



WATERWAY RESTORATION PARTNERSHIP

MILWAUKEE ESTUARY AREA OF CONCERN



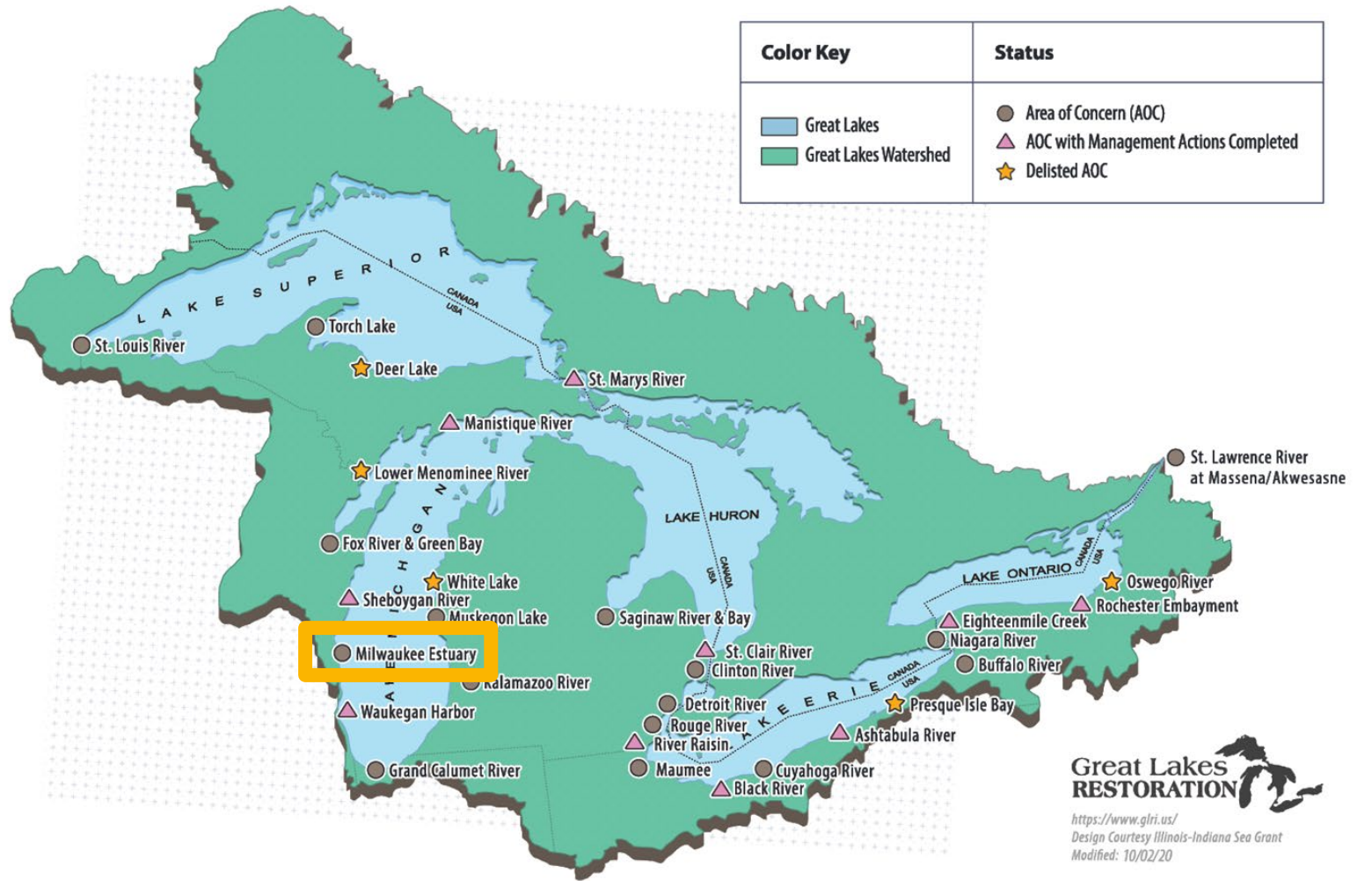
**Dredged Material Management
Facility Finds Success Through the
Waterway Restoration Partnership Framework
March 14, 2024**

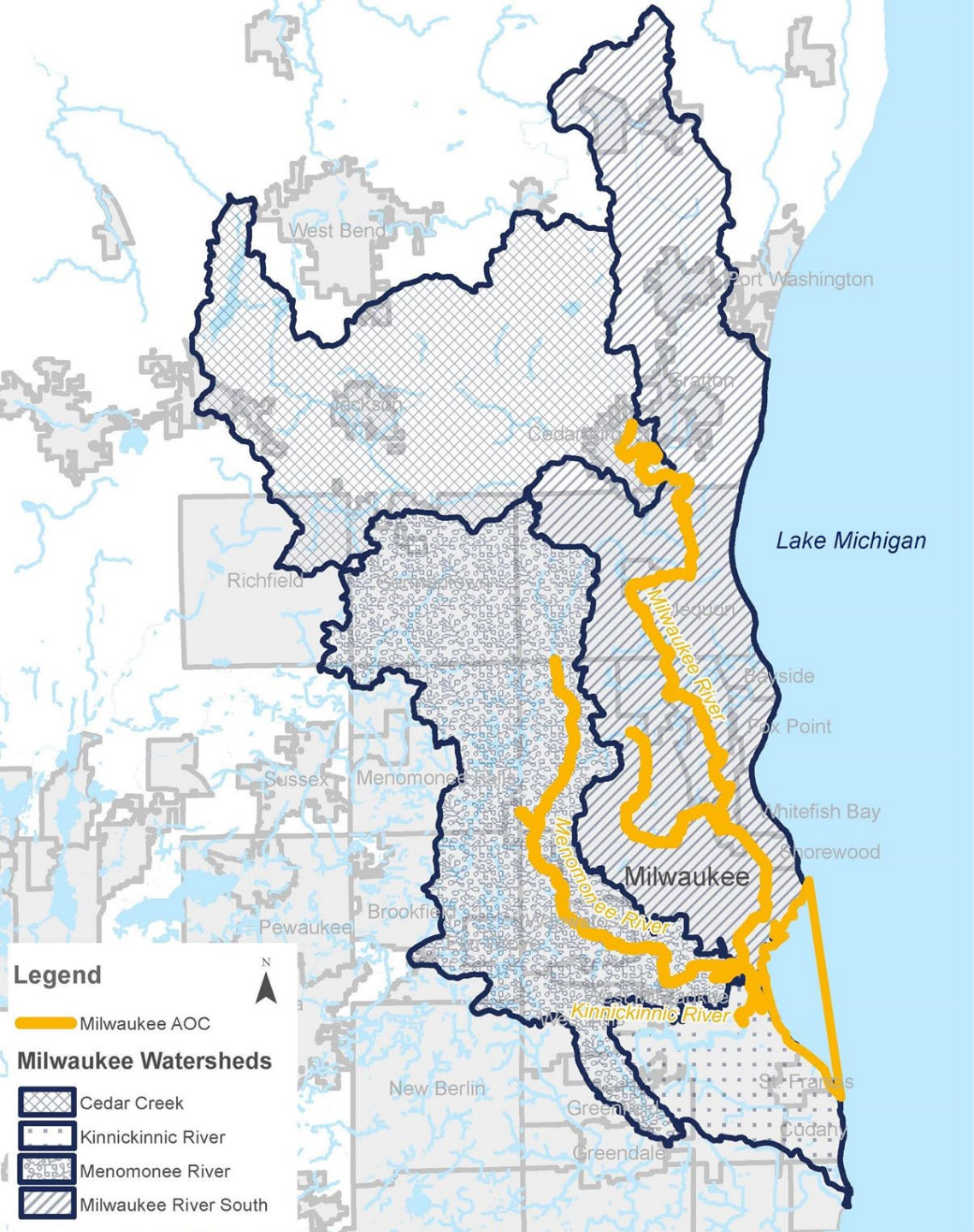
Area of Concern



U.S. Great Lakes Area of Concerns

U.S. Great Lakes Areas of Concern





What is the Milwaukee Estuary?



\$450 Million for Milwaukee Estuary AOC!

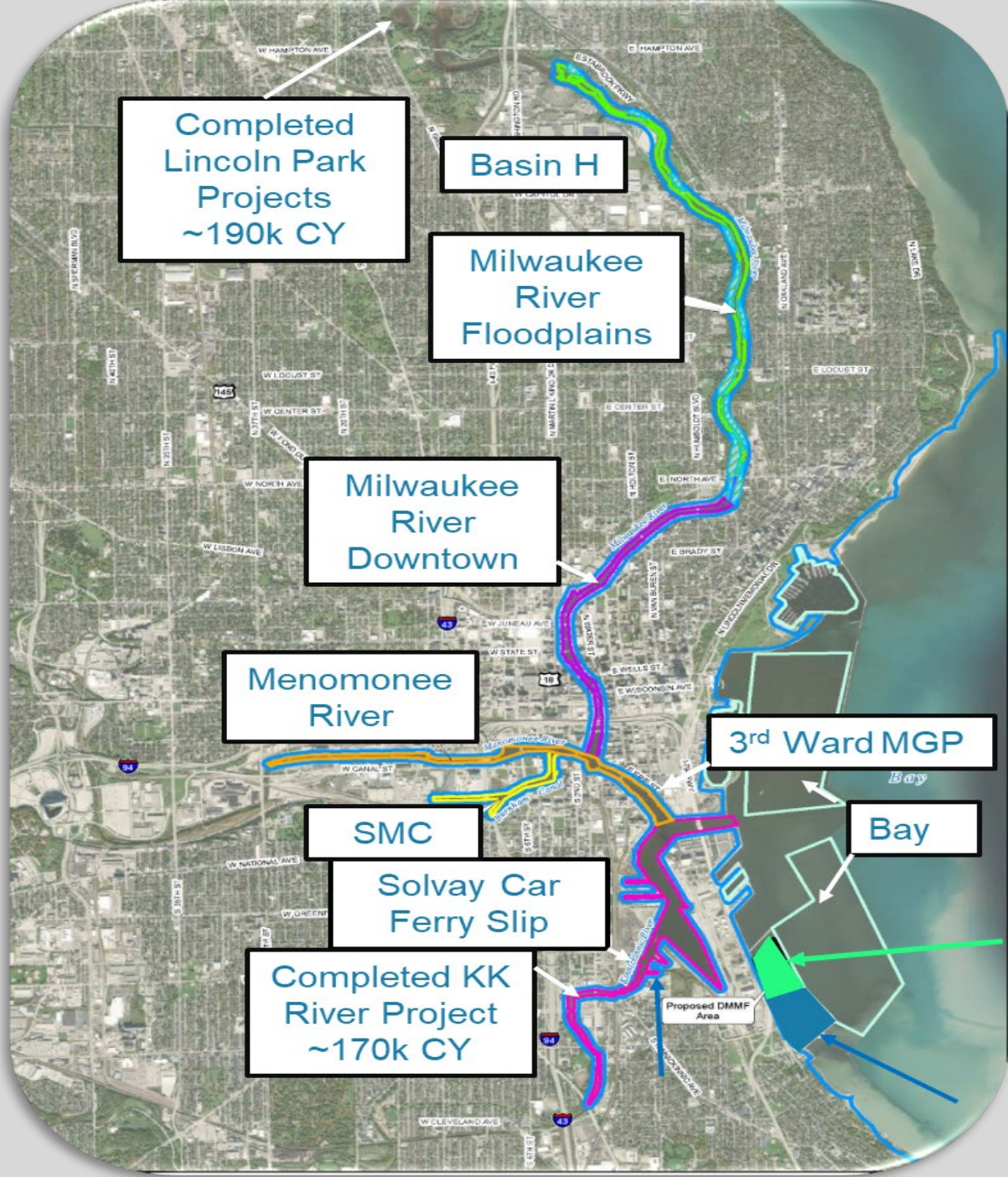


Biden-Harris Administration Announces Largest Ever Clean-up under EPA's Great Lakes Restoration Initiative to Address Milwaukee Area of Concern

Thanks to President Biden's Investing in America Agenda, new funding agreement between EPA and partners will invest an estimated \$450 million to cleanup of nearly two million cubic yards of contaminated sediments

October 12, 2023





Completed Lincoln Park Projects
~190k CY

Basin H

Milwaukee River Floodplains

Milwaukee River Downtown

Menomonee River

3rd Ward MGP

SMC

Bay

Solvay Car Ferry Slip

Completed KK River Project
~170k CY

Proposed DMFF Area

Sediment Cleanup



Dredged Material Management Facility



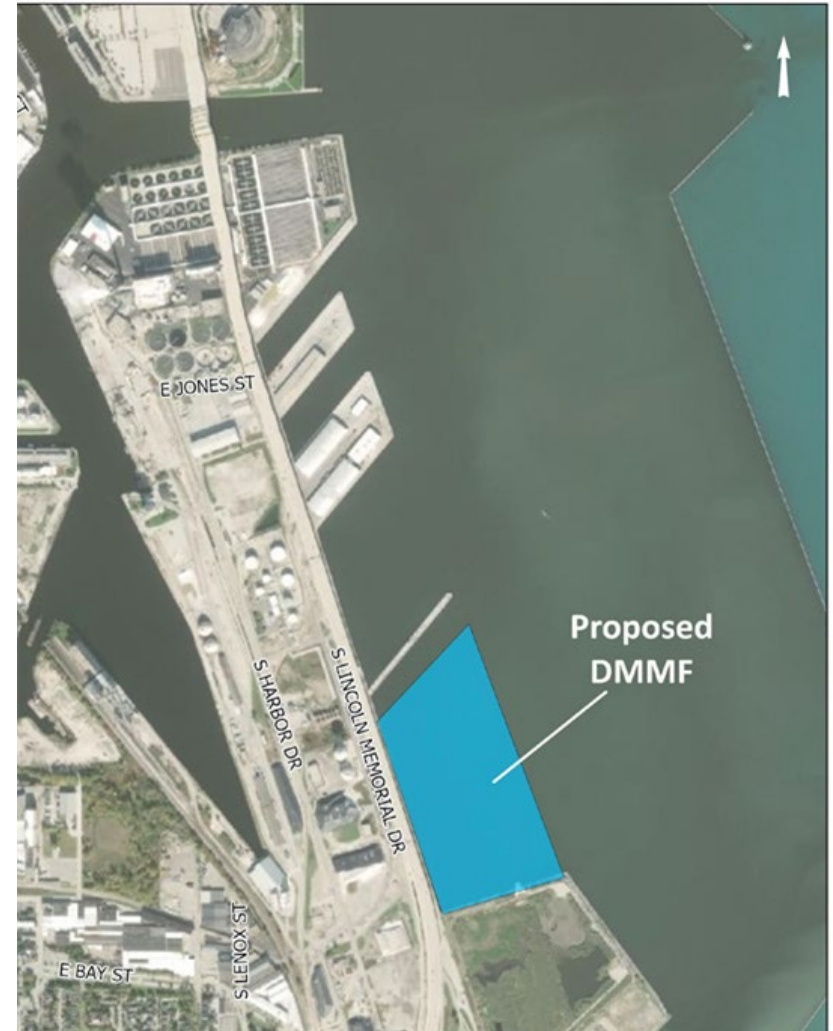
Dredged Material Management Facility

What: Provide safe, secure containment for 1.9 million cubic yards of sediment removed from the Milwaukee Bay and the Milwaukee, Menomonee, and Kinnickinnic Rivers.

When:

- 2024: Project Construction Begins
- 2026: Construction Completion

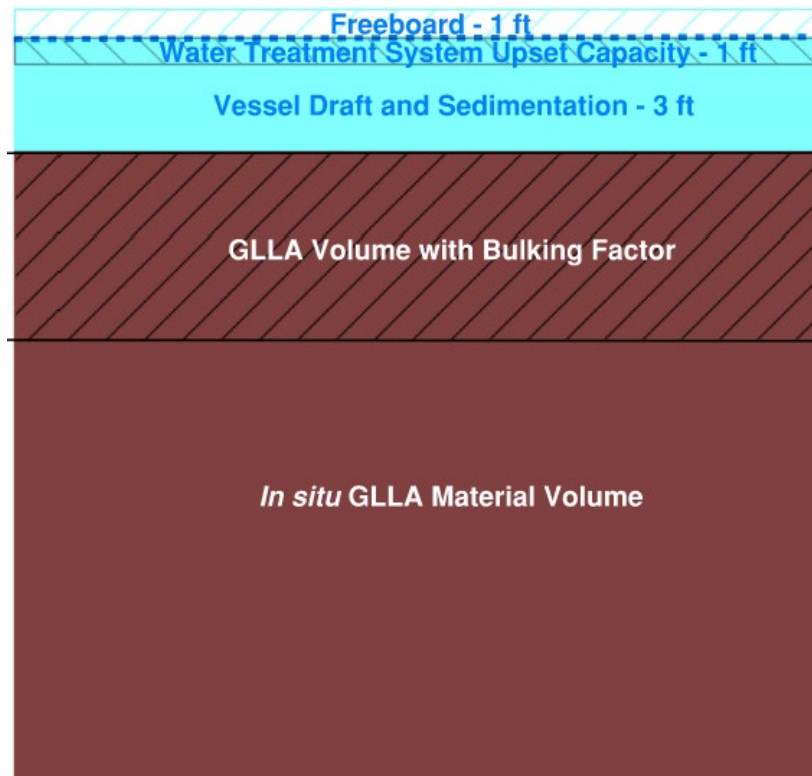
Why: Improve water quality for a healthier community.



DMMF Design Process



Dredged Material Management Facility



DMMF Design



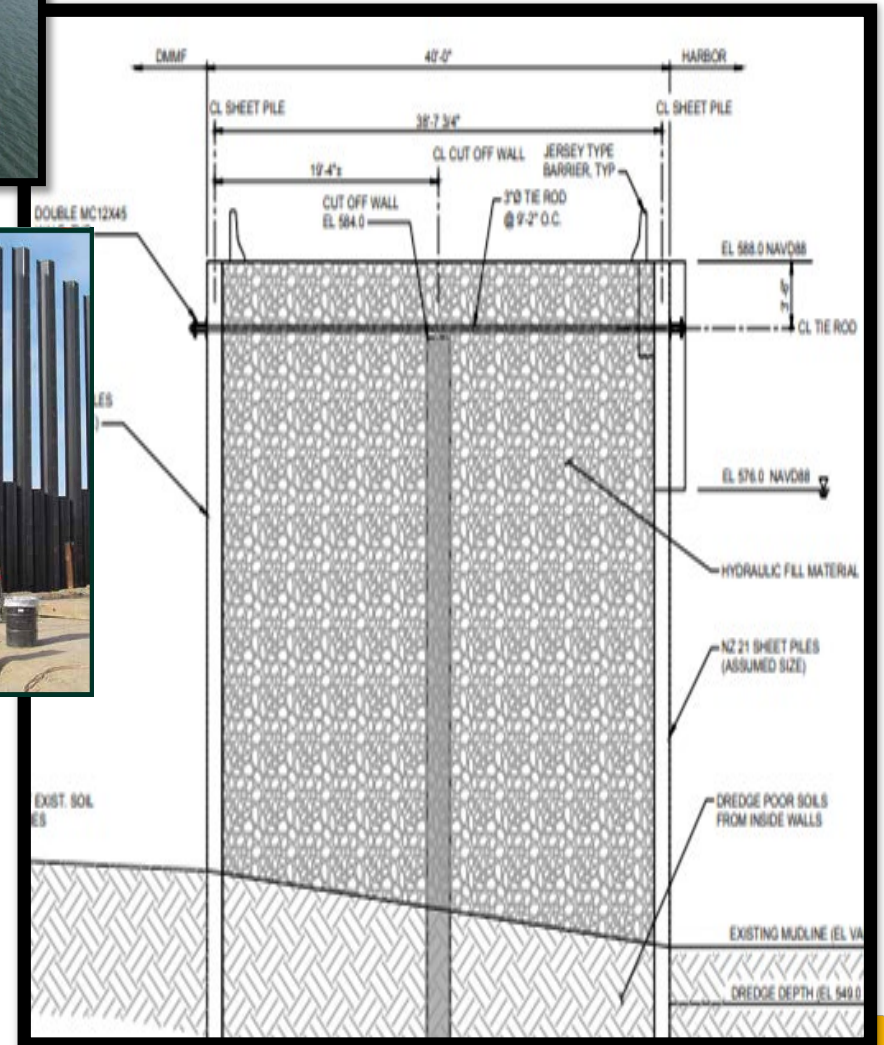
Miami, FL



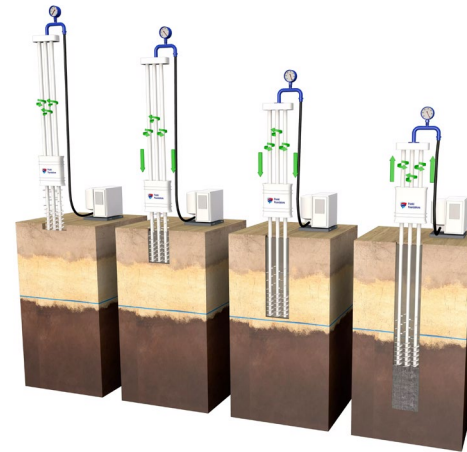
Corpus Christi, TX



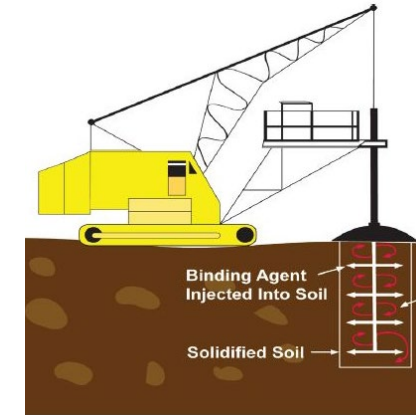
Detroit, MI



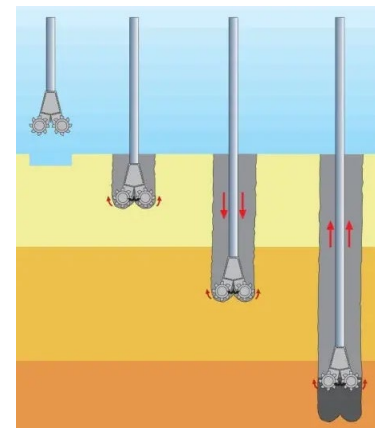
Soil Mix Cut Off Wall



Triple Axis Auger Soil Mixing



Auger Soil Mixing



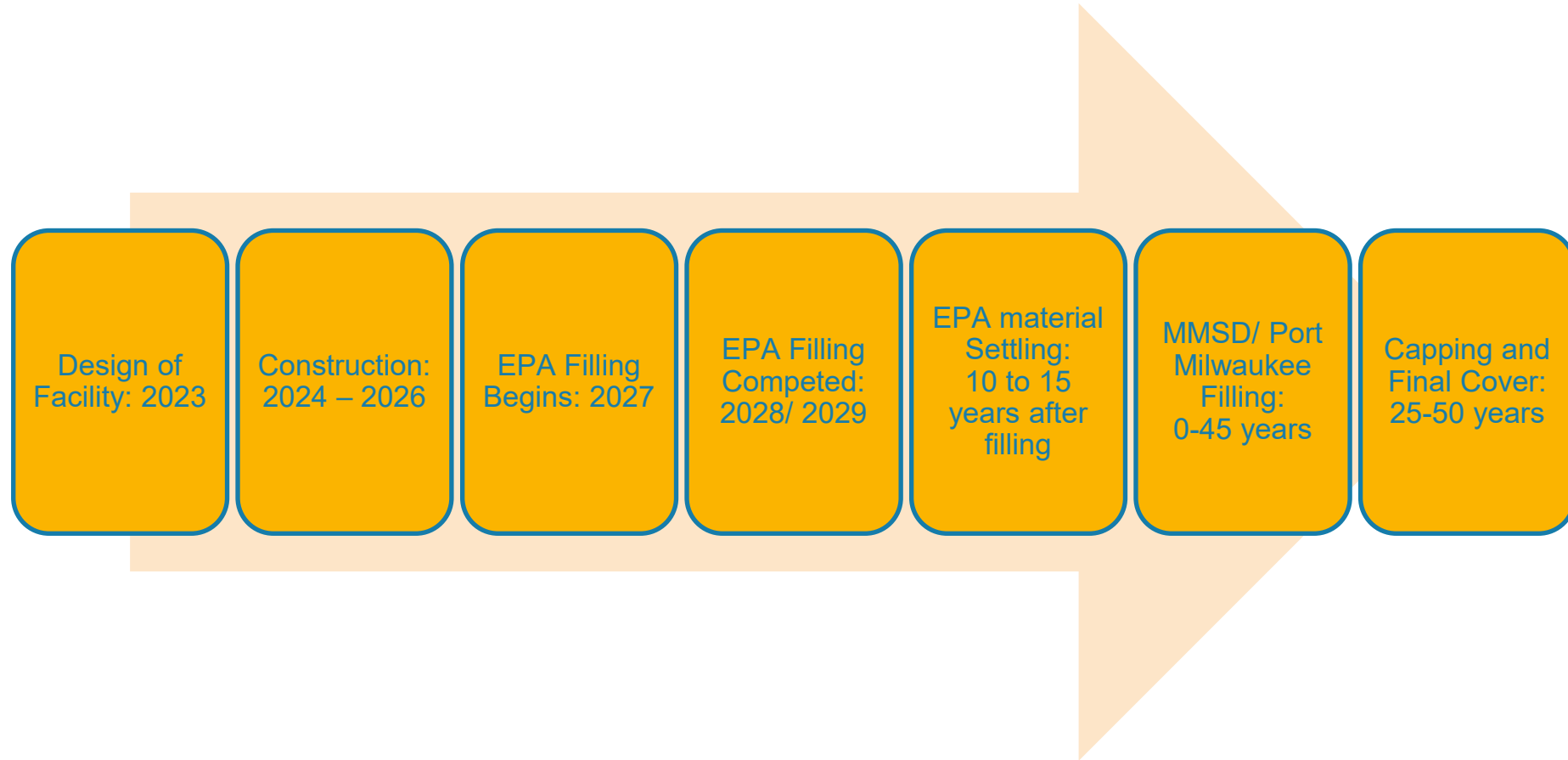
Cutter Soil Mixing



One-Pass Trenching



DMMF Timeline



Who are the Waterway Restoration Partners?



Want to get involved? Visit www.MKEWaterwayPartners.org



Community Advisory Committee



Waterway Celebration at Havenwoods State Forest - Summer 2023



Why Involve The Public



How The Public Was Involved



How The Public Was Involved

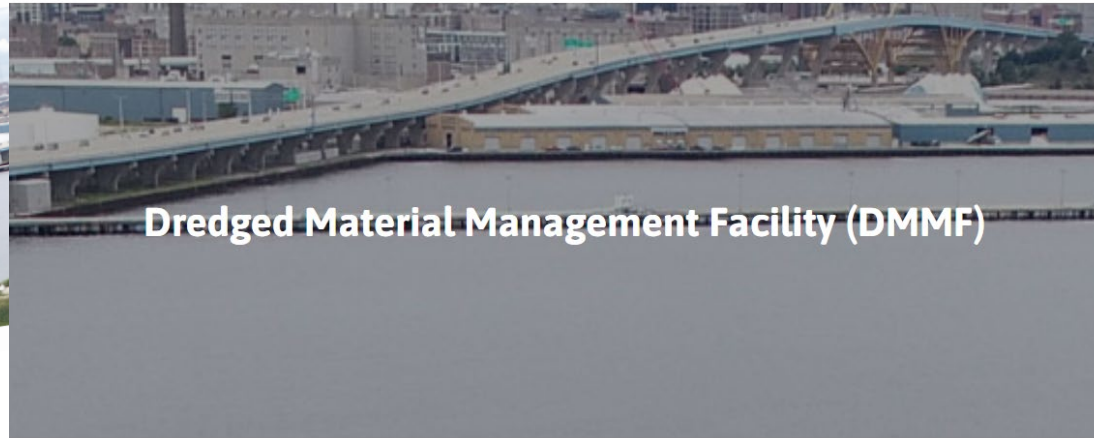


How The Public Was Informed

DREDGED MATERIAL MANAGEMENT FACILITY UPDATE

The design of the [Dredged Material Management Facility \(DMMF\)](#) is nearing completion. On October 7, 2023 the final public comment period started for the permitting of the DMMF. The 30-day public notice and comment period marks the end of the permitting phase of the design of the facility. The design team is now working on finalizing the construction documents in preparation for contractors to put in a bid for the construction.

If you would like more information on the water quality certification application and the documents relating to the public notice, the information is located on the Wisconsin Department of Natural Resources' permit, contract and certification tracking website at: <https://permits.dnr.wi.gov/water/SitePages/Permit%20Search.aspx> and search for IP-SE-2023-41-01653.



Dredged Material Management Facility (DMMF)



HOME ABOUT PROJECTS NEWS PARTNERS COMMUNITY ADVISORY COMMITTEE

DMMF Design Background



Waterway Restoration Partnership
June 9 · 🌐

Most of the contaminated sediment from Milwaukee's rivers is planned to be placed in the proposed Dredged Material Management Facility (DMMF). A DMMF is an area specifically designed and engineered for the containment of dredged material.

Over the last few months, there have been some updates on the design and MMSD has submitted permit applications to the DNR. As we move forward we will be receiving permit comments and continuing to move that design forward. The plan is to s... See more

Project Update: A Contractor Information and Outreach Meeting was held on August 9, 2023. The meeting focused on the Dredged Material Management Facility background, key components, supplier diversity and workforce development and the bid timeline. The project is anticipated to bid in the 4th quarter of 2023, [https://permits.dnr.wi.gov/water/SitePages/Permit%20Search.aspx](#)



Thank you!

Design Team

- Ramboll Engineering Americas
- Moffat and Nickel
- AMI

MMSD Team

- Bridget Henk
 - Jeremy Triebenbach
 - Christina Taddy
 - Nathan Churchill
 - Dan Talarczyk
 - Kevin Shafer
 - Mike Martin
 - Kevin Lyons
 - Rick Niederstadt
 - Ricardo Santiago
 - Katherine Lazarski
 - Diane Raines
 - Jennifer Wright
 - Sharon Mertens
 - Kate Morgan
 - Pete Coffaro
 - Michelle Kaczmarowski
 - Jose Galvan
 - Robert Williams
 - Anna Kettlewell
 - Mary McGivern
 - Kevin Dewane
 - Robert Chavez
 - Emily Champagne
 - Erin Haubert
 - Thomas Tracey
 - Matt Joiner
 - Keith Kalinger
 - Micki Klappa-Sullivan
 - Donna Max
 - Megan Dressel
 - Cary Solberg
 - Patrick Elliott
 - Monique Conley
 - Beth Wentzel
 - Bill Graffin
 - Don Nehmer
 - Cassie Powalisz
 - Phil Reimer
 - Allyson Weiss
 - Libby Cavanaugh
 - Connie Ziegler
 - Mark Mittag
 - Beth Sauer
 - Mitch Olds
- **MMSD IT Division**
 - **MMSD Finance Division**

