



Harbor Technical Advisory Committee

Updates to TAC and MIC Board

Mike Wenholz

September 15 & 16, 2020

First Virtual HTAC Quarterly Meeting

- Well attended - 64-67 participants
- Agenda was largely updates of key harbor-related topics
- Good Roundtable
- No electronic issues



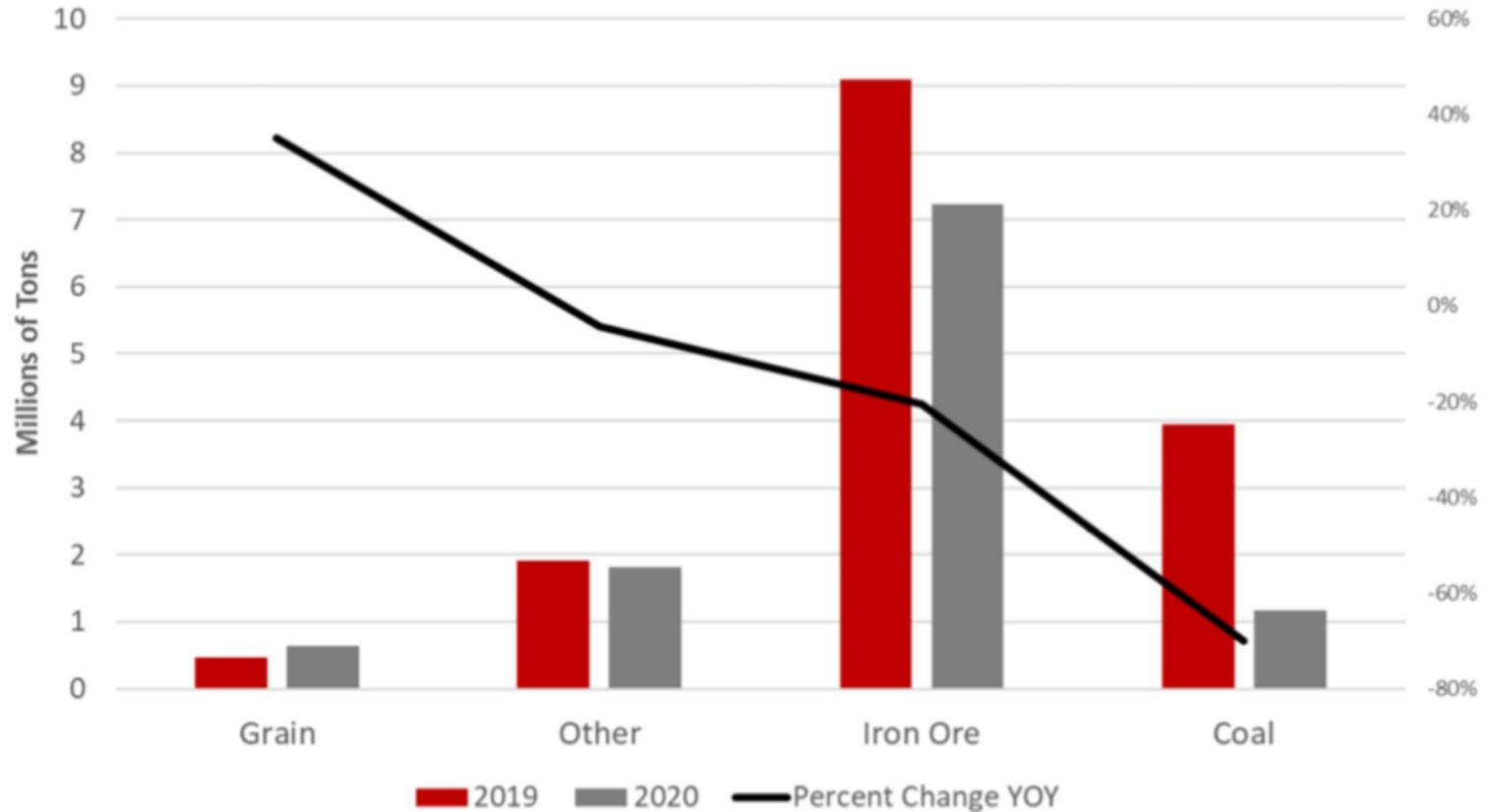
HTAC – Port Update 2020

Kate Ferguson, Director of Trade & Bus Dev



Cargo Comparison

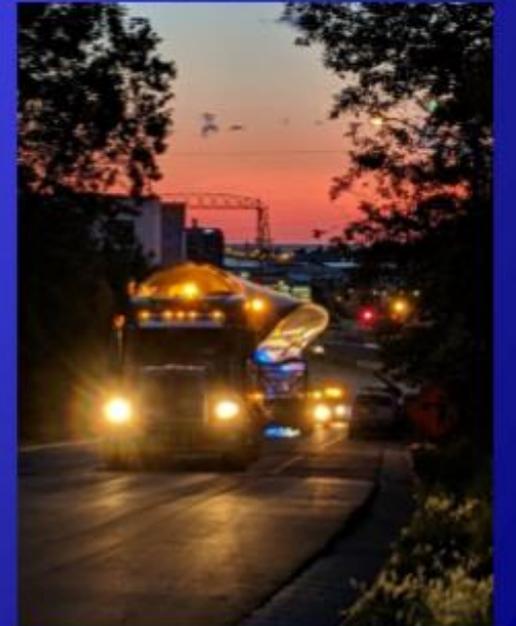
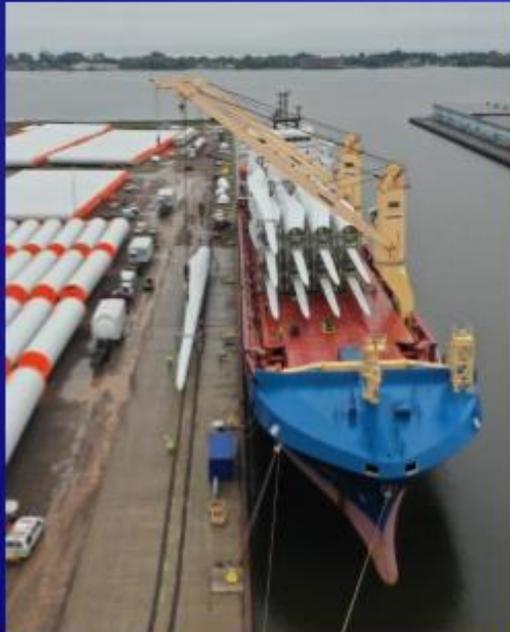
EOM July Tonnage YTD 2020 vs 2019



Viking Cruises come to Duluth in 2022!!



Maritime – 2020 Season: Wind Project Cargo



CN Duluth Intermodal Terminal – Forging Ahead...



A New Office – Fall/Winter 2020



MARAD Grant Feb – \$10.5 Million

- Berths 10 & 11 – 1775 LF dockwall
- Warehouse – 56,000 sq ft addition to the East Warehouse
- Additional Funding for Project:
 - ~\$6.3 million PDAP (\$4 mill 2020??)
 - ~\$3.6 million DSPA funds



HTAC Bylaws Revisions

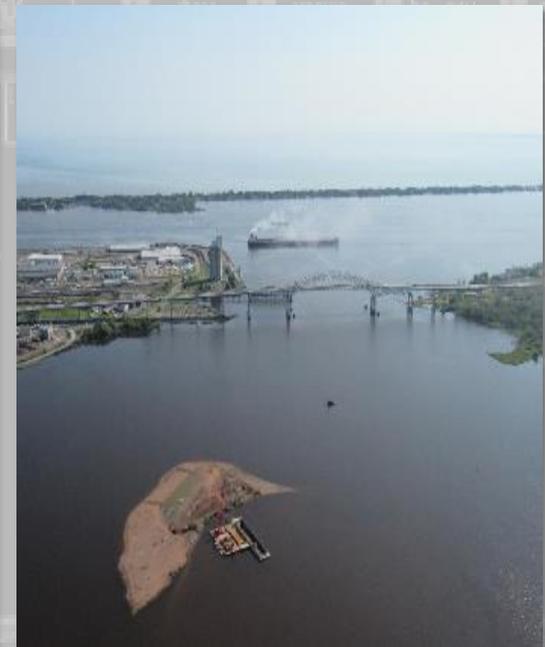
Presentation to the HTAC

Mike Wenholz

September 2, 2020

DULUTH-SUPERIOR HARBOR MAINTENANCE DREDGING MATERIAL PLACEMENT IN 2020 AND 2021

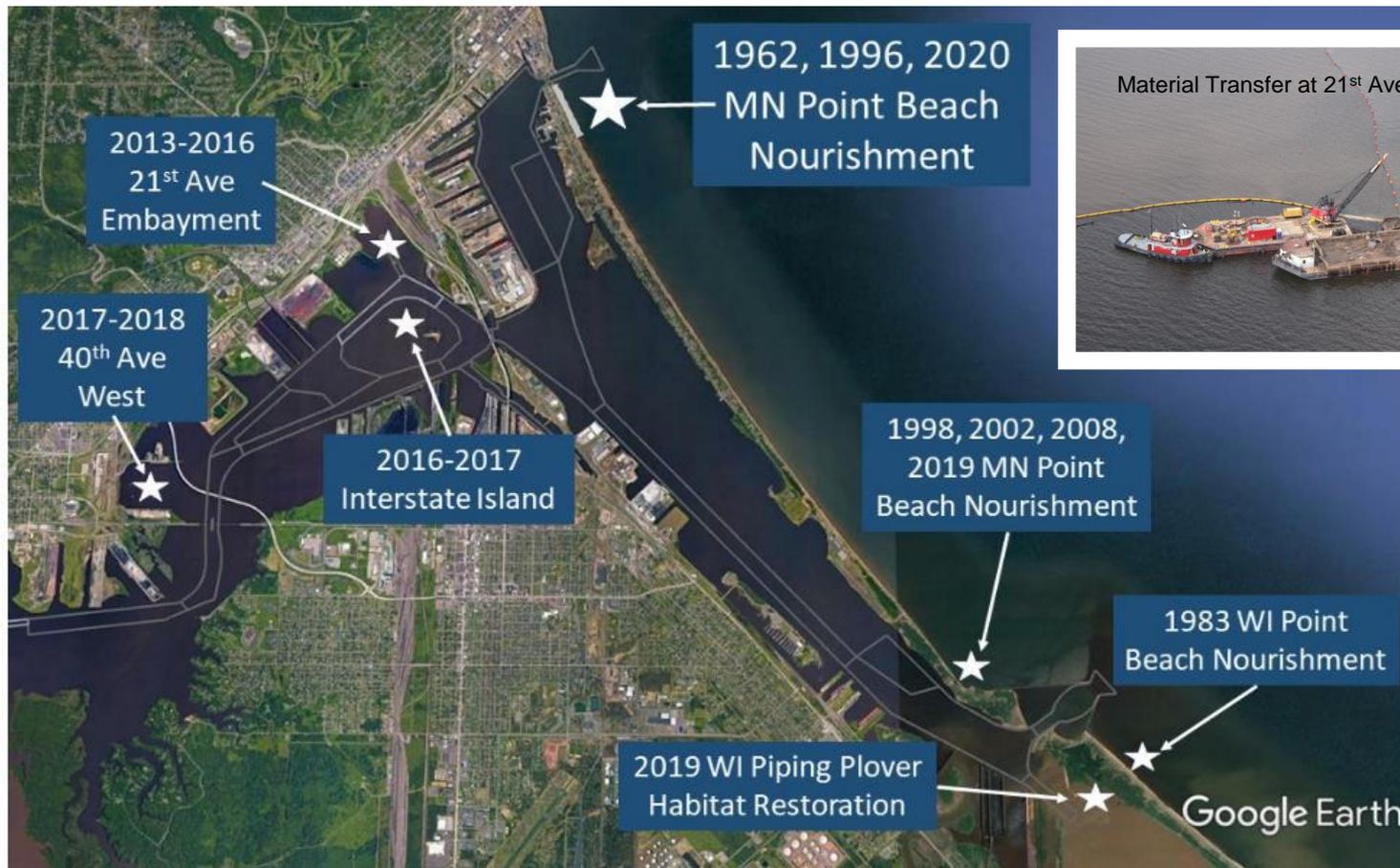
Melissa Bosman
Project Manager
Detroit District
02 September 2020



US Army Corps
of Engineers®



Beneficial Use Projects





2020 MINNESOTA POINT BEACH NOURISHMENT

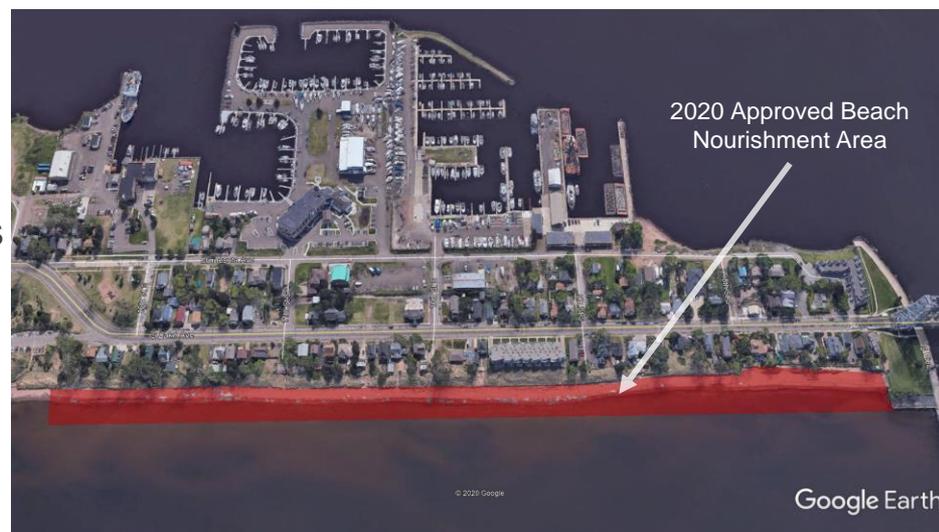
Project Partners:

- City of Duluth
- Minnesota Pollution Control Agency
- Duluth Seaway Port Authority
- Minnesota Department of Natural Resources
- State Historic Preservation Office
- Federally Recognized Tribes

Contract Quantity: **53,000 CY**

Start Placement: 07 August 2020

Finish Placement: **mid-September 2020**





2020 INTERSTATE ISLAND RESTORATION

Project Partners:

- Minnesota Land Trust
- Minnesota Department of Natural Resources
- Wisconsin Department of Natural Resources
- SEH

Contract Quantity: 70,000 CY

Start Placement: mid- September 2020

Finish Placement: mid-November 2020





2021 DREDGED MATERIAL PLACEMENT SITES

- No approved placement sites for 2021
- Potential placement sites:
 - Minnesota Point Beach Nourishment (North)
 - 40th Avenue West
 - 21st Avenue Embayment
- Challenges:
 - Sediment Characteristics
 - Cultural Resources
 - Real Estate
 - Dredging Windows
 - Annual Dredging Process



Dredging Workgroup vs HTAC Dredging Subcommittee

• Dredging Workgroup

- Purpose: work with agencies to identify long term options for placement of dredged material from USACE Maintenance Operations
- Improve communication amongst agencies that manage Duluth-Superior Harbor
- Work with agencies to identify and resolve issues
- Identify opportunities to beneficially use dredged material
- Meet monthly with an annual face-to-face meeting
- Group has worked collaboratively to identify two beneficial use projects, Interstate Island and MN Point North

• HTAC Dredging Subcommittee

- Purpose: be a conduit & champion for
 1. Proper dredge material management, reuse, & disposal
 2. Maintaining the Duluth-Superior shipping channel
 3. Promoting environmental windows development
- Broad local stake holder representation & participation
- Cover a wide range of dredging-related topics
- Meet as needed – typically 2-3 times per year



Paddle Safe Twin Ports

Madison Rodman | mrodman@umn.edu

HTAC Quarterly Meeting | September 2, 2020



Wear it



Life jackets are required for every person. Children must wear a life jacket

Keep away



Keep 100 yards from freighters and harbor docks

Check the weather



Wind, waves, and weather can change rapidly

Cold water kills



You will be unconscious within an hour in 50° F water



PADDLE SAFE

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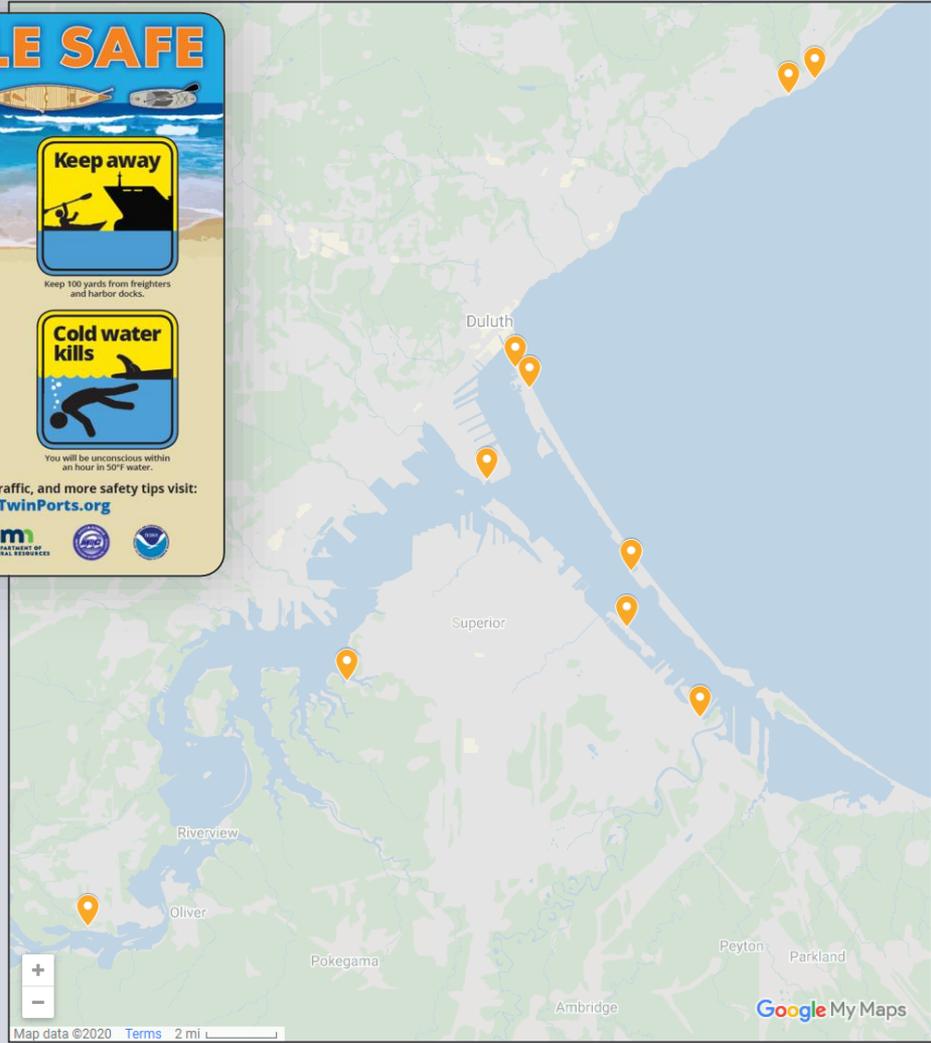
Check the weather

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You will be unconscious within an hour in 50°F water.

For real-time weather, ship traffic, and more safety tips visit: PaddleSafeTwinPorts.org



PaddleSafeTwinPorts.org

- Dashboard of conditions
- Interactive map of launch sites
- Safety information
- Downloadable float plan

DULUTH, MINNESOTA Latitude: N 46° 43' 52.41" Longitude: W 92° 03' 03.03"

PARK POINT BEACH WEATHER AND BEACH CONDITIONS Real time data for the Lake Superior Beaches of Park Point

Last update: Aug 31, 2020 10:53 AM

CONDITIONS ABOUT MORE

today's weather forecast

Today: Showers likely, mainly before 11am. Cloudy, then gradually becoming mostly sunny, with a high near 68. Breezy, with a west wind 15 to 20 mph, with gusts as high as 25 mph. Chance of precipitation is 70%. New precipitation amounts between a tenth and quarter of an inch possible.

Tonight: Mostly clear, with a low around 54. Southwest wind 5 to 10 mph, with gusts as high as 15 mph.

Updated: Monday 8/31, 09:58 (Source: [NOAA Point Forecast](#))

uv index forecast

for Monday, August 31, 2020:



(Source: [EPA EnviroFacts](#))

water and wave conditions

Due to COVID-19-related work restrictions, water temperature and wave height sensors have not yet been deployed.

Beach winds: West winds 10 to 15 mph.

Waves: Around 1 foot.

Updated: Monday 8/31, 03:30 (Source: [NWS Surfcast](#))

swim hazard risk

LOW: Large waves and dangerous currents are not expected, however dangerous currents may exist at any time near piers, breakwalls, and river outlets.



Updated: Monday 8/31, 03:30 (Source: [NWS Surfcast](#))

bacteria warnings

[Lakewalk Beach](#): no recent sampling data. (checked on 8/31)

[Franklin Park / 13th St S](#): Water contact is **acceptable**. (sampled on 8/26)

[Lafayette Community Club](#): Water contact is **acceptable**. (sampled on 8/26)

[Beach House](#): Water contact is **acceptable**. (sampled on 8/26)

COVID-19/special rules

Park Point Beach is open. Follow Duluth Parks' [COVID-19 guidance](#): Maintain social distancing, limit group size, stay home if sick, and pack out all your garbage.

Life guards will be present and the Beach House restrooms will be open Friday, Saturday, and Sunday, noon-5 p.m. The concession stand and other plumbed restrooms remain closed. Porta potties are available at 12th Street Beach, Lafayette Community Center, and Park Point Recreation Area.

Erie Pier Management Plan Rewrite – An Update



2020 St Louis River AOC Updates

Presentation to the HTAC

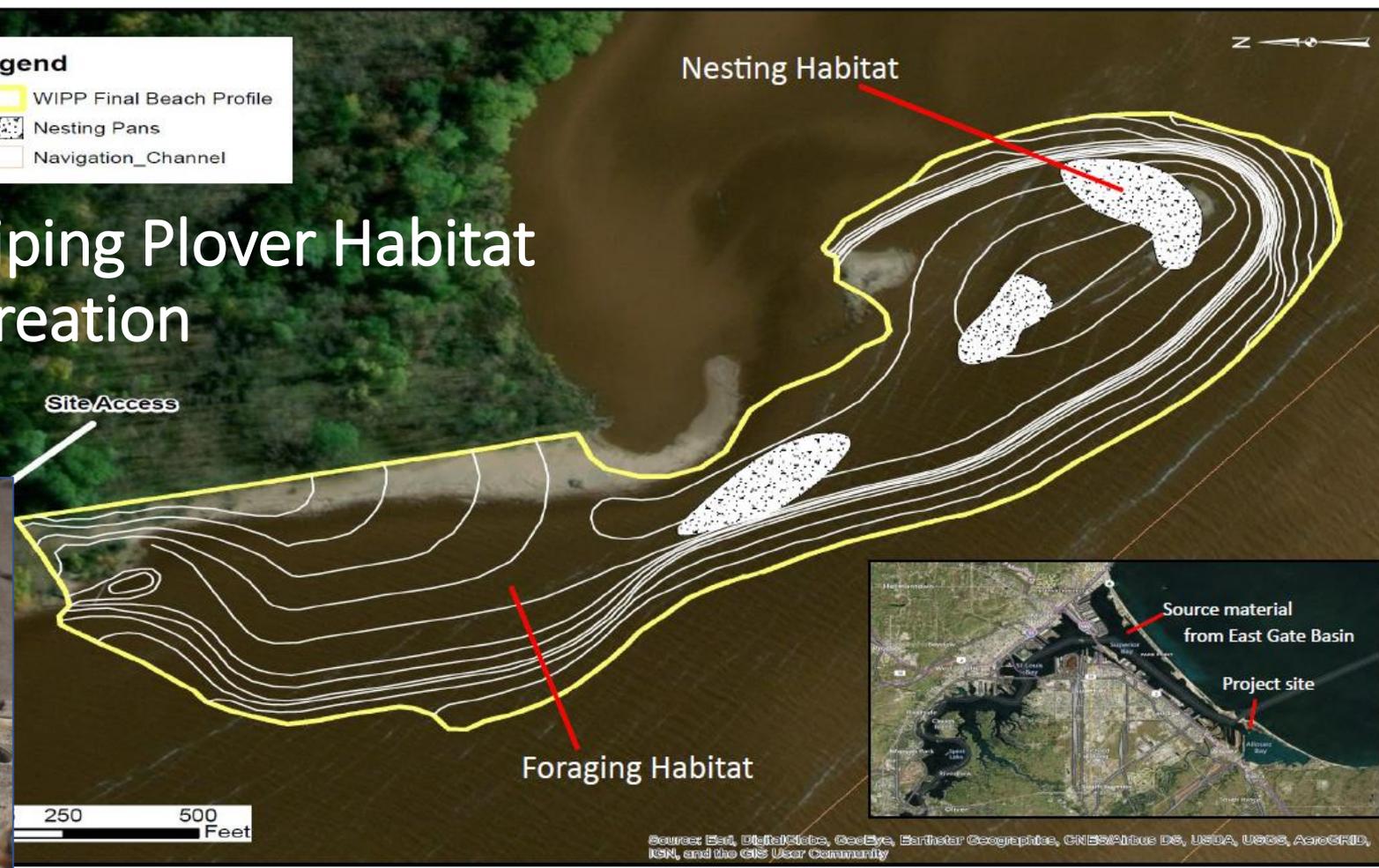
Matt Steiger (WI DNR)

Melissa Sjolund (MN DNR)

Legend

- WIPP Final Beach Profile
- Nesting Pans
- Navigation_Channel

Piping Plover Habitat Creation



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Howards Bay Remediation 2020 & 2021





Kingsbury Bay & Grassy Point Habitat Restoration 2019 & 2020



April 2020



Photo credit: JF Brennan

August 2020



Photo credit: 1854 TA

Interstate Island Avian Habitat Restoration 2020



Coming in Fall 2020...
ISLAND EXPANSION

Photo credit: SEH, Inc.



Azcon Slip Remediation Fall 2020

NEW!!! Habitat Restoration Story Map

Find it with Google: MPCA St. Louis River AOC

[Waste](#) / [Cleanup](#) / [Superfund Program](#) / [Other remediation sites](#) / [St. Louis River Area of Concern sediment cleanup sites](#)

St. Louis River Area of Concern resources

Agencies and stakeholders are working together to clean up contaminated sediments and restore aquatic habitat to the estuary in the St. Louis River Area of Concern within the Great Lakes Basin. What's an AOC? Take a look:

www.youtube.com/watch?v=_cSunExJ0kU



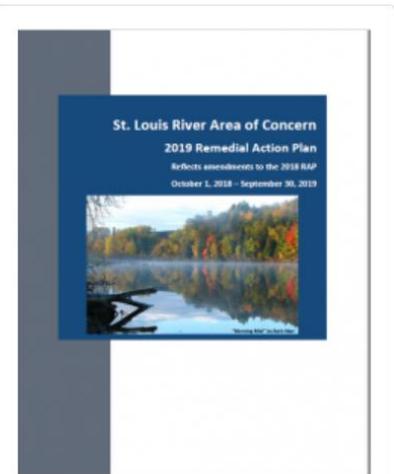
Storymap: Habitat restoration progress in the SLRAOC

Use this interactive map to learn about each habitat restoration project: why the work is needed, what is being done, when it will be completed.



Saint Louis River Area of Concern sediment contaminant data

View and download data on chemistry and physical properties of sediment from the St. Louis River Area of Concern.



Remedial action plans

Addresses impairments, targets objectives to remove impairments, provides strategies and actions to

The



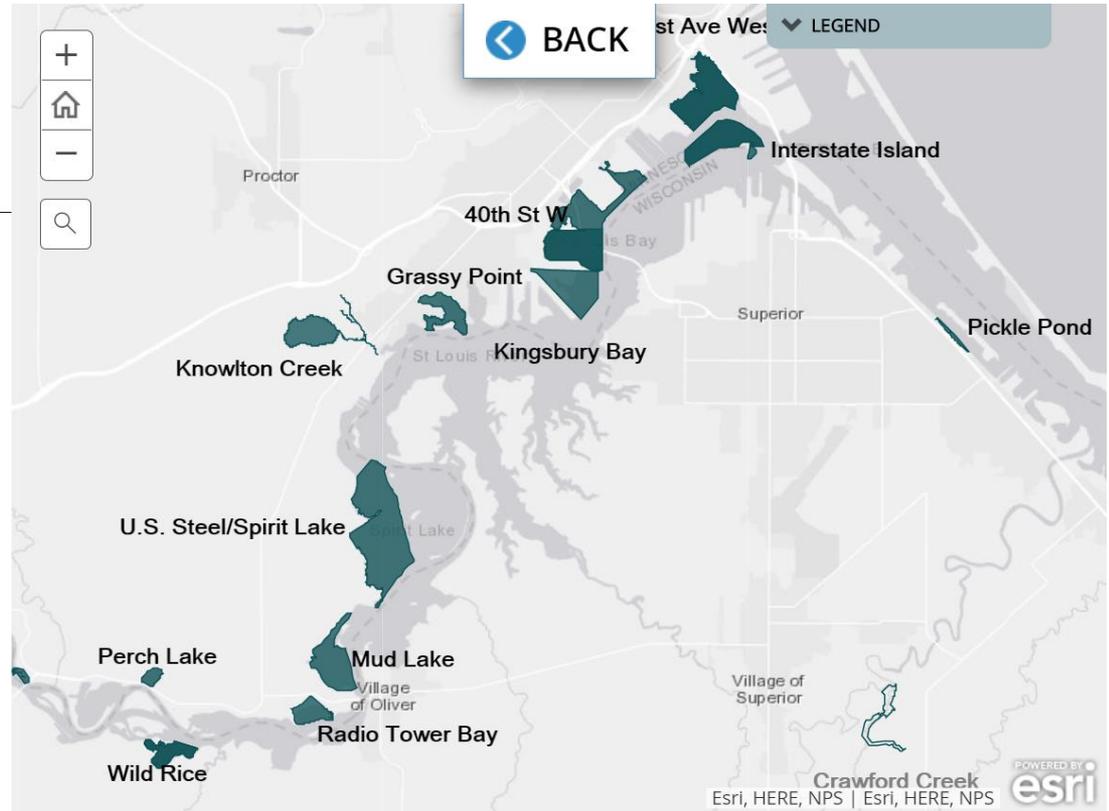
St. Louis River Area of Concern: Addressing the Loss of Fish and Wildlife Habitat

See more on how to interact with this
story map

Show all habitat project locations

To learn more about each project, zoom in and click on a
project's shape OR scroll down through the text OR hover and
click on the buttons in the left index bar.

Return to map with the entire AOC
boundary



Questions???

Contact:

Mike Wenholz

Duluth-Superior Metropolitan Interstate Council

218-529-7573

mwenholz@ardc.org