

The Mississippi Restoration Summit

2023

Everyone participating, in
person or virtually,
JOIN US: www.slido.com

WIFI NETWORK
City of Biloxi – Secure Guest

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MDEQ2023



MISSISSIPPI DEPARTMENT OF
ENVIRONMENTAL QUALITY

PASSWORD
Secure123#



PRESENTATION WILL BEGIN SHORTLY ...

Welcome To The Mississippi Restoration Summit 2023



Chris Wells
Executive Director - MDEQ

RESTORATION SUMMIT PURPOSE

The Restoration Summit was created for a number of purposes, including:

- A single venue to announce restoration projects
- Provide the coastal community an update on restoration projects
- Provide stakeholders with the opportunity for feedback, input, and suggestions on restoration priorities
- Serves as the MS TIG's Annual Meeting



Housekeeping

- This is a hybrid presentation as we are currently LIVE on Facebook.
- This presentation will be available on MDEQ's Restoration website.
- Polling features are open to the in-person audience as well as the LIVE Facebook audience.



SLIDO POLLING QUESTIONS

If you are in the audience –

WIFI is available: MDEQ RESTORATION SUMMIT

Everyone watching, in person or virtually,

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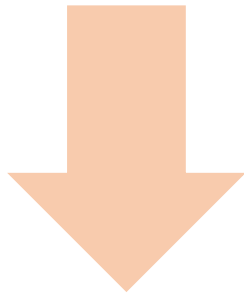
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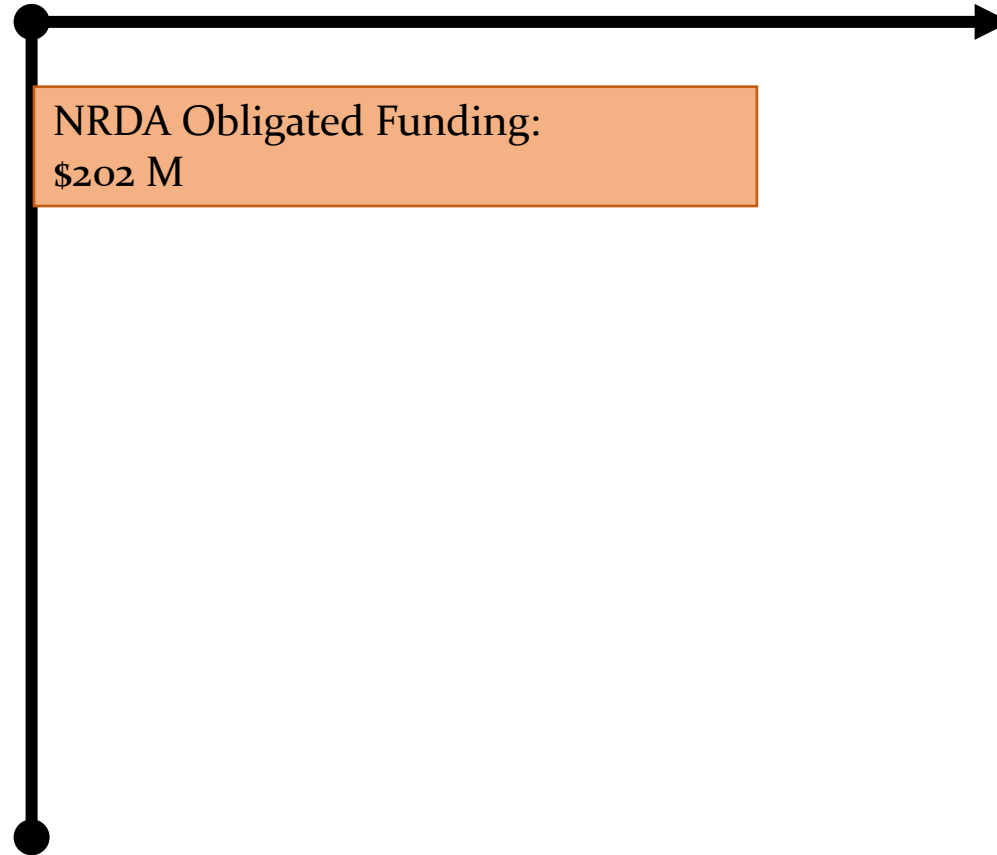
**Is this your first time attending the
Mississippi Restoration Summit?**

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Restoration Funding Streams (MDEQ)

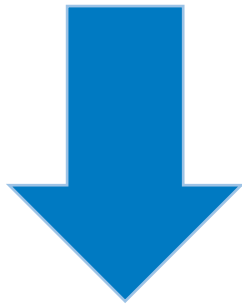


OPA Settlement;
Funding by resource;
Work through TIG;
Ecological focus

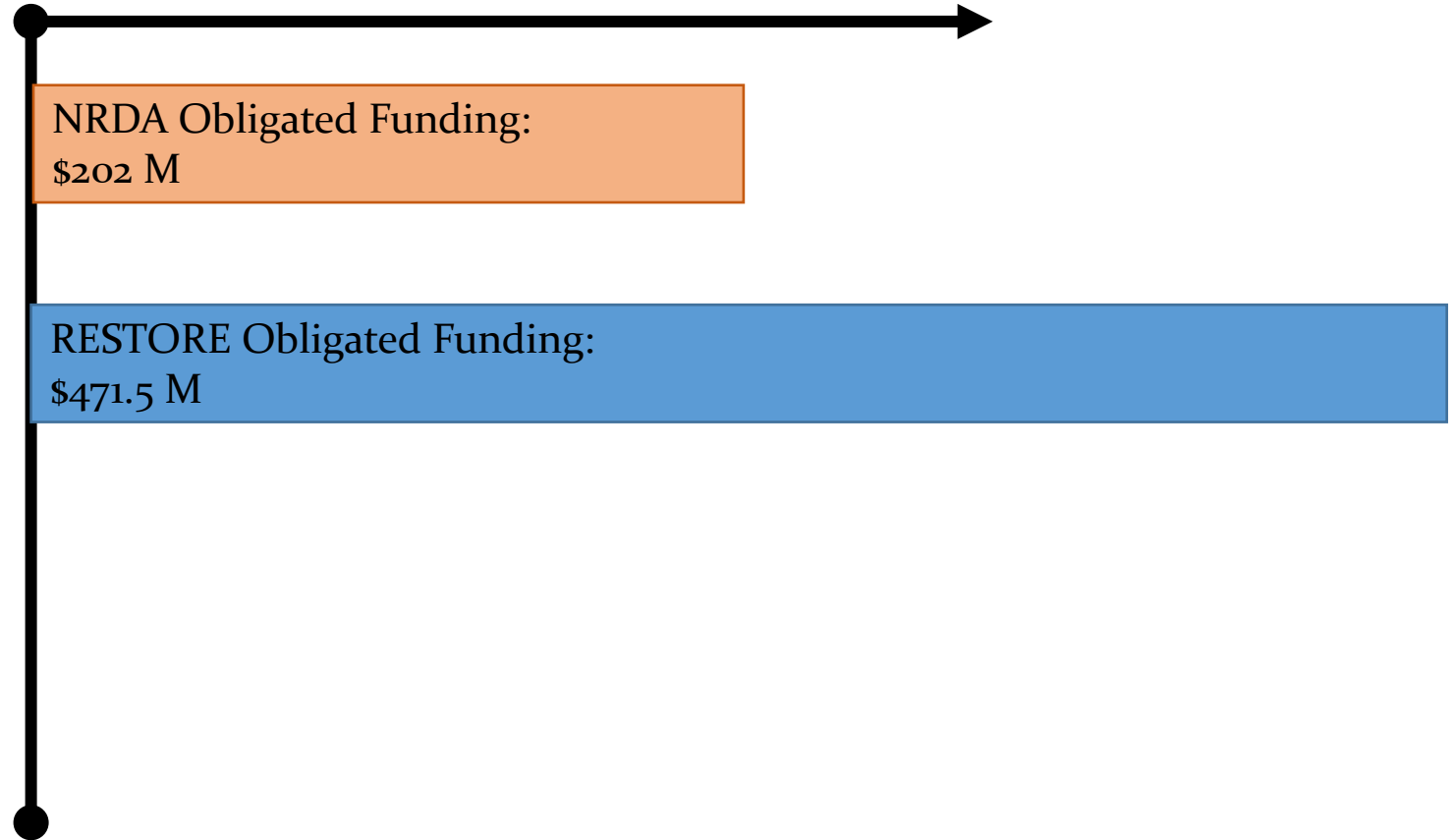


Restoration Funding Streams (MDEQ)

RESTORE



Civil Settlement;
Ecological and Economic;
5 buckets;
RESTORE Council and
Treasury Administered

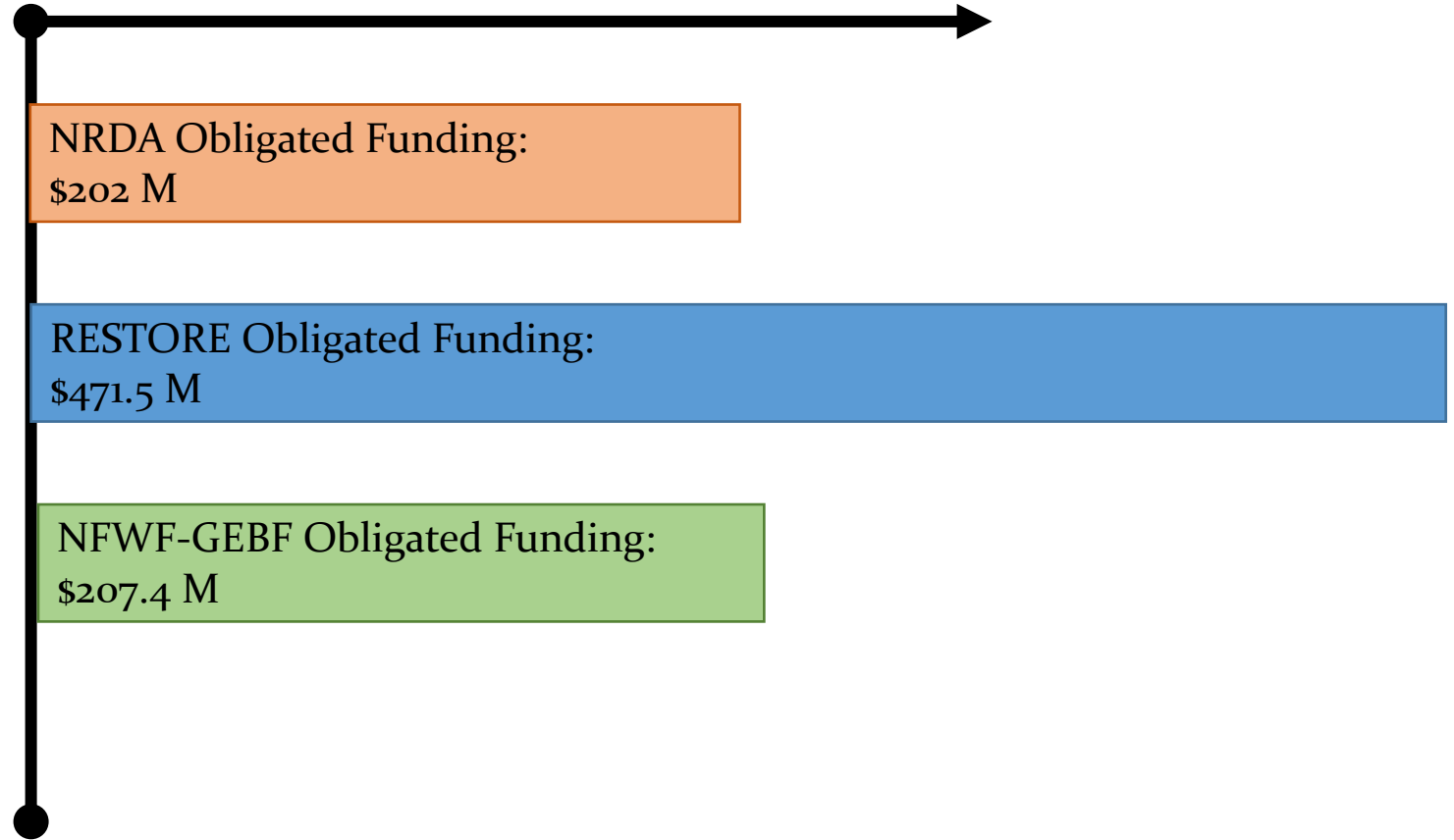


Restoration Funding Streams (MDEQ)

NFWF
GEBF

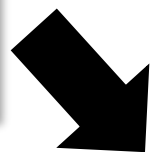


Criminal Settlement;
Plea Agreements;
Damage to Resources affected
by Spill;
Ecological focus



Total Funds Obligated: \$880.9 M

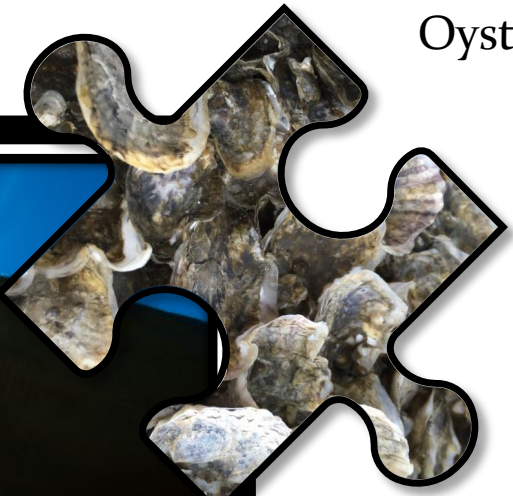
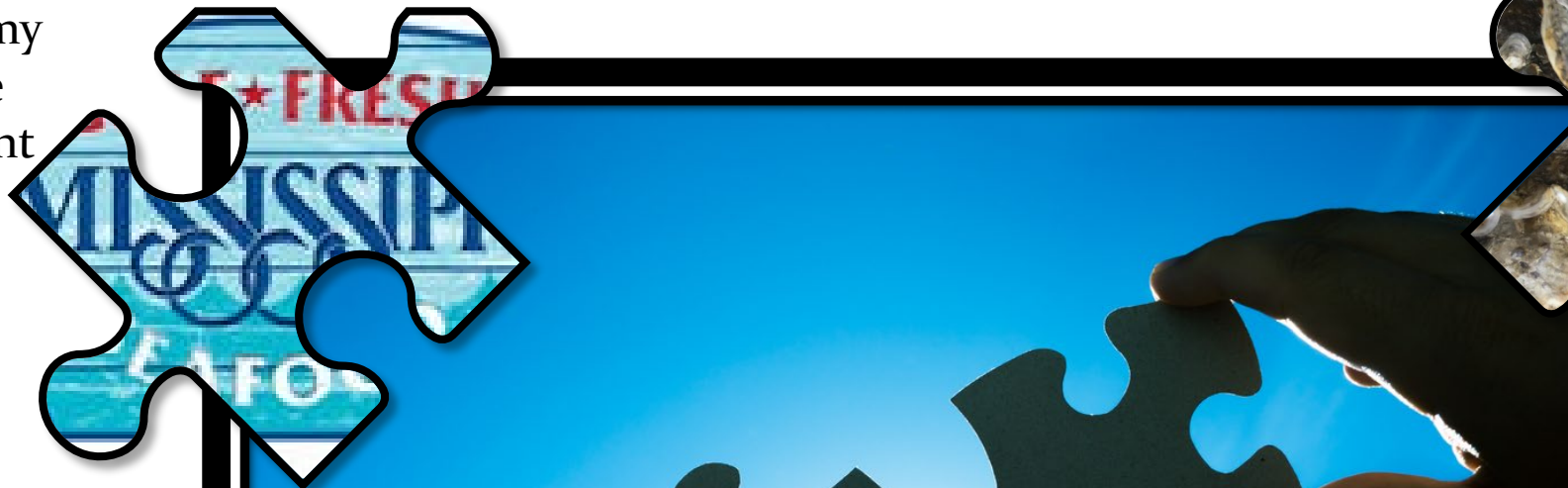
In 2021 – FOCUS: IMPACT



In 2022 – FOCUS: PURPOSEFUL

Gulf Economy
Workforce
Development

Oysters



Coastal
Habitat

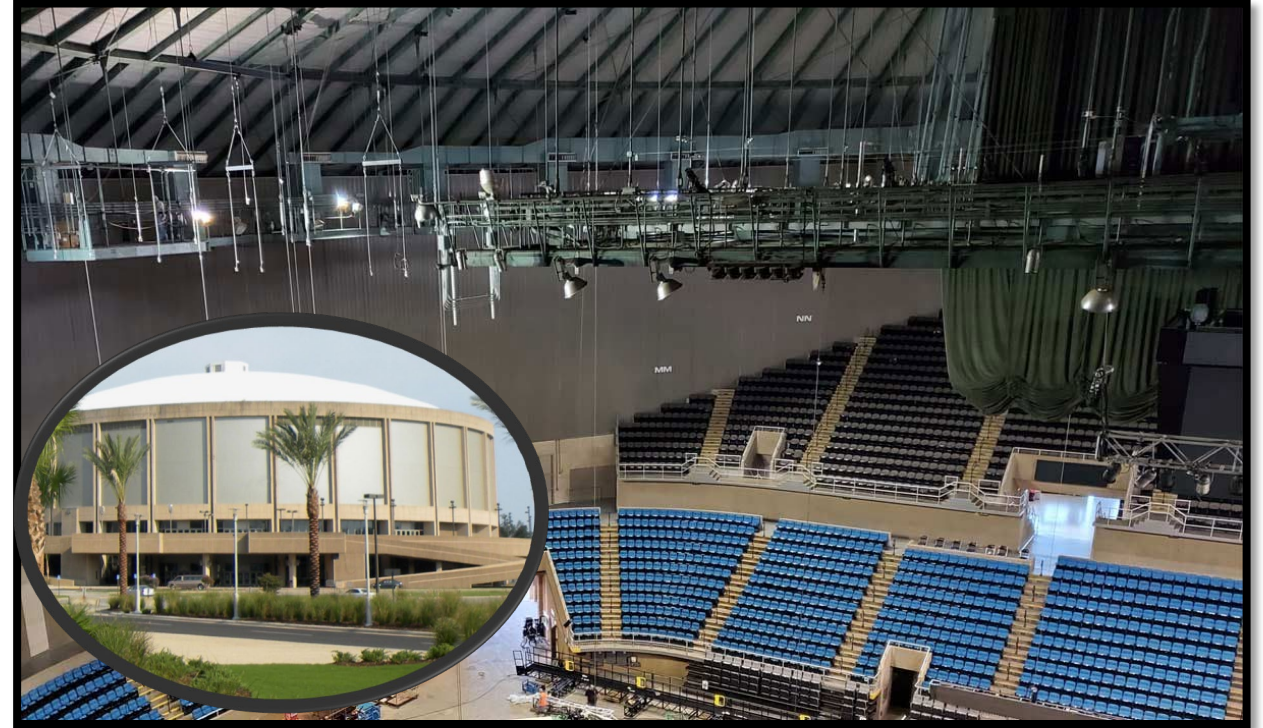


PC: Getty im



Water
Quality

In 2023 – FOCUS: Hidden Impacts



FOCUS: Hidden Impacts



New Project Announcements



RESTORE



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What can be Funded under RESTORE?

Environmental
(Eco-Restoration,
Research and Education)



All things habitat
restoration and
conservation

Infrastructure
(Infrastructure)



Any infrastructure
that benefits the Gulf
Economy

Economy
(Small business,
Tourism, Workforce, Economic
Development, Seafood)



Any Workforce and Economic
Development that will benefit the
Gulf Economy including
marketing, tourism, and seafood

2023 Governor's Gulf Coast Advisory Committee

- 6 Sub-Committees
 - Eco-Restoration
 - Economic Development
 - Seafood
 - Tourism
 - Small Business
 - Workforce Development / Research and Education
- Recommended projects to the Governor for selection
- \$44 million selected between Direct and Oil Spill Components (Buckets 1 and 3)

2023 MIP Project Selections

RESTORE Direct Component Bucket 1

Total MIP: \$24,876,267

Project Title	Eligibility	Funded Amount
Hancock County Fairgrounds Revitalization – Phase II	Infrastructure Benefiting the Economy	\$3,536,267
The Kiln Utility District and Fire District Kapalama Road Water Improvements – Phase II	Infrastructure Benefiting the Economy	\$1,925,000
Point Cadet Marina Improvements - Phase II	Infrastructure Benefiting the Economy	\$5,500,000
HWY 609 Washington Street Gateway - Phase II	Infrastructure Benefiting the Economy	\$5,500,000
GBIA Construction Rehabilitation and Overhaul Facility	Infrastructure Benefiting the Economy	\$6,600,000
Mass Audience Safety and Security Technology	Infrastructure Benefiting the Economy	\$1,815,000

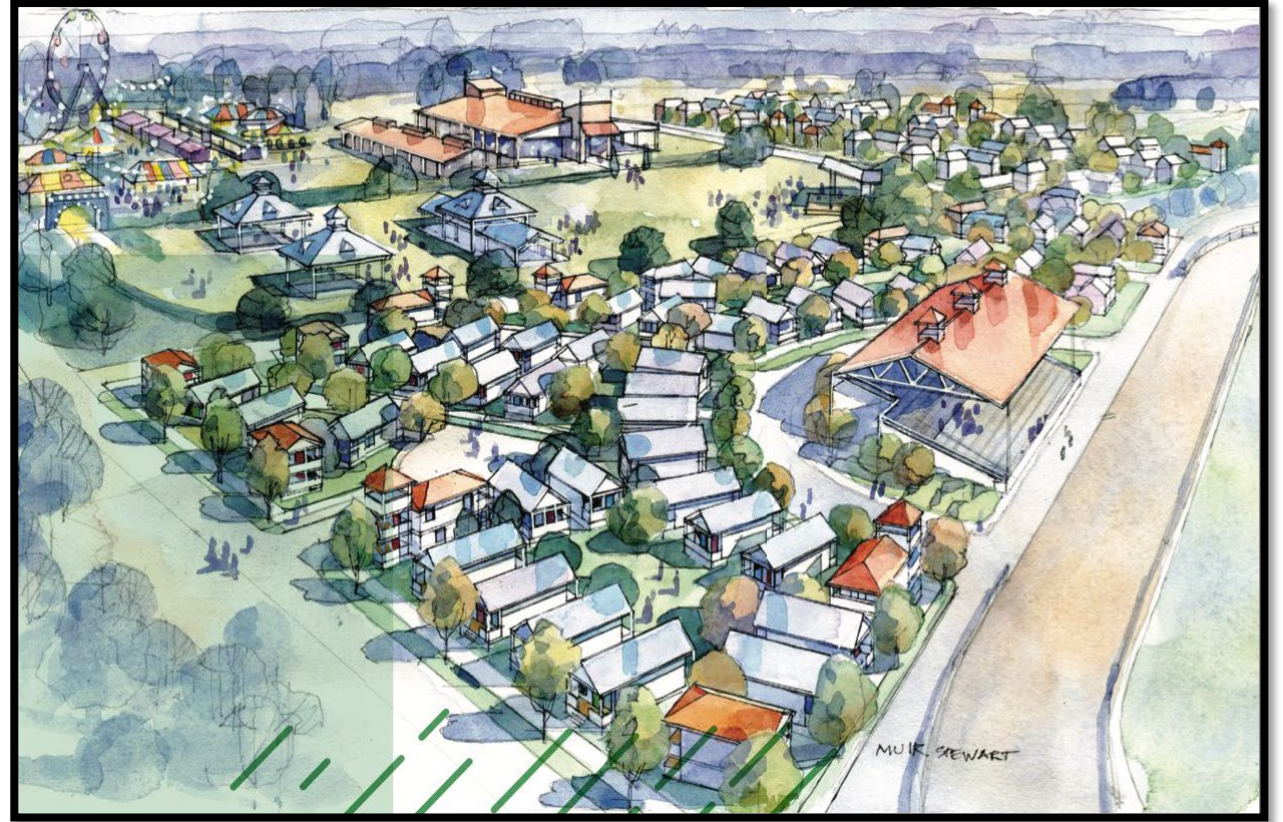
2023 RESTORE MIP

Hancock County Fairgrounds Revitalization – Phase II

Eligibility: Infrastructure

Activity: This project supports the enhancement of site amenities at the fairgrounds.

Cost: \$3,536,267



2023 RESTORE MIP

The Kiln Utility and Fire District – Kapalama Road Water Improvements – Phase II

Eligibility: Infrastructure

Activity: This project will expand water utilities on Kapalama Drive in the Kiln District to meet current and future water demands.

Cost: \$1,925,000



2023 RESTORE MIP

Point Cadet Marina Improvements - Phase II

Eligibility: Infrastructure

Activity: Infrastructure improvements to modernize Point Cadet Marina and grow recreational/sports tourism like the Billfish Classic and support East Biloxi redevelopment.

Cost: \$5,500,000



2023 RESTORE MIP

HWY 609 Washington Street Gateway - Phase II

Eligibility: Infrastructure

Activity: This project will construct pedestrian friendly features including sidewalks, a crosswalk, and a landscaped median from Old Fort Bayou Road to Highway 90.

Cost: \$5,500,000



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2023 RESTORE MIP

GBIA Construction Rehabilitation and Overhaul Facility

Eligibility: Infrastructure

Activity: This project will support the construction of an aircraft Maintenance, Repair, and Overhaul (MRO) facility at the Gulfport-Biloxi International Airport.

Cost: \$6,600,000



2023 RESTORE MIP

Mass Audience Safety and Security Technology

Eligibility: Infrastructure

Activity: This project will implement transformation security improvements in the Coliseum and Convention Center through the installation of state-of-the-art walk-through threat detection systems at all entrances.

Cost: \$1,815,000



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2023 SEP Project Selections

RESTORE Oil Spill Component Bucket 3

Total SEP: \$19,625,000

Project Title	Eligibility	Funded Amount
Non-specific Invasive Species Detection & Treatment	Eco-Restoration	\$1,100,000
Pascagoula River Scenic Trail	Tourism	\$2,750,000
Artificial Reef Project	Eco-Restoration	\$1,980,000
Coastal Education Program in Mississippi High Schools – Phase II	Workforce Development	\$1,320,000
Addition of Interactive Exhibit at the Mississippi Aquarium	Tourism	\$4,500,000
D’Iberville Working Waterfront and Commercial Seafood Harbor Project - Phase II	Seafood	\$2,200,000
Natural Gas Improvements	Infrastructure Benefiting the Economy	\$1,100,000
KHSA Taxilane Sierra Extension	Infrastructure Benefiting the Economy	\$1,925,000
Classrooms and dormitories for the Center for Marine Education & Research	Infrastructure Benefiting Ecological Resources	\$2,750,000

2023 RESTORE SEP

Non-specific Invasive Species Detection & Treatment

Eligibility: Eco-Restoration

Activity: Expansion of programs to
to reduce and remove invasive
species that impact coastal habitats
including marshes and estuaries.

Cost: \$1,100,000



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2023 RESTORE SEP

Pascagoula River Scenic Trail

Eligibility: Tourism

Activity: This project will develop ecotourism opportunities by establishing a blueway along the Pascagoula River. Water access trailheads will include amenities such as kayak launches, pavilions, parking for visitors, and kiosks with maps of the area.

Cost: \$2,750,000



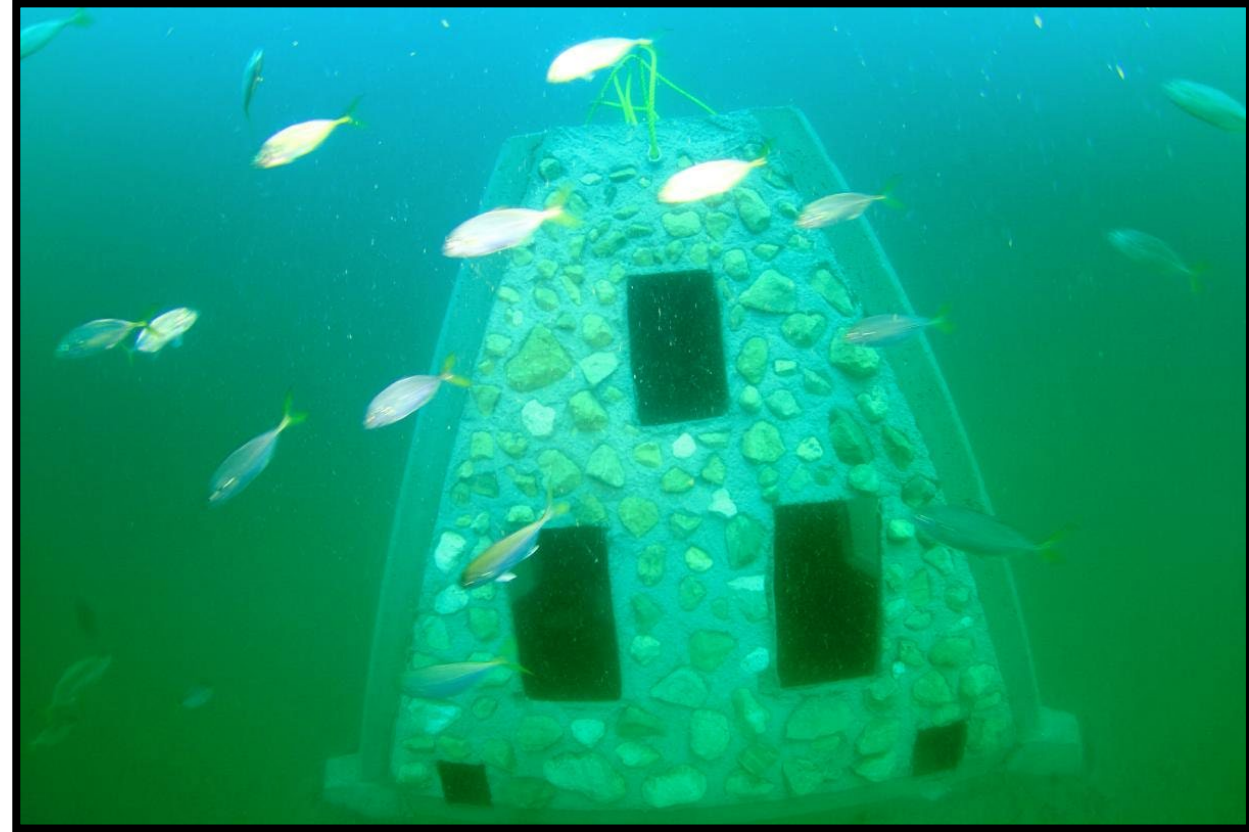
2023 RESTORE SEP

Artificial Reef Project

Eligibility: Eco-Restoration

Activity: This project will Construct artificial reefs in Mississippi state waters to address the increasing demand for sustainable fishing and provide habitat for numerous marine species.

Cost: \$1,980,000



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2023 RESTORE SEP

Coastal Education Program for Mississippi High Schools – Phase II

Eligibility: Infrastructure
Benefiting Ecological Resources

Activity: This project will enhance environmental science education related to marine ecosystem education at high schools on the Mississippi coast.

Cost: \$1,320,000



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2023 RESTORE SEP

Addition of Interactive Exhibit at the Mississippi Aquarium

Eligibility: Tourism

Activity: This project will enhance tourism opportunities for the Mississippi Gulf Coast by creating an additional interactive exhibit at the Mississippi Aquarium.

Cost: \$4,500,000



2023 RESTORE SEP

D'Iberville Working Waterfront and Commercial Seafood Harbor Project - Phase II

Eligibility: Infrastructure

Activity: This project supports the continuation of planning and construction activities for the development of a working waterfront and commercial seafood harbor in D'Iberville, MS. Construction activities include a new commercial seafood marina and breakwater and a working waterfront with a bulkhead, shoreline boardwalk, and pavilion event/office space.

Cost: \$2,200,000



2023 RESTORE SEP

Natural Gas Improvements Eligibility: Infrastructure

Activity: This project will replace existing natural gas lines along State Highway 603 in Waveland, MS to support businesses and residents in the area.

Cost: \$1,100,000



2023 RESTORE SEP

KHSA Taxilane Sierra Extension

Eligibility: Infrastructure

Activity: This project will extend Taxilane Sierra at Stennis International Airport to allow for increased capacity and economic development and will bring aeronautical access to an existing 13,000SF Hangar.

Cost: \$1,925,000



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2023 RESTORE SEP

Classrooms and dormitories for the Center for Marine Education & Research

Eligibility: Infrastructure Benefiting Ecological Resources

Activity: This project will construct dormitories and classroom facilities to promote teaching and research at the Institute of Marine Mammal Studies.

Cost: \$2,750,000



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DWH NRDA



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Mississippi Trustee Implementation Group (MS TIG) - Annual Meeting Update

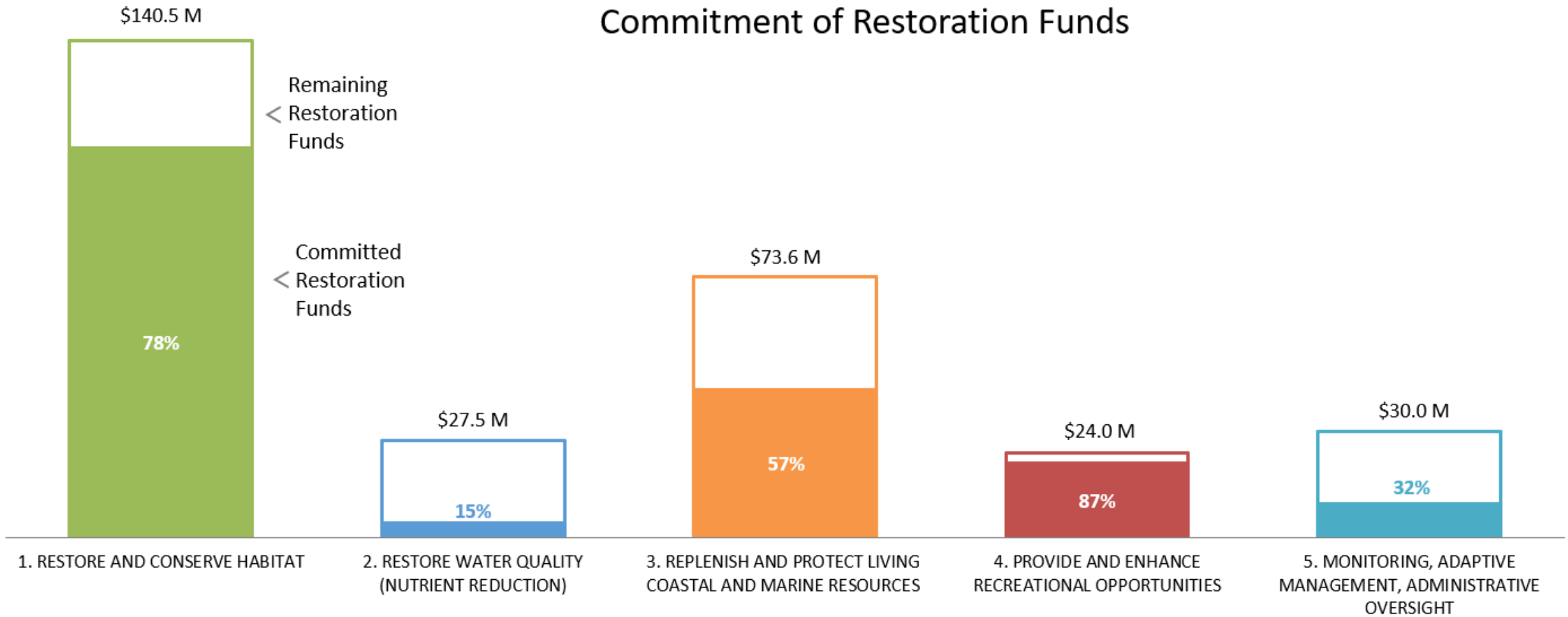
DWH NRDA MS TIG - Annual Meeting Update

MS Trustee Implementation Group



DWH NRDA MS TIG - Annual Meeting Update

Commitment of Restoration Funds



Data current as of May 2023

DWH NRDA MS TIG - Annual Meeting Update

Mississippi TIG Draft Restoration Plan 4 and Environmental Assessment: Wetlands, Coastal and Nearshore Habitats; Nutrient Reduction (Nonpoint Source); and Provide and Enhance Recreational Opportunities

- Draft Plan released 8/31/23
- Public Comments were due 10/13/23.
- For RP4 we are proposing to allocate a total of \$26,353,000 across three Restoration Types:
 - \$18.5 million for Wetlands, Coastal, and Nearshore Habitats projects,
 - \$5 million for Nutrient Reduction projects, and
 - \$2.85 million for Provide and Enhance Recreational Opportunities projects.
- Final Plan will be released later this year or 1st quarter 2024



DWH NRDA MS TIG - Annual Meeting Update

Allocation of DWH Settlement Funds for the Mississippi Restoration Area by Restoration Type

PDARP/PEIS Programmatic Restoration Goal	Restoration Type	Total MS TIG Settlement Funds	Funds Previously Allocated	Funds Proposed in RP4/EA Projects
Restore and Conserve Habitat	Wetlands, Coastal and Nearshore Habitats	\$135,500,000	\$107,137,500	\$18,500,000
	Habitat Projects on Federally Managed Lands	\$5,000,000	\$3,000,000	--
Restore Water Quality	Nutrient Reduction	\$27,500,000	4,000,000	\$5,000,000
Replenish and Protect Living Coastal and Marine Resources	Sea Turtles	\$5,000,000	\$2,500,000	--
	Marine Mammals	\$10,000,000	\$5,440,000	--
	Birds	\$25,000,000	\$11,355,500	--
	Oysters	\$33,600,000	\$24,100,000	--
Provide and Enhance Recreational Opportunities	Provide and Enhance Recreational Opportunities	\$23,957,000	\$20,943,000	\$2,853,000
	TOTAL	\$265,557,000	\$178,476,000	\$26,353,000

DWH NRDA MS TIG - Annual Meeting Update

Mississippi TIG RP4 Reasonable Range of Alternatives

Proposed Restoration Alternatives	Preferred Non-Preferred	Estimated Project Cost
Restoration Type: Wetlands, Coastal, and Nearshore Habitats (WCNH)		
WCNH1. Coastwide Habitat Acquisition	Preferred	\$5,000,000
WCNH2. Living Shoreline Bulkhead Alternative	Preferred	\$3,000,000
WCNH3. Hancock County Marsh Living Shoreline Phase 6 Breakwater	Preferred	\$10,500,000
WCNH4. Sand Dune Restoration	Non-Preferred	\$2,000,000
Restoration Type: Nutrient Reduction (Nonpoint Source) (NR)		
NR1. Back Bay – Davis Bayou Nutrient Reduction	Preferred	\$2,500,000
NR2. Big Cedar Creek – Rocky Creek Nutrient Reduction	Preferred	\$2,500,000
NR3. Big Cedar Creek – West Pascagoula River Nutrient Reduction	Non-Preferred	\$2,500,000
Restoration Type: Provide and Enhance Recreational Opportunities (REC)		
REC1. Jourdan River Boardwalk	Preferred	\$2,118,000
REC2. Shepard State Park Recreational Enhancements-1	Preferred	\$735,000
REC3. Shepard State Park Recreational Enhancements-2	Non-Preferred	\$3,045,000
Subtotal for Preferred Alternatives		\$26,353,000

DWH NRDA MS TIG - Annual Meeting Update

NRDA MS TIG Project Updates

DWH NRDA MS TIG Project Update

Bird Stewardship and Enhanced Monitoring in Mississippi



DWH NRDA MS TIG Project Update

Bird Stewardship and Enhanced Monitoring in Mississippi



DWH NRDA MS TIG

Project Update

**Bird Stewardship and Enhanced
Monitoring in Mississippi**



DWH NRDA MS TIG Project Update

Mississippi Oyster Gardening Program



NRDA MS TIG Project Update

Mississippi Oyster Gardening Program



NRDA MS TIG Project Update

Wolf River Coastal Preserve Habitat Management – Dupont Tract



NRDA MS TIG Project Update

Wolf River Coastal Preserve Habitat Management – Dupont Tract



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What are the priorities that ecological restoration should focus on?

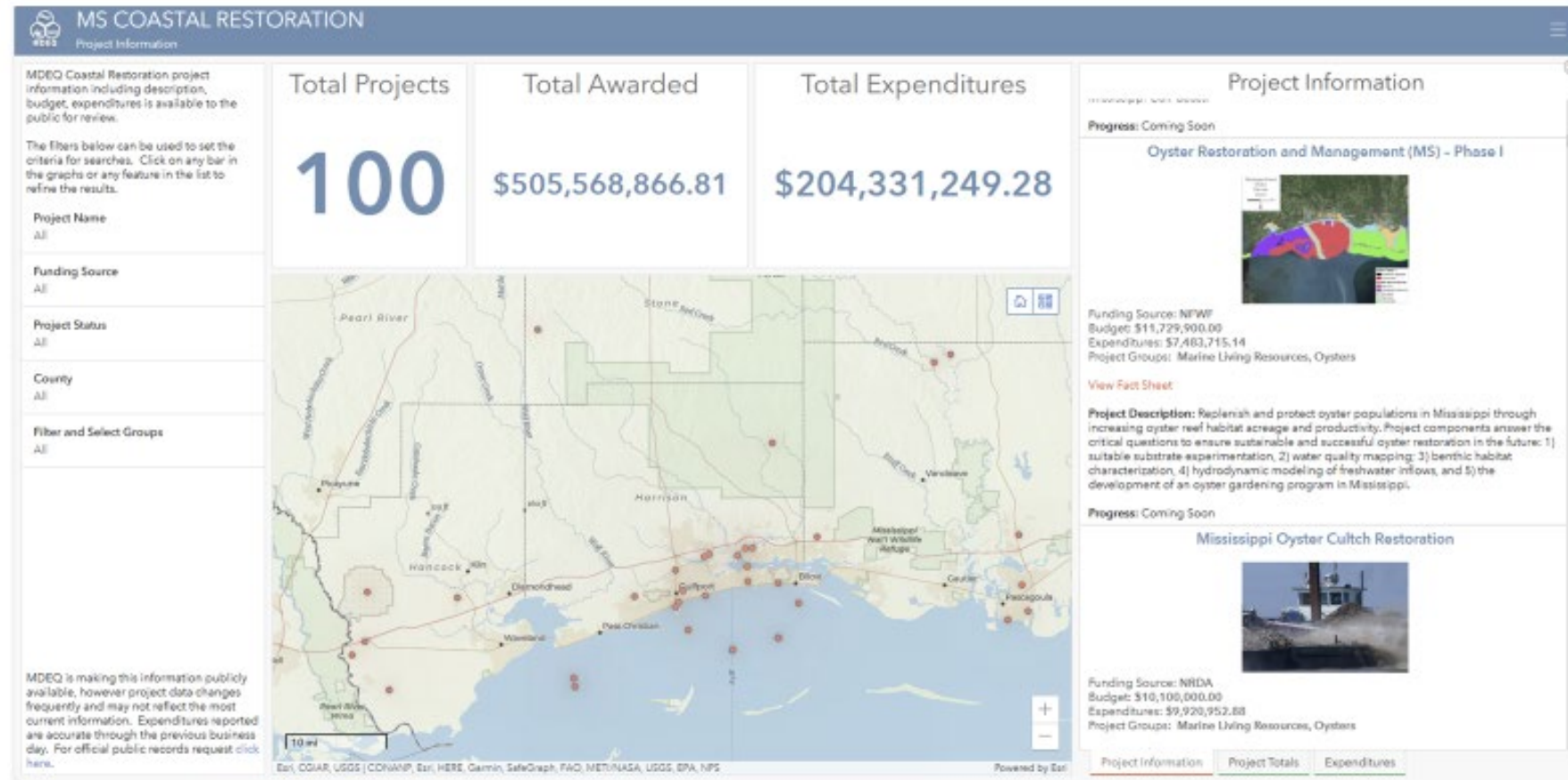
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PROGRAM HIGHLIGHTS



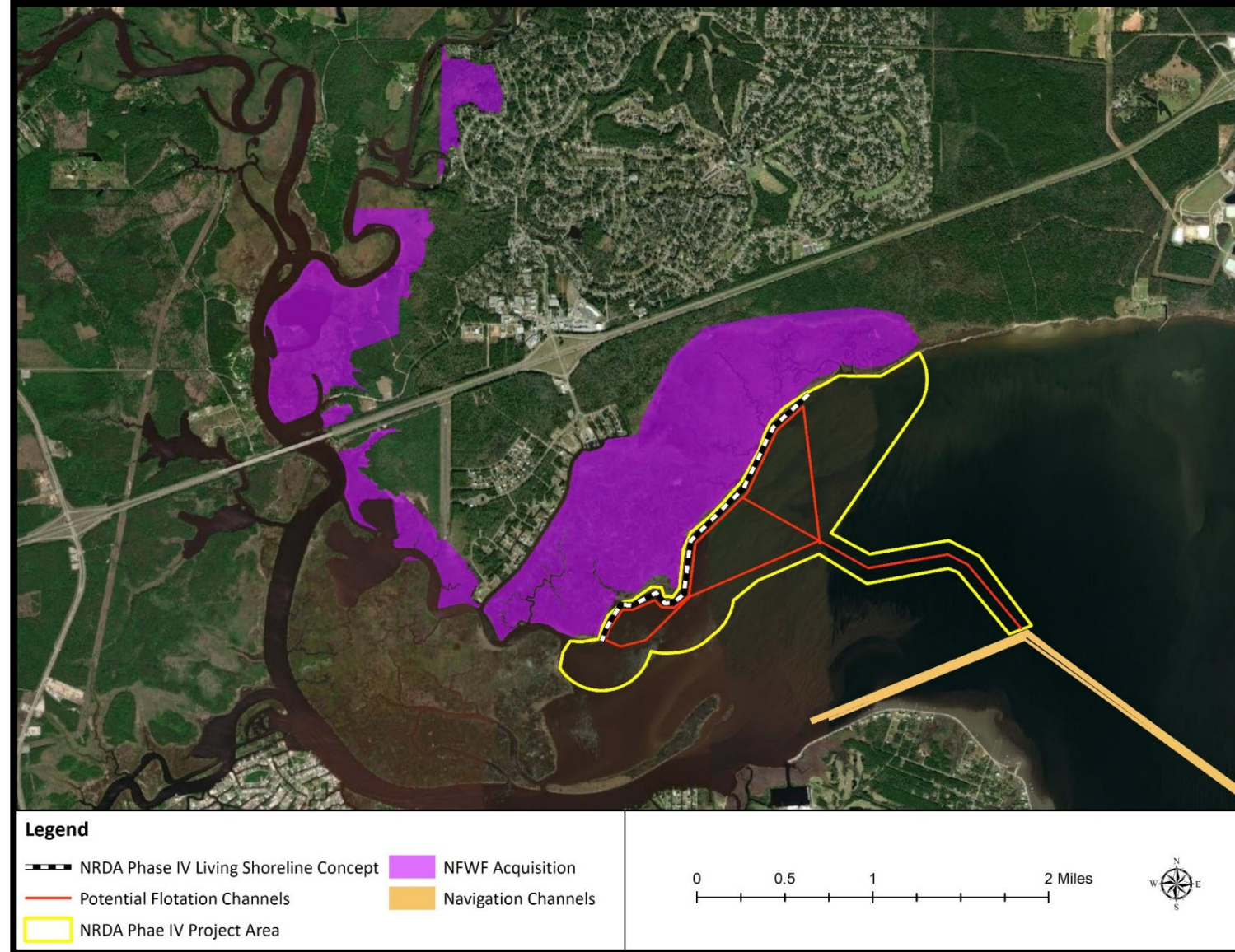
The Coastal Restoration Dashboard

The MDEQ Coastal Restoration Dashboard with Story Maps will be public in Winter of this year



Land Acquisition

The Jourdan River Coastal Preserve adds 1,260 acres adjacent to St. Louis Bay



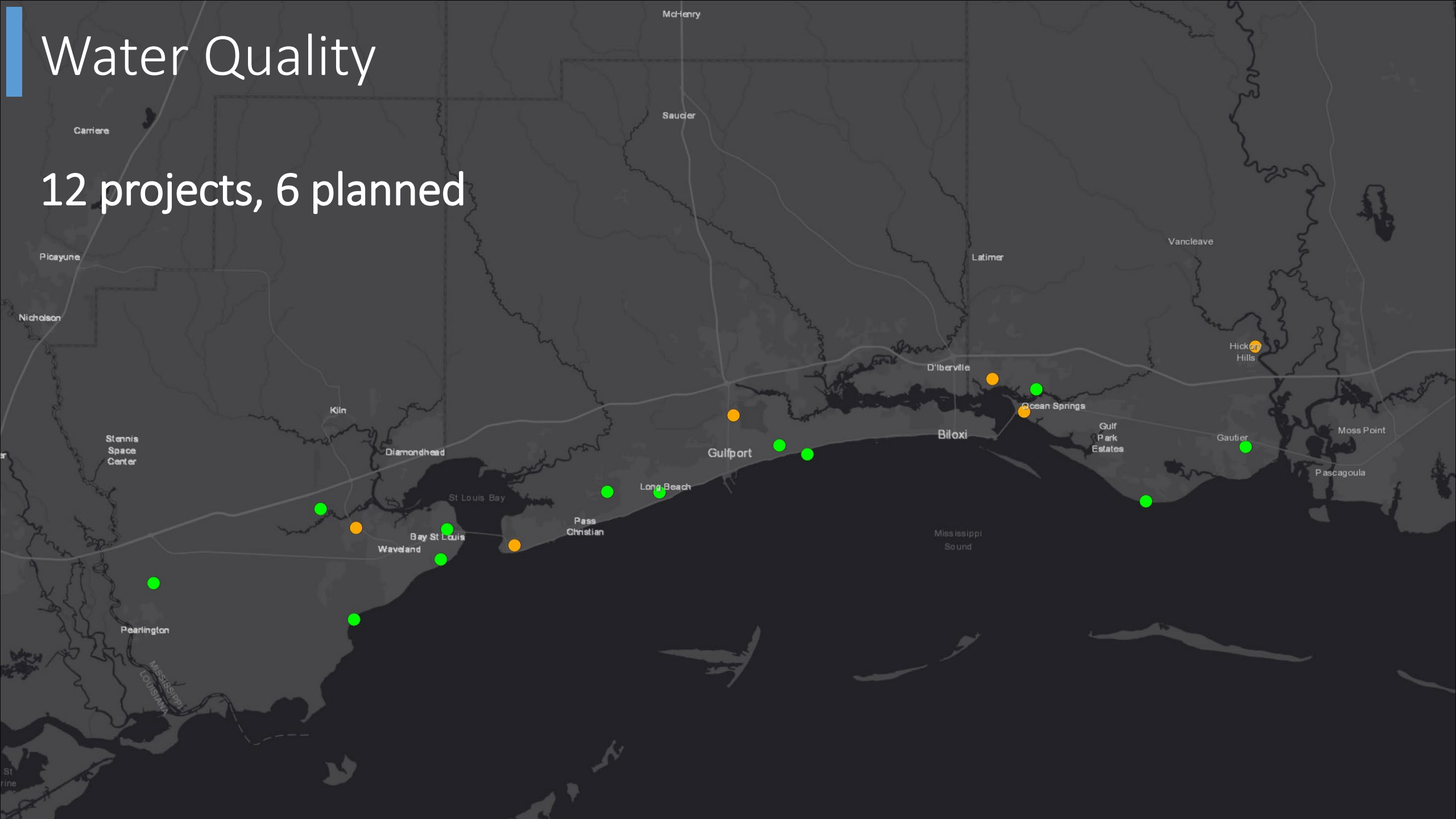
Coastal Habitat Creation

Greenwood Island BU Site
217 acres for marsh
creation



Water Quality

12 projects, 6 planned



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How can MDEQ better inform you about restoration progress, restoration actions, and accomplishments in the future?

ⓘ Start presenting to display the poll results on this slide.

THANK YOU

Chris Wells

Executive Director - MDEQ



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