewal)
  - State of Michigan provided funds to help dredging in 7 ports
  - There were some funds dedicated to the Great Lakes in the Hurricane Sandy help fund
- FY14: \$94.9M (\$39.9M in dredging – 18 projects and 3.1M cubic yards, \$10.6M in dredged material management, \$1.6 in Soo Asset renewal)
  - Additional allocation: \$23M (\$13.8M in dredging – total of 30 projects and \$54M for FY14, \$5.5M for Soo Locks Asset renewal, \$853K for Chicago Locks, \$1.1M for Black Rock Lock, \$950K for Port Washington structure repair)
- FY15: \$102.5M (\$39.2M in dredging – 16 projects and 2.7M cubic yards, \$9.8M in dredged material management, \$5.3 in Soo Locks Asset renewal)
  - 28% greater than the FY12 President's Budget
  - 3.3M cubic needed to be dredged annually but only 2.7M cubic yards were dredged during FY15
- On the St. Mary's river – 75 miles of channel needs to be addressed. Sections will be dredged this year and next year
- Dredging funding trends between 2007 and 2015 show that the cost of dredging is always increasing and it's not possible to dredge the same amount of cubic yards with the same budget. Also, it's hard to forecast two years in advance what will be

the need. The dredging backlog grows every year and could escalate to 20M cubic yards in 2020

- The current dredged material management conditions show that there are four critical ports (Duluth/Superior, Calumet, Cleveland and Toledo) and three pressing ports (Sheboygan, Port Washington and Ashtabula). Toledo represents approximately  $\frac{3}{4}$  of the total amount of sediment dredged each year. Calumet is also running out of its CDF capacity.
- There are initiatives underway to reduce the requirements and increase the efficiency:
  - Leverage EPA funding from Legacy Act and GLRI ( to be used for both dredging and dredged material management)
  - Work with states and local sponsors on finding beneficial uses of dredged material and reuse of CDF material
  - Work with states on acceptability of testing protocols for open lake placement
- Generally, lake levels are higher this year than in years past but that doesn't eliminate the backlog of dredging projects. It just gives more time to find the resources to try to accomplish more dredging. Evaporation is increasing each year, which has an impact on water levels. Climate change could cause more extreme weather events. Coupled with greater punctual precipitation, that can increase runoff and sediment in the channels

### **Great Lakes Sediment Testing Manual for Beneficial Use of Dredged Material**

Richard Price, Research Agronomist, USACE-ERDC, presented an ERDC progress on developing a new testing manual for beneficial use of dredged material. Main points included:

- The Great Lakes ports have a unique situation where most ports are surrounded by population. This restricts the ability to do beneficial use around the ports.
- There has been research on the development of dredged material management alternatives since the 1970's. The first manual didn't address contaminants.
- For beneficial use projects, look at feasibility, logistics, and environmentally acceptable alternatives. There has to be an evaluation of socioeconomic, technical, and environmental considerations for the projects.
- EPA manuals are available for inland and upland testing, and also one for the Great Lakes region. These manuals contain methods for technical notes and project reports. Other regional and state guidance documents are also available, like the Great Lakes Beneficial Use Taskforce document.

Objectives of the new manual include:

- The manual should serve as a central web-based guidance document using standardized risk-based testing methods, with consistency in interpretation. The web-based guidance document should also contain updated regulatory guidance

applicable to Great Lakes states and a regional cost-effective approach to sediment management

- Sediment quality should be defined according to suitability of use: sand quality, sediment quality, soil quality, unrestricted fill, restricted fill, impaired. This is a risk-based approach relative to the contaminants present in the sediment. It not only defines if sediment is suitable but also provides an analysis of utility.
- The evaluation of the dredged material management suitability is based on a tier approached; if the information from one tier is complete enough to allow a decision to be made, the evaluation stops there and does not go to the next tier.
- The analysis of dredged material suitability is made for aquatic and upland use. Some new tests are included in the new manual
- The new manual will make it easier to find information
- The manual is still under review. ERDC is engaging with the states to acquire information from each of the states. The name of the manual is also being discussed.

### **Beneficial Use of Dredged Material Update**

Dave Knight, Great Lakes Commission contract staff, reported on three case studies presented at a recent conference on beneficial use of dredged material held by the Center for Freight & Infrastructure Research & Education (CFIRE):

- In Iowa: Dredged material was used successfully to fill a destabilizing scour hole under a highway bridge over the Missouri River in the flood of 2011, in an example of how a collaborative approach can be effective in an emergency response situation.
- In Florida: The concerns are similar to the concerns in the Great Lakes (loss of habitat, HAB), but the material is in worse condition. There are a lot of beneficial use projects: stabilization, habitat restoration, island building / artificial reefs.
- In New Jersey: the Department of Transportation is very involved in beneficial use of dredged material. For them, dredged material is not a type of material; it is considered a source of material that is cheap and readily available.

Gene Clark, Coastal Engineer for the University of Wisconsin Sea Grant Institute, presented some projects involving beneficial use in the Great Lakes

- Ohio: pilot project with bed load interceptor/collector
  - This is a passive system in the way that it collects the sediments in the river without any active equipment, but the material has to be pumped out of the sediment traps.
  - Because sediment is intercepted before reaching the ports, there is no concerns about contamination and it allows managers to avoid using a CDF
- Piping plover habitat: in the St. Louis river AOC in Wisconsin. Sandy material is placed so that it feeds the groins. Using the material in this manner is a beach nourishment project-

## GLDT Member Updates

### New York:

- They are in the process of updating their guidance document including a technical guidance for screening of contaminated sediments
  - This updates the guidance for class A, B, C sediments for the entire state (Great Lakes + coastal New York)
  - The guidance document is expected to come out this year
  - The public review phase is done

### Michigan:

- Seven dredging projects were completed last year using state funds in an unprecedented collaboration with the USACE.
  - The state-funded projects were primarily recreational ports
  - The program was a one-time-only response to hardship caused by unprecedented low level of water
- Participated in the Council of Great Lakes Governors (CGLG) Great Lakes-St. Lawrence River Maritime Initiative
  - It will be reaching out to state Department of Transportation agencies and looking at some dredging issues
  - Matt Doss will coordinate with the staff of CGLG

### Minnesota

- The 21<sup>st</sup> Avenue West project in Duluth is a pilot project showing a good example of potential beneficial use of dredged material
- They are in the designing and planning phase of delisting the St. Louis River AOC
  - Using a multi-agency fund to address habitat restoration with projects like the Cat Island project.

### Ohio

- The port of Toledo is an example of political and public interest concerns. Ohio highlighted the new \$10million for appropriated by the state for the Restore Lake Erie Initiative.
  - beneficial use evaluations are made by the Lake Erie Commission
  - The project is tied to infrastructure and construction
  - The expiration of the fund is in 2 years, but the governor would like the project realized this summer
- There are issues with the port of Cleveland. Ohio did not issue a 401 certification. There is still dialogue between state agencies and USACE to resolve the permitting issues and come up with innovative beneficial use for sediment dredged from the Cuyahoga River.
- U.S Fish & Wildlife Service is conducting research on environmental windows using acoustic tracking to monitor fish movement in Lake Erie.

- State representatives were satisfied with the Open Water Placement Summit and the discussions that it prompted.

#### Pennsylvania

- The state has not dredged since 2011.
- They were happy with discussions during the Annual Meeting and the Open Water Placement Summit.

#### Wisconsin:

- They had three smaller harbors dredged this year.
- They are working on delisting two out of the five AOCs located in the state.
- They classify dredged material as solid waste.
  - A five-year low hazard exemption was granted to use fine dredged material at Erie Pier.

#### Illinois:

- They have a 10-year dredging permit, so they just require IEPA approval to put material near shore or on the beach.
- USEPA just finished superfund dredging in Waukegan harbor.
  - USACE plans to dredge the channel in Waukegan.
  - The material not placed in open water, is used as land cover at a site by the harbor.

#### ERDC:

- They are working on a literature review on environmental risk associated with the open water placement of dredged material.
- They are also working on the beneficial use guidance document and standard.
- New Jersey developed a beneficial use program through the Department of Transportation – Maritime Resources Office.
- They are interacting with Minnesota Pollution Control Agency.

#### USACE Great Lakes Ohio River Division:

- They want to incorporate a culture change with the increase use of public-private projects, they have 15 pilot projects.
- They have 3 main projects: CDF, deepening channel in the Gulf, recreation facilities.

#### USFWS:

- They are working on GLRI projects where there are a lot of opportunities for win-win: Cat Island, Saginaw Bay CDF (one of the most important colonial bird habitat), beneficial use at Grassy Island.
- They try to engage the fisheries people in beneficial use projects.

#### USEPA:

- Update on AOC:
  - Sediment remediation and habitat restoration projects.

- They are hoping to delist Deer Lake and White Lake soon, these would be the 3<sup>rd</sup> and 4<sup>th</sup> AOC delisted.
- Great Lakes Legacy Act cleanup
  - Public-private project at Buffalo River
  - Grand Calumet
  - 2 projects are signed (Menominee, Milwaukee AOC)

## **Water Resources Reform and Development Act (WRRDA) of 2014**

GLC intern Margaux Valenti provided the following report:

The Water Resources Reform and Development Act (WRRDA) of 2014 was passed by United States Congress in May. This new Act amends the previous Water Resources and Development Act (WRDA). The new WRRDA institutes a number of changes that will affect the Great Lakes Basin as a region and community. First and foremost, the new Act creates The Great Lakes Navigations System (GLNS) which, recognizing the interdependence of Great Lakes Ports, treats the Great Lakes as one connected system instead of independent lakes. The authorization bill aims to balance the Harbor Maintenance Trust Fund (HMTF), revenue with expenditures, by 2025. Furthermore, the amended WRRDA includes a number of set asides which are applicable to the Great Lakes. These set asides create additional funding buckets which the ports in the Basin may tap into. The appropriation determination for these set asides and whether a port can get money as both a Great Lakes Port and an Emerging or Underserved harbor has yet to be determined.

2014 WRRDA Set Asides:

- Great Lakes Ports: 10% above FY12 levels
- Emerging Harbors (currently called “low-use harbors”): Handle less 1M tons of cargo annually; 5%
- Underserved Harbors: Handle less than 10M tons of cargo annually; 10%

## **Committee reports, priorities and action agendas**

### **Legislative Committee**

The legislative committee went over the committee’s workplan items making additions and deletions as necessary.

- The committee discussed mining of CDFs and contemplated whether this should be a priority for the committee. Discussions highlight the difficulties quantifying certain environmental benefits, like placing material in the littoral zone. This precludes this type of action from being included in a cost benefit analysis. Committee members offered examples. For instance, Rep. Nolan (MN) has looked at this issues and there was proposed language.
- With regard to shore protection, the committee discussed exploring the effects of 204 authority versus using O & M funds and how this can effect a project.
- The committee agreed to keep monitoring Superfund and brownfield redevelopment in the work plan but there is no immediate need for action so the

Committee decided to continue to monitor applicable projects as well as research NJ policies.

- Track progress and implementation of WRRDA keeping the committee updated.
- Leadership: The committee has agreed that leadership will remain with GLC staff. It was agreed that the institutional difficulties discussed last year that may preclude a committee leader from signing a letter on behalf of the committee have not subsided. Likewise, the committee agreed that it can rely on alternate channels, like GLC, to effectively convey their state's interest.
- The committee also discussed recent changes. These include:
  - Healthy Lake Erie Initiative in Ohio. This initiative moves \$10 million from the general fund and appropriates it to studying alternative means of dredged material management.
  - CGLG Maritime Initiative: Matt Doss and Jim Weakley to follow up on this issue and speak to CGLG
- Committee will work with the technical committee to review the federal standard and look for areas of potential flexibility.
- Committee shall explore which CDFs are potentially available for Reuse. The USACE indicated that they have information on capacity but that there is a need for information on the composition of the material in the CDFs.

### **Technical Committee**

- Technical Committee State Co-chair Gene Clark led a review of the draft Technical Committee Workplan for 2014-15, including action items and priorities for the committee's three areas of focus: Beneficial use of dredged material; open water placement and environmental dredging windows. Also included were reference to three white papers being developed by contractor E&E: 1) DOT partnerships in beneficial use; 2) State and federal policy on beneficial use; and 3) a pilot project for promoting and marketing beneficial use.
- Discussion was held on new ideas to supplement the committee's work plan:

**Beneficial Use** ideas included discussion on :

- Commoditization of dredged material
  - Erie Pier used as a prototype for conversion from CDF to a "Re-use and Processing Facility"
  - Development of a market strategy
  - Establish consumer demand and profile in advance
  - Explore urban "land banks" looking for fill in housing demolition efforts
    - 10,000 houses in Cleveland, 40,000 in Detroit w/ basements to be filled

- Legislative incentives
  - Requirements for government contractors to use dredged material
- Pre-approval by regulators for use of dredged material to accommodate fast-emerging opportunities

Potential actions included:

- Development of a uniform state regulatory mechanism or framework of all states' policies governing beneficial use of dredged material.
- Revision and update of the federal guidance manual.
- In the area of habitat restoration, needs should be identified for equipment/assets/infrastructure for nearshore placement of dredged material.
- Maximize leverage opportunities with Great Lakes Restoration Initiative while they still exist.

**Environmental Dredging Windows** ideas were also discussed and included:

- Development of a risk assessment framework from research data currently being generated.
- Address the fundamental question posed by USACE: How can windows be shortened?

Potential action:

- Convene a conference among states to discuss and compare dredging windows policies

### **Outreach Committee**

#### Outreach products

The committee discussed the products that came out during the last year. The GLDT Fact Sheet was published at the end of 2013 and the FAQs document was produced at the beginning of 2014. Both documents can be found the website. There was also a poster produced jointly between the GLDT and the Great Lakes Tributary Modeling Program. This poster was on display during the meeting and a printable copy is available on request. The file will also be available on the website.

#### Website

The committee reviewed the new website that was launched on May 19, 2014. Michele Leduc-Lapierre was responsible of transferring content on the new website and editing it. Sarah Gross will be helping in the future. Some comments were made about technical things

to change on the site, like opening all links in new windows, adding some content in some pages (action plans from each committee, all annual meetings information available as far back as possible, harbors fact sheet from USACE, Genesis dewatering technology in the “Technologies” section, WRDA information in the news section, printable version of the poster in the “Publications” page), and to verify who is the recipient of the email in the “Contact us” page.

The committee had some discussions about the possibility to publish events that are also associated to other projects, like projects initially planned for the Great Lakes Tributary Modeling Program. Some technical aspects have to be clarified, but we will try to make sure this becomes possible. The committee also talked about the possibility to send out email notifications when there is new information on the website, this will have to be investigated.

Two new additions were talked about for the website. The first one is to create a photo gallery with pictures about dredging, beneficial use, or any other related image. These pictures could be used by partners and could also be part of a slider on the homepage of the website. The second project would be to create a page where an interactive map would be available to the visitors of the website. This map would contain the information about environmental windows to begin with, but could be improved in the future by adding layers on the map according to the kind of information that is available and that is of interest.

### External outreach

The committee also discussed ongoing projects and new ones. The team should try to get more involved with Sea Grant, since they do a lot of outreach and could be a good ally. To expand the outreach possibilities, the committee talked about a project that is planned for the Great Lakes Tributary Modeling Program, which is to produce short informative movie clips that would be posted on the website and on YouTube®. These clips could present some issues, information, or interviews with stakeholders related to dredging in the basin or even nationwide. Another good way to reach out more and get the information to interested parties would be to use Twitter, Facebook, and other social medias. The Outreach Committee will work to create a social media strategy to expand publication of information and try to reach more stakeholders.

### Internal outreach

The project of creating Newsletters was introduced in the previous annual meeting and was on the workplan. The committee decided to start by creating internal Newsletters that could be sent to the GLDT members every other month. It would contain information about dredging in the Great Lakes, news from the members and partners, and progress of the items in the committees’ workplans. The external Newsletter is still something the group would like to produce, but it will depend on the availability of the committee members. There were some comments about the fact that the documents from the GLDT don’t all look the same. The team will create a standard presentation for the GLDT documents that will be used by everyone and make it easy to distinguish from other documents. Finally, the

committee also thought about adding value to the meetings. One good initiative would be to organize field trips in the cities where the meetings are held. As for an example, during the annual meeting, we could have visited Toledo harbor.

### **Public Comments**

There were no comments from the public during the public comment period

### **New Business**

Participants expressed their desire to have a better connection with the National Dredging Team. The GLDT will try to invite them to our next event and improve the communication with them.

### **Actions items and Wrap Up**

- Each committee has a working plan
- The issue of more flexibility in the application of the federal standard issue will be addressed by the Steering Committee (or a GLDT subcommittee)
- The GLDT will work with ERDC to coordinate input on the scientific literature review and updates to the beneficial use guidance document for the Great Lakes
- The secretariat of the GLDT will get action items and a summary out as soon as possible.

### **Adjournment**

With no further business, the meeting was adjourned at 2:00 p.m. May 22.

Notes respectfully submitted by:

Tom Crane, Dave Knight and Michèle Leduc-Lapierre



**GREAT  
LAKES  
DREDGING  
TEAM**

# 2014 Annual Meeting

*Maumee Bay Lodge and Conference Center*

*1750 Park Road #2, Oregon, Ohio 43616*

*419-836-1466*

**May 21-22, 2014**

**Attachment #1**

## **Wednesday May 21 – Starboard Navigator Room**

1:00 p.m.	Registration	Starboard Navigator Room
1:30 p.m.	Welcome and Introductions	Co-Chairs: Ernie Drott, USACE-LRD Steve Galarneau, Wisconsin Dept. of Natural Resources
1:40 p.m.	GLDT Progress Report – Update on 2014 activities	Tom Crane, Great Lakes Commission
2:00 p.m.	GLDT Priorities for 2014-2015 <ul style="list-style-type: none"><li>• Ensuring the relevance of the GLDT</li><li>• Advancing new Ideas with existing and new partnerships</li><li>• Outreach</li><li>• Research, technology and innovation</li><li>• Promoting the importance of the Great Lakes navigation system</li></ul>	Ernie Drott and Steve Galarneau
2:30 p.m.	Break	
2:45 p.m.	Environmental Windows Research Update	Burton Suedel, USACE-ERDC
3:15 p.m.	Introduction to the afternoon committee breakout sessions and charge to committee co-chairs	Tom Crane, Great Lakes Commission
3:25 p.m.	Committee Meetings <ul style="list-style-type: none"><li>• Legislative</li><li>• Outreach</li><li>• Technical</li></ul>	
5:15 p.m.	Adjourn for the day	(dinner on your own)



<b>Thursday, May 22 – Room Starboard Navigator Room</b>		
7:30 a.m.	Continental Breakfast	Starboard Navigator Room
8:00 a.m.	Housekeeping and Day One Recap	Ernie Drott and Tom Crane
8:05 a.m.	Introduction to Day Two: Continuing the Strategic Discussion	Tom Crane
8:10 a.m.	Report on May 20-21 State Summit on Open Water Placement of Dredged Material	Steve Galarneau, GLDT Co-Chair, Wisconsin DNR
8:35 a.m.	Overview of the Federal Standard in the Regional Dredged Material Management Decision-Making Process: A Comparison of Three Data Sets	Scott Pickard, USACE-LRB
9:00 a.m.	2014-15 Great Lakes Dredging Program	Marie Strum, USACE-LRE Great Lakes Navigation Team
9:30 a.m.	Great Lakes Sediment Testing Manual for Beneficial Use of Dredged Material	Richard Price, USACE-ERDC
10:00 a.m.	Break	
10:30 a.m.	Beneficial Use of Dredged Material Update	Gene Clark, Technical Committee Co-Chair And Dav Knight, Great Lakes Commission
11:00 a.m.	GLDT Member Updates (Updates from state, federal and industry partners)	Ernie Drott, Moderator
12:00 Noon	Lunch (provided)	
12:45 p.m.	Committee Reports <ul style="list-style-type: none"> <li>• Reports from Technical, Legislative and Outreach Committees</li> <li>• Priorities for 2014/2015</li> <li>• Enhancing committee participation</li> </ul>	Tom Crane (moderator) Committee chairs or designated presenter
1:30 p.m.	Public Comments	
1:40 p.m.	New Business	
1:50 p.m.	Action Items and Wrap Up	Ernie Drott and Steve Galarneau
2:00 p.m.	Adjourn	

## Great Lakes Dredging Team

Annual Meeting

May 21-22, 2014

Maumee Bay State Park Lodge and Conference Center

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