NOAA GREAT LAKES

Improving NOAA's service to the Nation through collaboration

NOAA and the GLRI:
Summary Presentations of all current NOAA projects

January 22, 2020

For additional information contact:

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Great Lakes RESTORATION

Focus Area 4: Habitats and Species

- 2 Objectives:
  - Protect and restore communities of native species (NOAA)
  - Increase resiliency of species

Objective 4.1 – Protect and Restore Communities of Native Species

Objective

4.1. Protect and restore communities of native aquatic and terrestrial species important to the Great Lakes.

Commitment

- Identify habitats that support important Great Lakes species and take actions to restore, protect, enhance, and/or provide connectivity for these habitats.

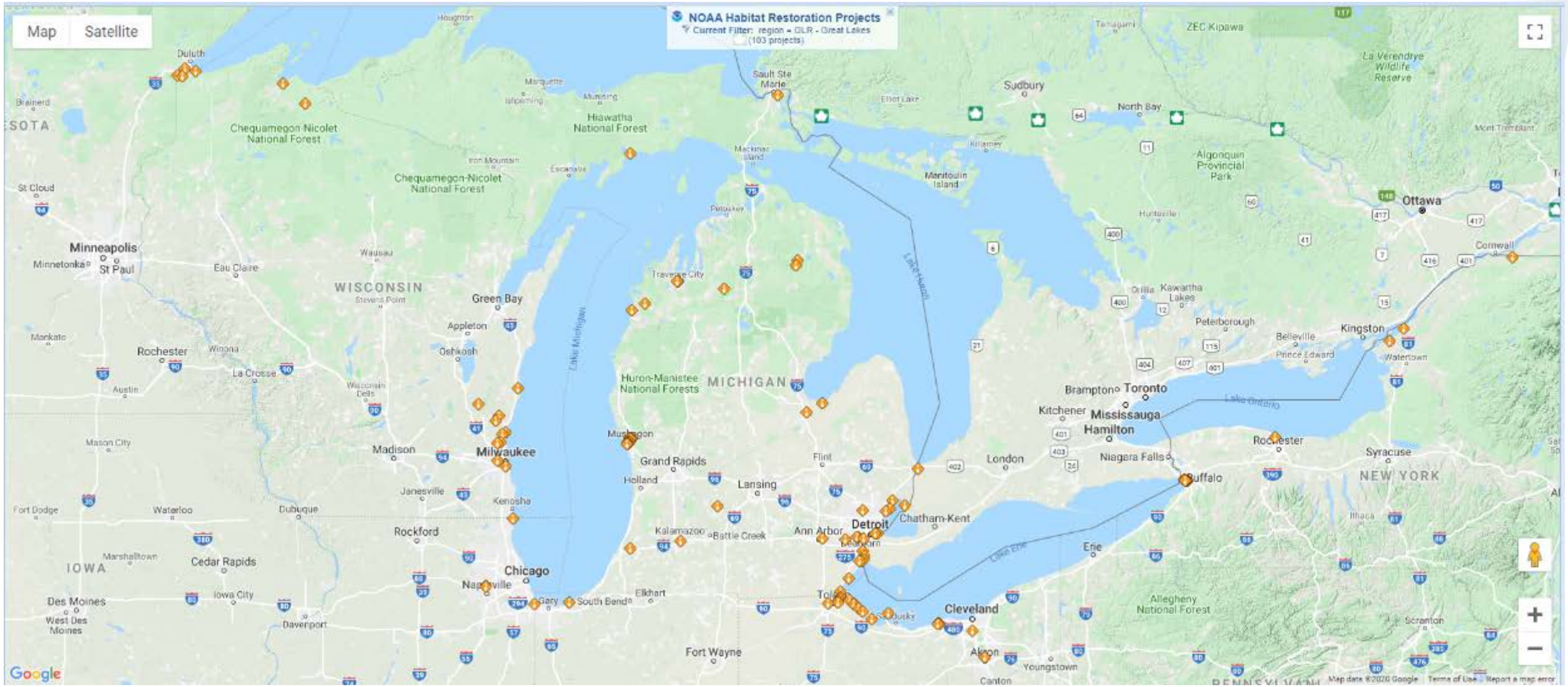
Measures of Progress

- 4.1.1.* Acres of coastal wetland, nearshore, and other habitats restored, protected, or enhanced.
- 4.1.2.* Miles of connectivity established for aquatic species.

Habitat and Species Projects

Project	Presenter
Habitat Restoration through NOAA's Restoration Center - Restoring Habitat for Fisheries Beyond AOCs	Terry Heatlie, NMFS Restoration Center
Sustainable nearshore management solutions to prevent critical habitat loss at Illinois Beach State Park	Brandon Krumwiede, NOS OCM
Monitoring and Restoration of Lake Superior Coastal Wetlands Manoomin (Wild Rice)	Heather Stirratt, NOS OCM
Great Lakes States Shoreline Assessment	Heather Stirratt, NOS OCM
Collaborative management of emerging littoral issues in Wisconsin waters of Lake Superior	Brandon Krumwiede, NOS OCM
Environmental Sensitivity Data Update for High Spill Risk Areas	Nicolle Rutherford, NOS OR&R

NOAA Restoration Center - Habitat Restoration Projects



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Habitat Restoration through NOAA's Restoration Center

Terry Heatlie

NOAA GLRI Webinar

January 22, 2020

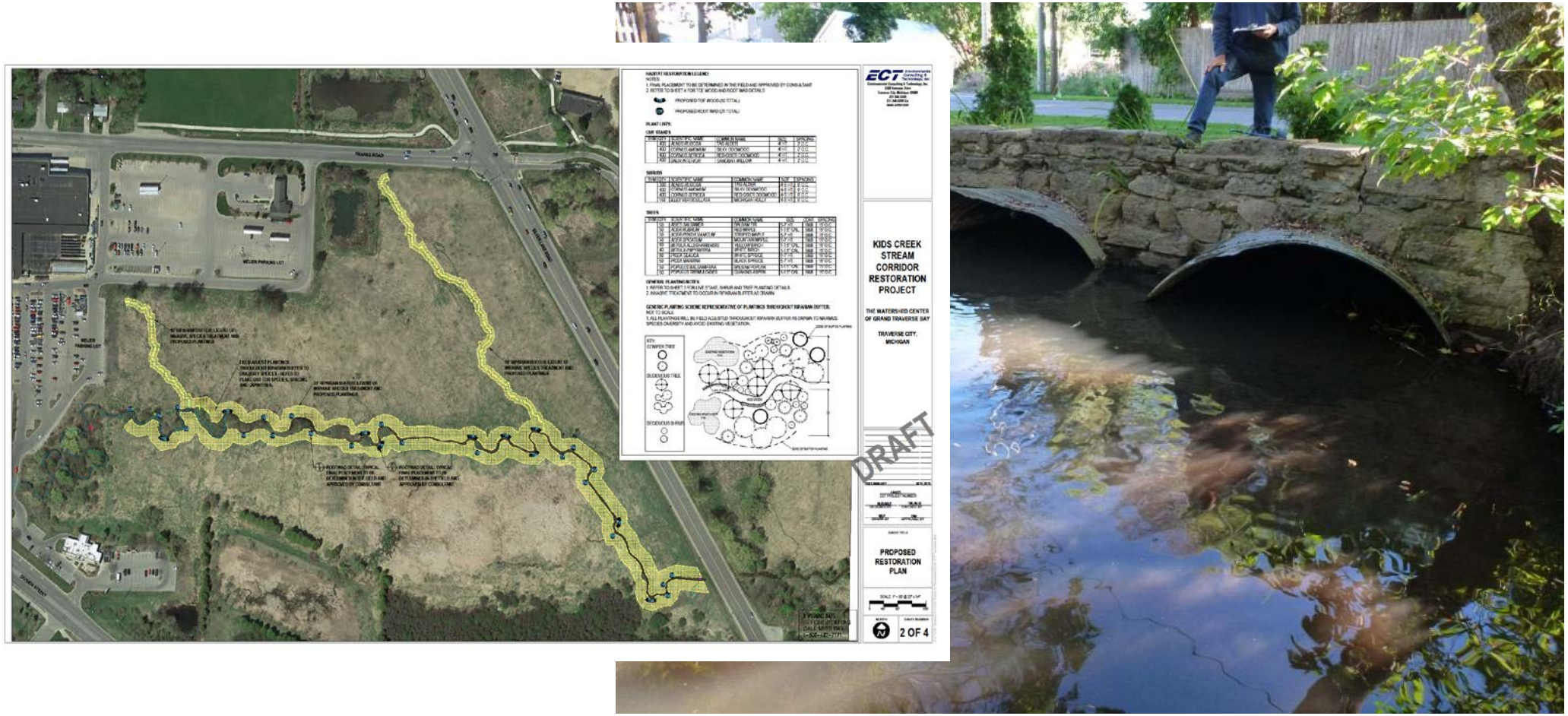
Great Lakes RESTORATION

Habitat Restoration through NOAA's RC

Project Types:

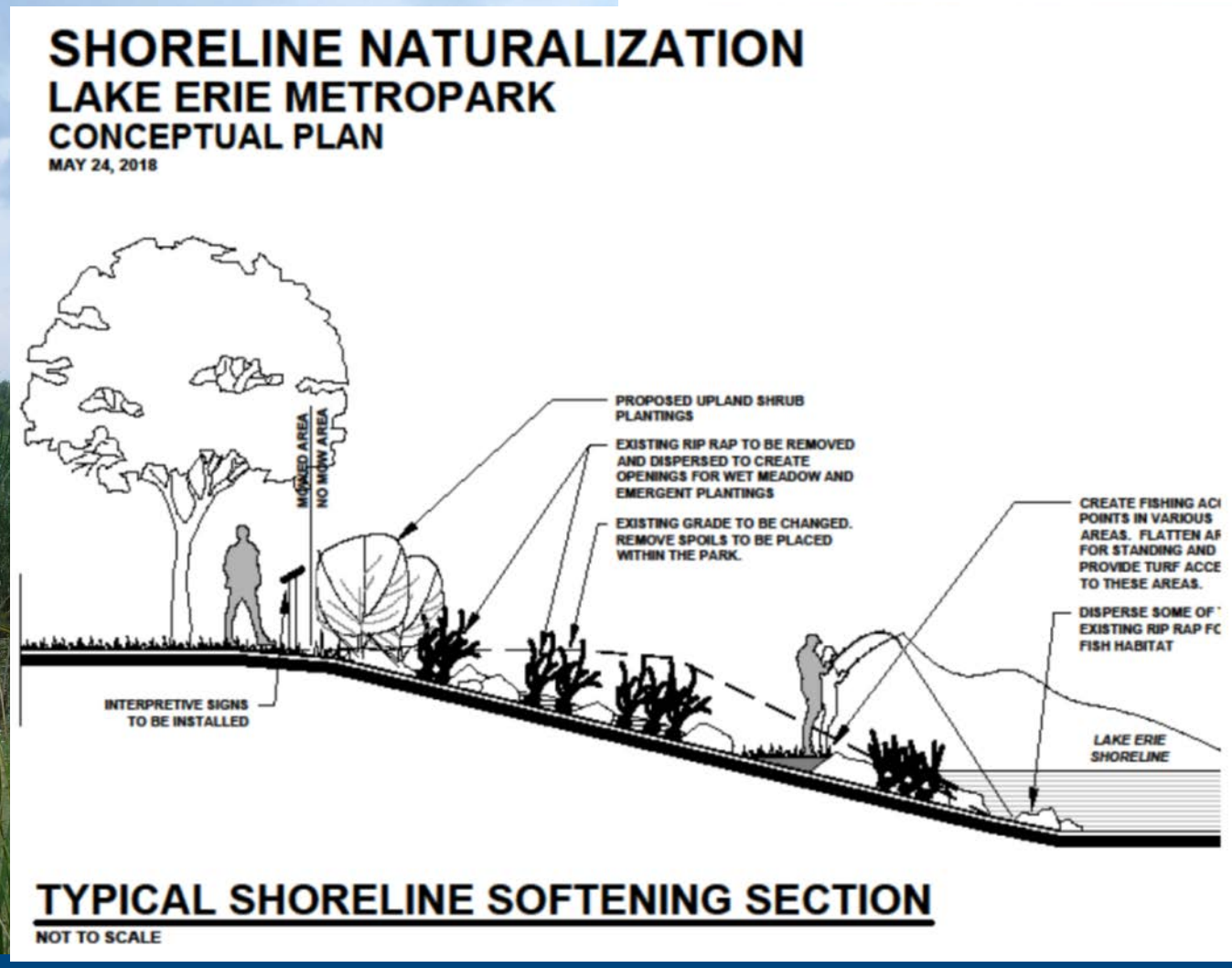
- **Fish Passage**
  - NOAA RC Strategy
  - Improve fish movement (culvert/dam modifications or removal)
- **Hydrologic Reconnection**
  - NOAA RC Strategy
  - Improve tidal or stream flow
- **Shoreline/Coastal Habitat Restoration**
  - Great Lakes “Strategy”
  - Coastal resiliency and naturalization

RC Fish Passage Projects - Kids Creek, Traverse City, MI



RC Fish Passage Projects – Huron Pines, Thunder Bay R. Tribs, MI

RC Hydrologic Reconnection Project – Lake Erie Metropark, Brownstown TP, MI



Lake Erie Metropark Site Map

RC Coastal Habitat Restoration Project – Brandenburg Park, Chesterfield TP, MI

Habitat and Species Q&A

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