



*HTAC dredging  
subcommittee*

*June 2024*

# Dredging Topics -

- Erie Pier- management plan progress**
  - a. **Northland awarded a 24,000 CY sand contract (DSP)**
  - b. **Contract award expected in September for beneficial use of fines (USACE)**
- City of Superior and USACE, 2024 placement - Wisconsin Point**
- Dredge Material Management- Lake Superior Headwaters Sustainability Partnership**

## □ Lake Superior Headwaters Sustainability Partnership

<https://headwaterspartnership.org>

*-Collaboration to comprehensively manage natural resources, community health, and economic development within the lower St. Louis River watershed*

*-an explicit intent to establish intersections among partnerships and interests that represent a sustainable landscape*

*-goals are prioritized into major themes*

## □ Dredge Material Management

- a. Recognize the federal navigation system as instrumental to the success of the Duluth/Superior Harbor*
- b. The activity (dredging) and beneficial use (placement) provide both challenges and opportunities*
- c. Instrumental in realizing cost-effective project results*

## □ Dredge Material Management- Goals

*Increase public awareness of the dredging process for maintaining the Great Lakes navigation system and identify opportunities to more effectively manage material that benefits both the environment and economic interests*

## Objectives

1. Develop a communication strategy
2. Conduct a public survey to assess the knowledge and attitudes to target future outreach efforts to improve public awareness
3. Review the Operation and Maintenance (O&M) procedures to improve the process.
4. Document performance measures when beneficially using dredge material in the Duluth/Superior Harbor.
5. Identify concerns and potential deleterious impacts that result from managing dredge material.
6. Identify and resolve barriers to beneficially using dredged material (for either in-water or land-based placement).

2,342 miles to the sea

Annual Meeting  
Erie, PA  
September 24-25, 2024



GREAT  
LAKES  
DREDG  
TEAM



# *Annual Meeting ..... Erie, PA!*

*Save-the-Date 24-25 September 2024*



□ **Tom Ridge Env. Center**

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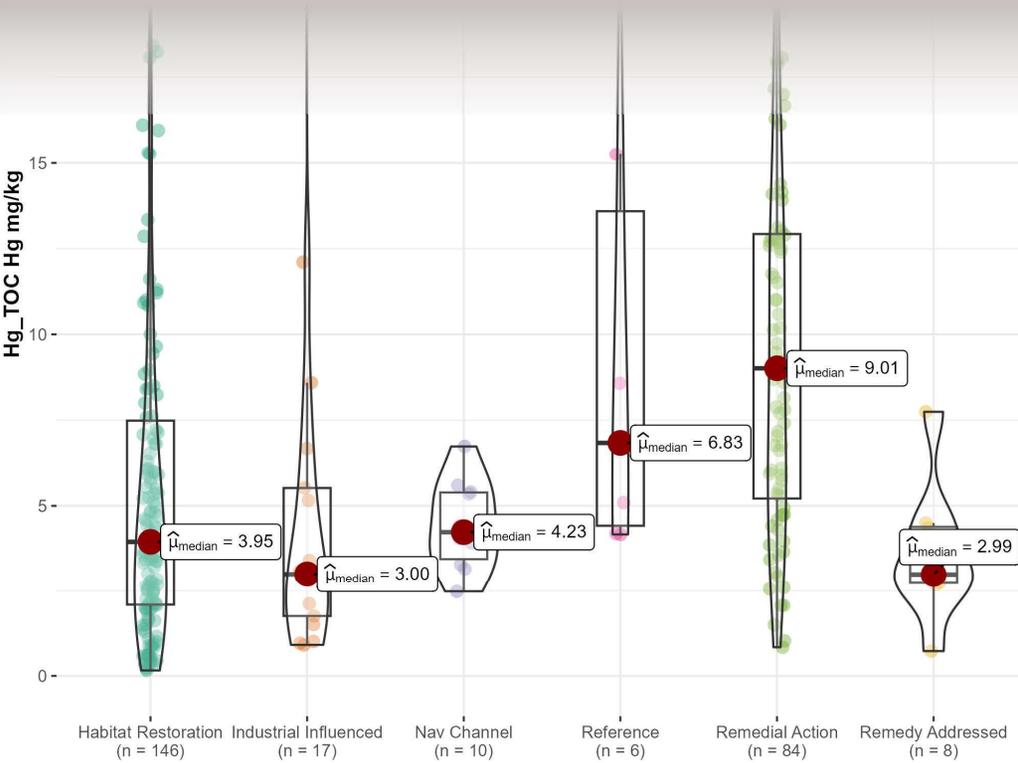
### Differences of Hg\_TOC by Priority Rank in Geomorphic Zone SLB

$\chi^2_{Kruskal-Wallis}(5) = 41.79, p = 6.48e-08, \hat{\xi}^2_{ordinal} = 0.15, CI_{95\%} [0.11, 1.00], n_{obs} = 271$

## Dredge Material Sediment Quality-

### a. chemistry

### b. benthic community



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## Evaluating restoration success in a Great Lakes embayment: A case study for addressing beneficial use impairments

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