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Great Lakes Dredged Material Disposal Requirements and Challenges for the Next Decade

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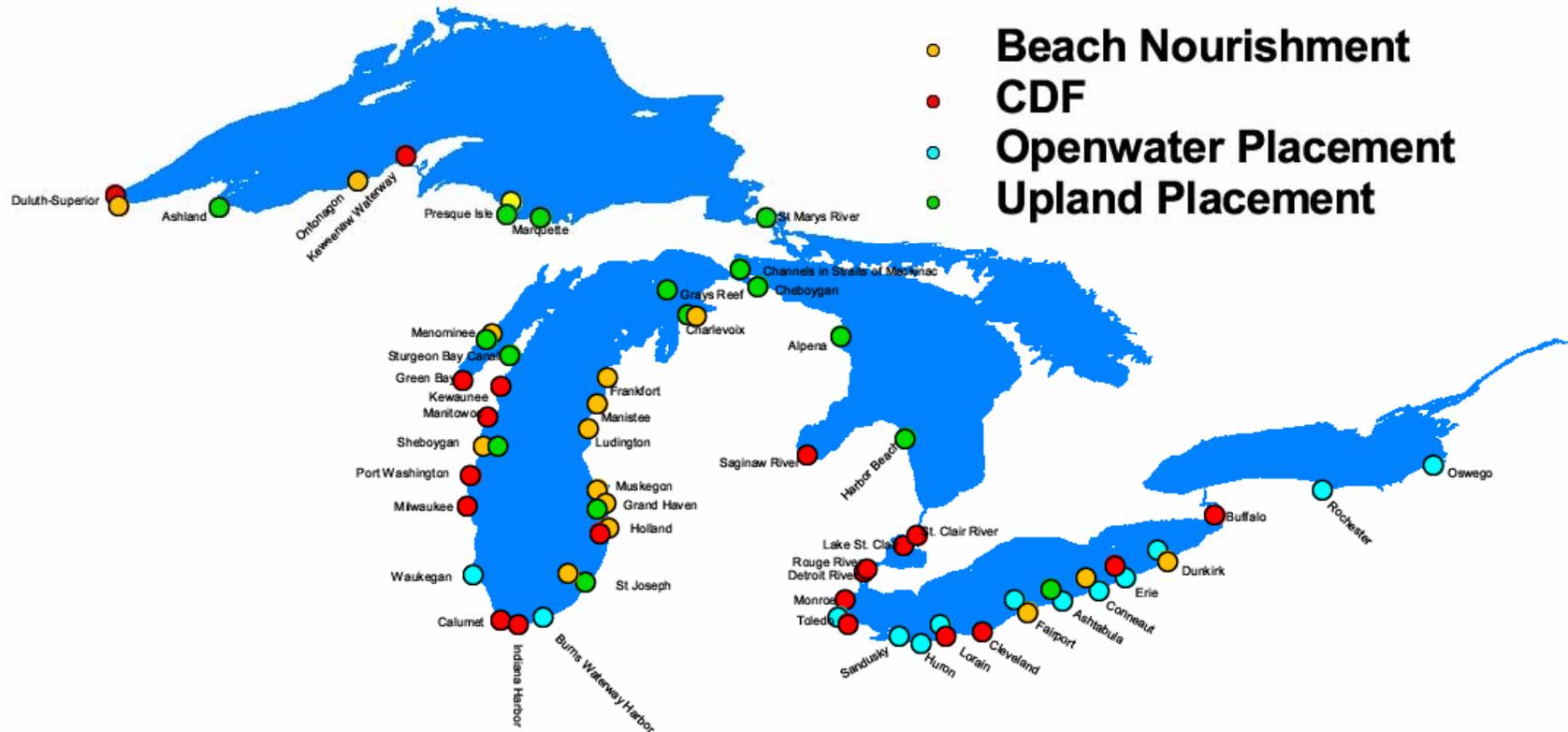
Dredged Material Disposal

Securing sufficient dredged material disposal capacity

- Dredged material from over 40% of Great Lakes harbors must be disposed in confined disposal facilities (CDF)
- There are 20 active CDFs on the Great Lakes; they are more than 80% full.
- A significant investment of nearly \$300M will be required over the next 5 years to meet the CDF needs on the Great Lakes.



Dredged Material Placement Methods





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Active Confined Disposal Facilities on the Great Lakes





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Disposal Challenges

- The lack of CDF capacity is restricting maintenance dredging at some locations.
- Reality of funding: we cannot expect to receive funding to build \$200M CDFs
- Future of Open Lake Disposal: roughly 25% of material dredged on Great Lakes goes to open lake disposal; is this a sustainable practice?
- Innovative beneficial reuse technologies: must find ways to reuse material to increase capacity in existing confined disposal facilities





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Next Steps

- Meeting to focus on Dredged Material Management Issues
- Innovative beneficial reuse technologies
- Open lake disposal challenges

