



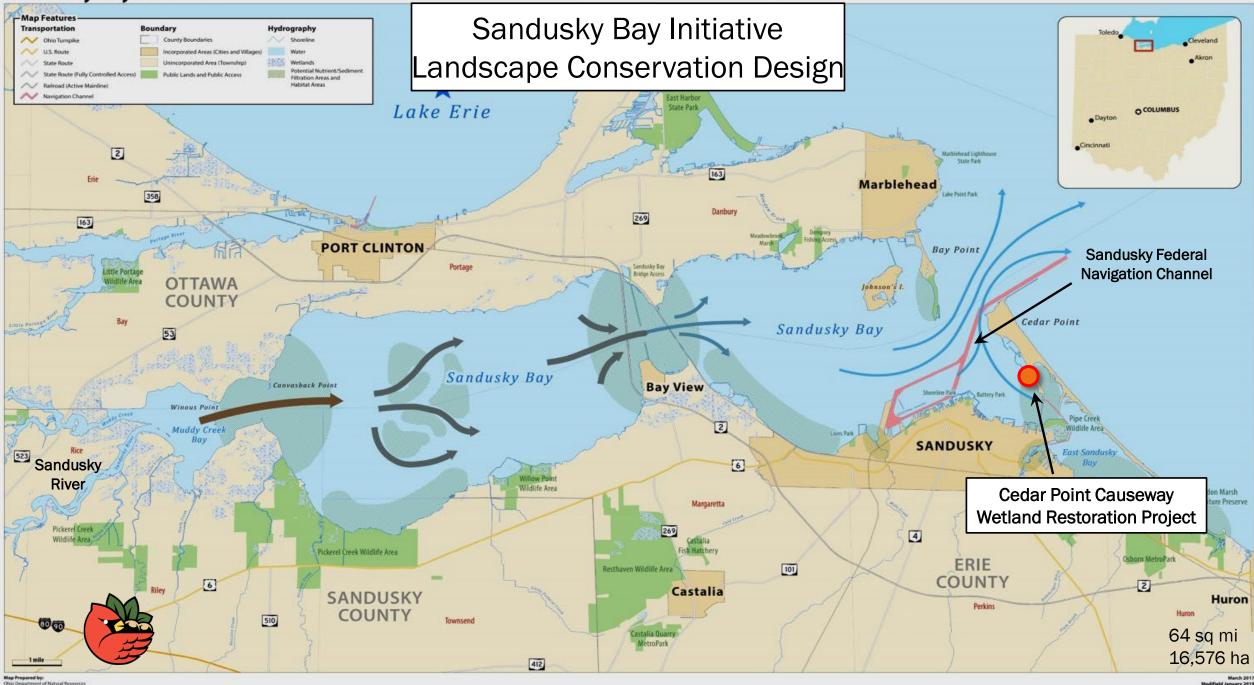
Beneficial Use of Dredge Material for Environmental Restoration

Cedar Point Causeway Wetlands

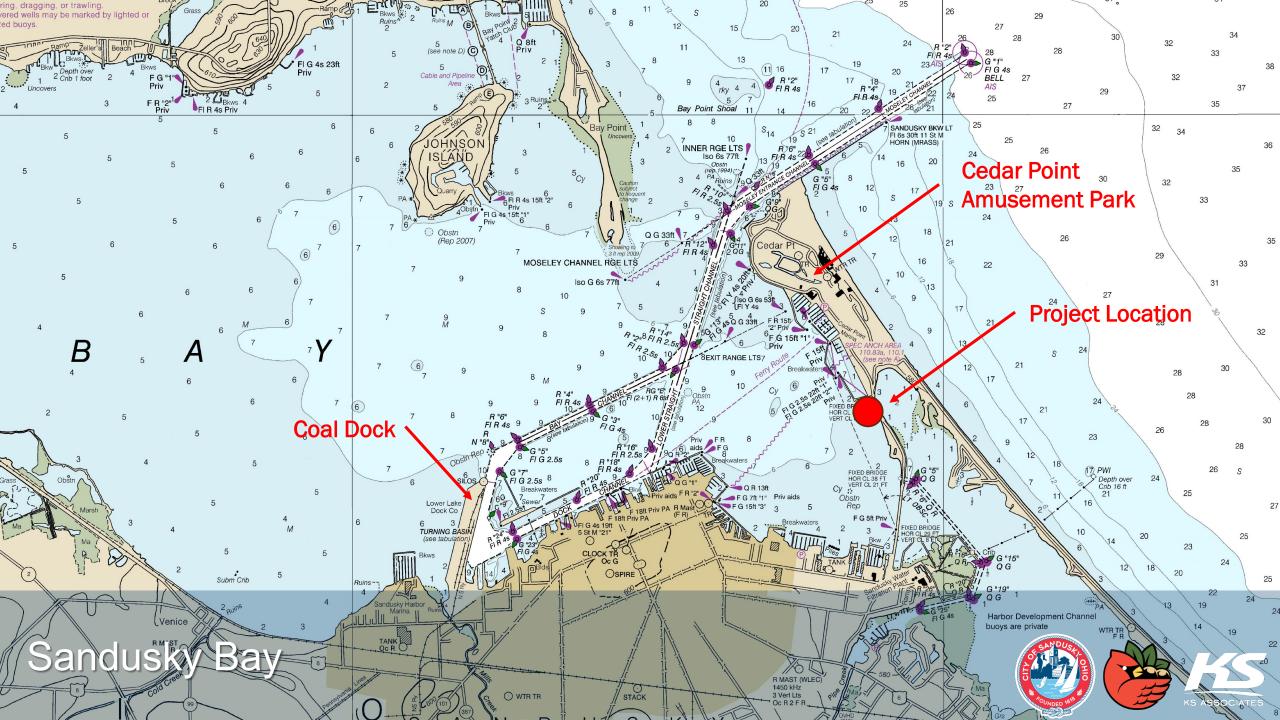
Western Dredging Association 2024 Midwest Chapter Meeting



Sandusky Bay Initiative



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Accommodate 500,000 cy
Realistic construction costs

Project Goals



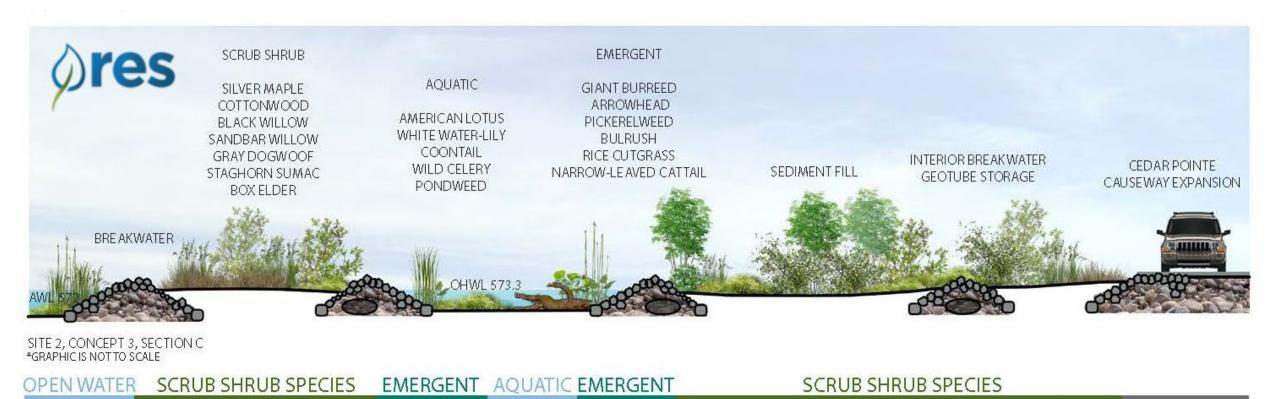
Prioritize soft edges
Maximize emergent backwater habitat
Experimental and replicable
Tolerate some loss/resuspension of material
Naturalize over time

Project Goals



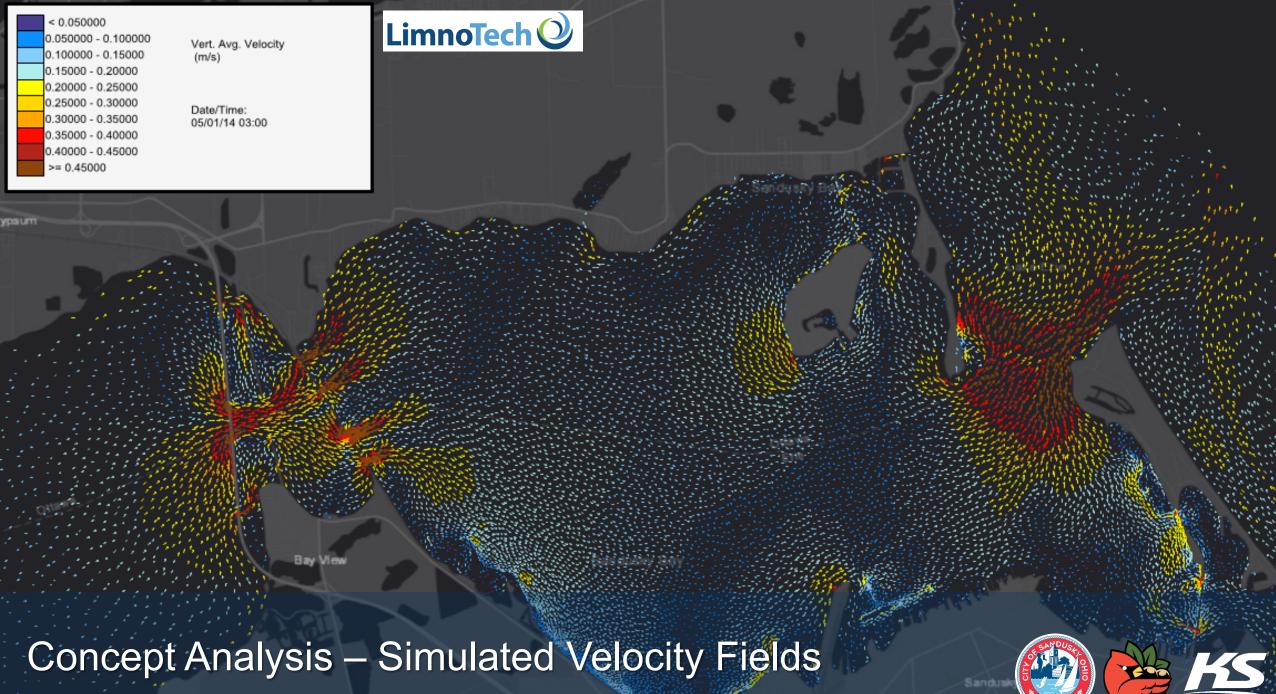






Design Concept





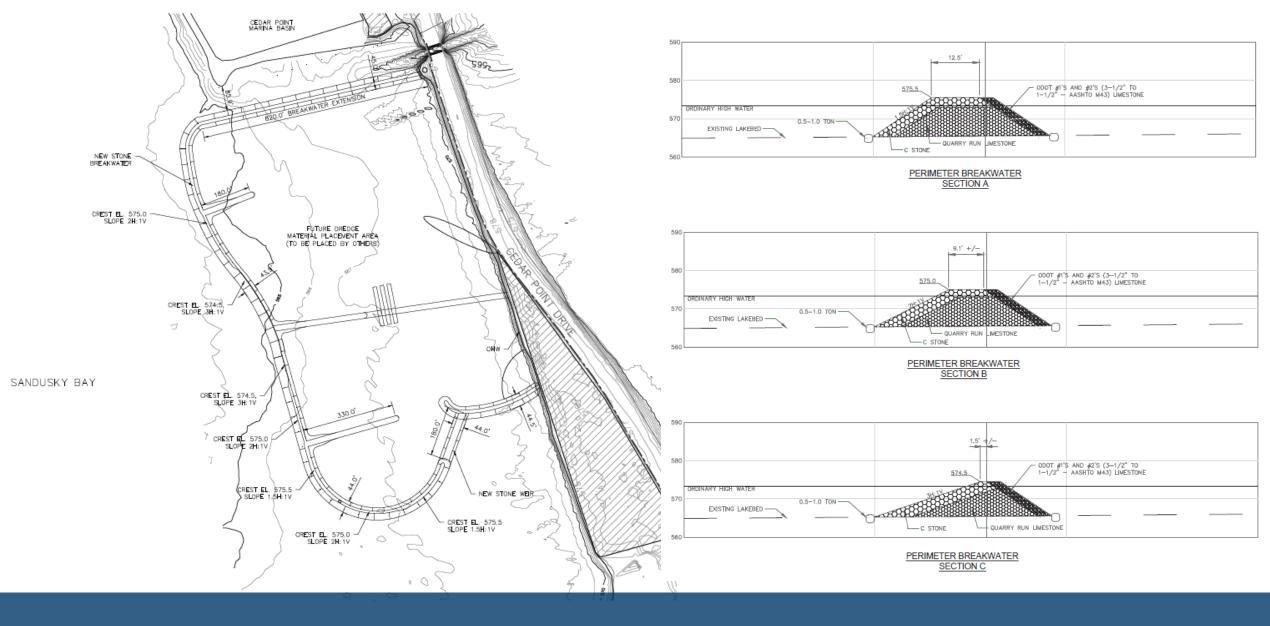






- Capacity: 260,000 cy
- 3,300 Linear Feet of Breakwater
- 31.5 Total Acres of Sandusky Bay
 - 7.7 Acres of Aquatic Habitat
 - 15.2 Acres of Emergent Habitat
 - 0.5 Acres of Riparian Habitat
- Design leaves space for potential causeway expansion











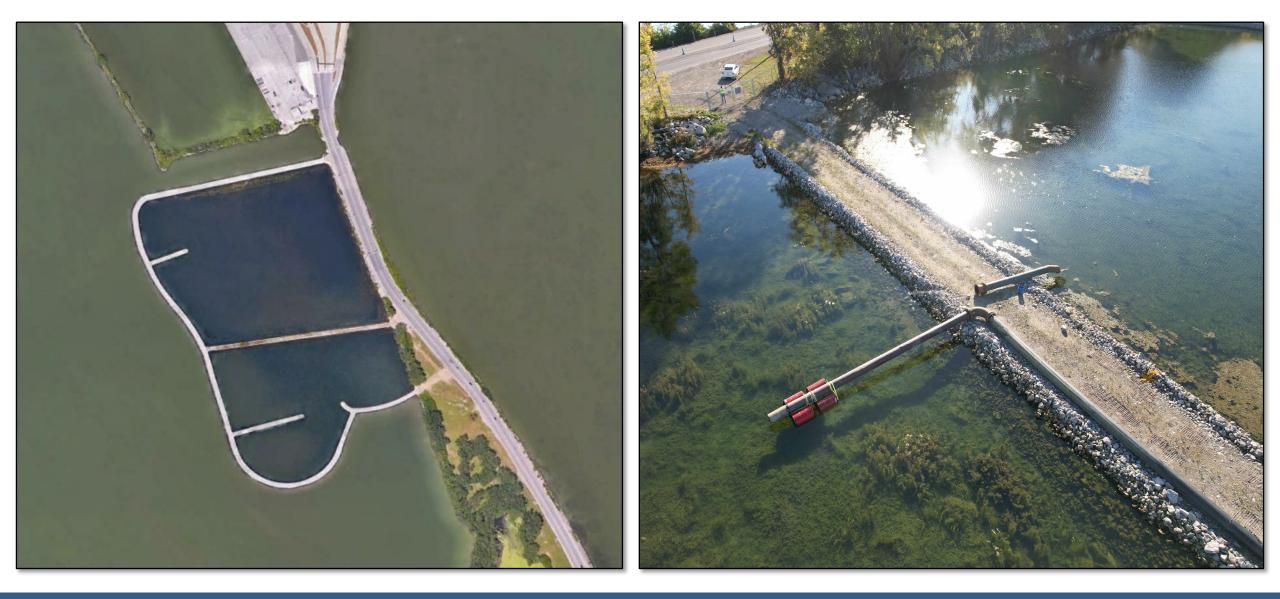
Breakwater Construction





Breakwater Construction





Monitoring





Dredge Placement







Consolidation/Settlement



Dredge Placement





Consolidation/Settlement



Wetland Planting – Spring 2024

100



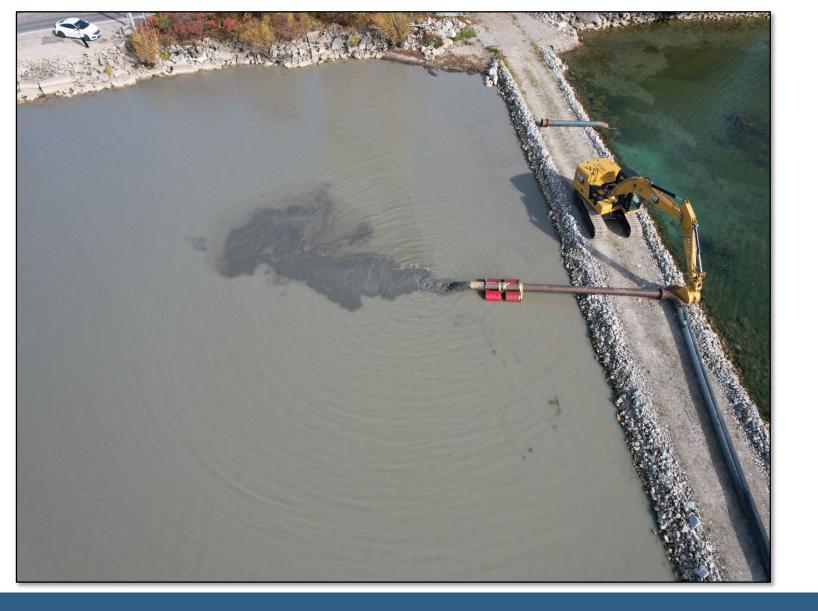
Scrub/Shrub

Emergent

pen Wate

Future Wetlands





Contact:

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Questions

