



Oil Spill Restoration Planning

Kyle Graham
Deputy Executive Director
CPRA

August 22, 2013

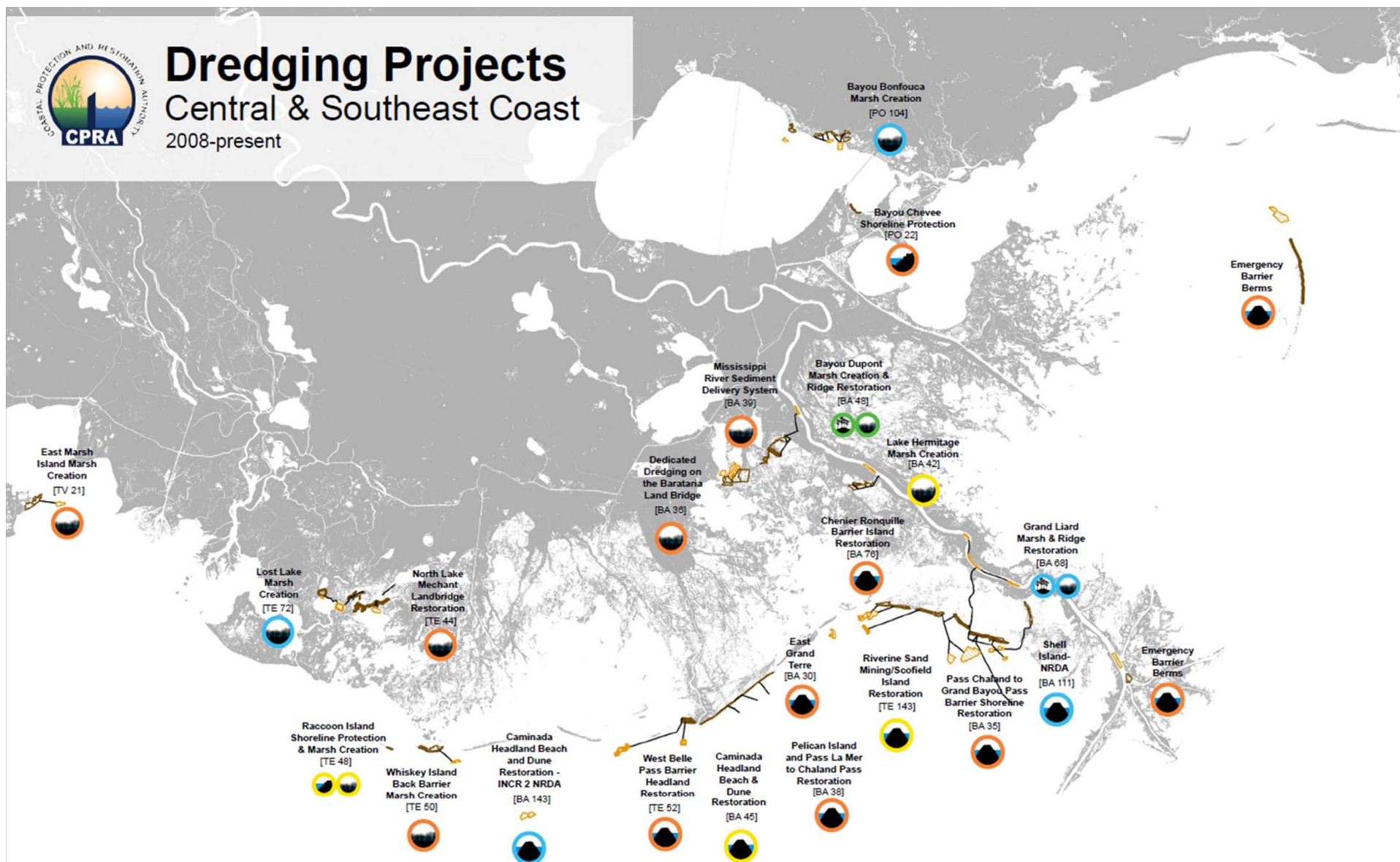


committed to **our coast**

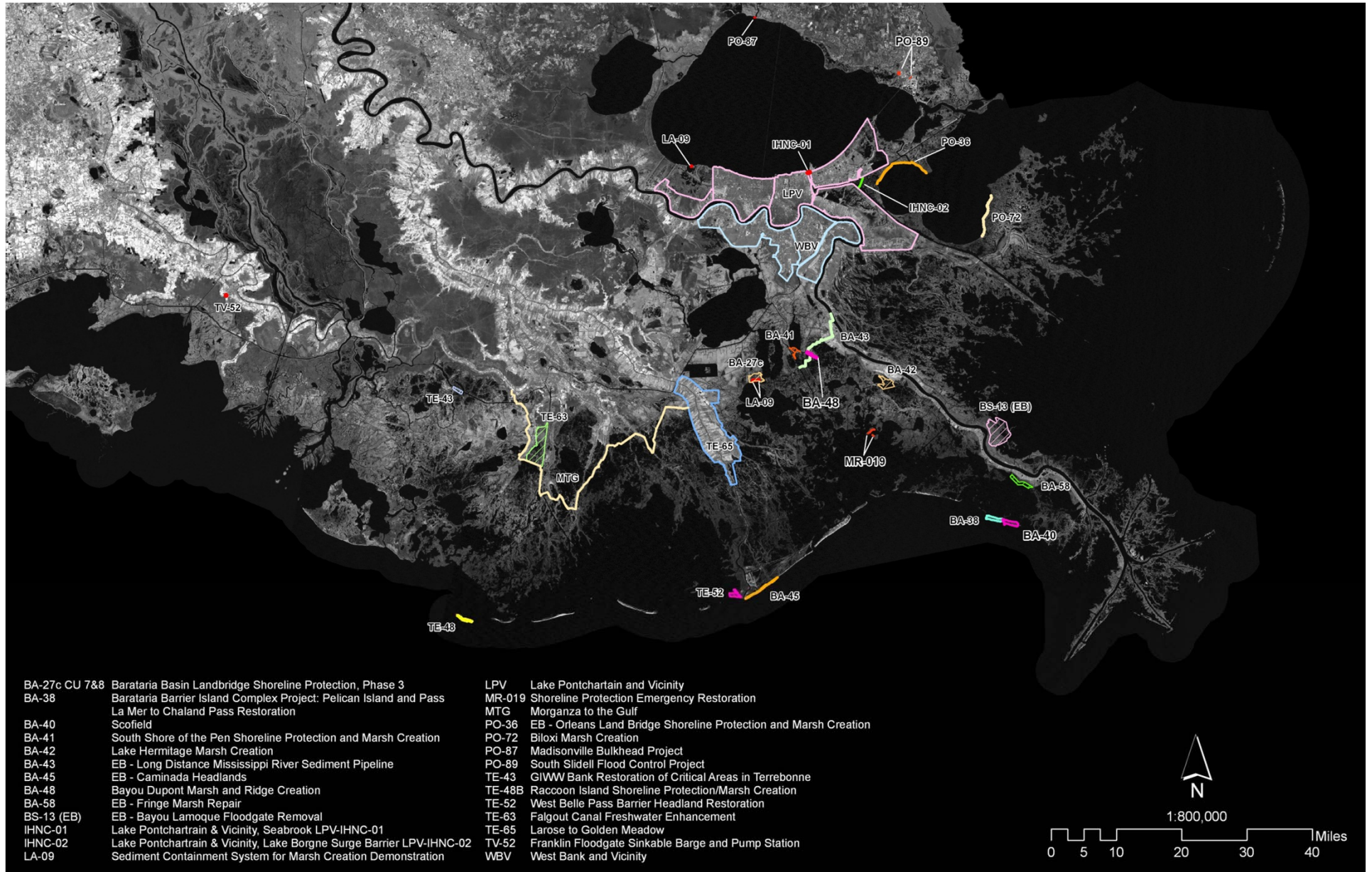


Dredging Projects Central & Southeast Coast

2008-present



Under Construction



Comprehensive Oil Spill Planning- Weaving it all Together

Criminal Settlement —

- **BP:** \$1.2B to the National Fish and Wildlife Foundation (NFWF) for barrier islands and diversions in Louisiana.
 - NFWF currently defining process.
- **Transocean:** \$75M directed to NFWF for barrier island restoration and/or river diversions off the coast of Louisiana.

Civil Penalties- RESTORE Act: 35% Equal Share Allocations, 30% Comprehensive Plan, 30% Impact Based State Allocations; Supplemental Environmental Projects (SEPS)

- Requires: 35% -State Plan, Parish Plans; 30% Council Plan; 30% State Plan
- **Transocean:** \$1B subject to RESTORE Act

Natural Resources Damage Assessment (NRDA)-

- Programmatic Environmental Impact Statement
- Programmatic Restoration Plan
- Draft and Final Restoration Plans

*** Purpose of this presentation is to provide some examples of what we expect might be funded based on what we know.**

Oil Spill Restoration

Oil Spill Restoration

Restoration Project Types:

- Bank Stabilization
- Oyster Barrier Reef
- Ridge Restoration
- Shoreline Protection
- Infrastructure
- Terraces
- Barrier Island Restoration
- Marsh Creation
- Sediment Diversion
- Hydrologic Restoration

Barrier Islands

Project Name		Basin	Natural Resource		Criminal - NFWF	State - Equally Distributed (35%)	RESTORE ACT Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
			Early Restoration	Final Restoration Plan				
Chandealeurs	Breton Island	BS	*					
Barataria Pass to Sandy Point Barrier Island Restoration	West Grand Terre	BA		*	*	*	*	*
	Shell Island West	BA	*					
	Chenier Ronquille	BA	*					
	Grand Isle (break waters)	BA		*	*	*	*	*
	Caminada (Beach Dune and Back Barrier Marsh)	BA		*	*	*	*	*
Timbalier Islands Barrier Island Restoration	Main Timbalier West	TE		*	*	*	*	*
	Main Timbalier East	TE		*	*	*	*	*
	Bush Island	TE		*	*	*	*	*
	East Timbalier Island	TE		*	*	*	*	*
	West Belle Pass	TE		*	*	*	*	*
Isles Dernieres Barrier Island Restoration - TBBS	Racoon Point	TE		*	*	*	*	*
	Whiskey Island	TE	*					
	Trinity Island West	TE		*	*	*	*	*
	Trinity Island East	TE		*	*	*	*	*

Project Name		Basin	Natural Resource		Criminal - NFWF	State - Equally Distributed (35%)	RESTORE ACT Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
Diversions	Mid Barataria Diversion	BA		*	*	*	*	*
	Lower Barataria Diversion	BA		*	*	*	*	*
	Upper Breton Diversion (Increment)	BS		*	*	*	*	*
	Lower Breton Medium Diversion	BS		*	*	*	*	*
	Mid Breton Diversion	BS		*	*	*	*	*
	Increase Atchafalaya Flow to Terrebonne	TE		*	*	*	*	*
	Central Wetlands Diversion	PO		*	*	*	*	*
	Bonne Carre Small Diversion	PO		*	*	*	*	*
	Maurepas Diversion	PO		*	*	*	*	*
	Convent/Blind	PO		*	*	*	*	*
Hydrologic Modifications	Calcasieu Ship Channel Salinity Control Measures	CS		*		*	*	*
	Houma Navigation Canal Lock Hydrologic Restoration	TE				*	*	*
	Bayou Chene	TE				*	*	*

Project Name		Basin	Natural Resource Damage Assessment		Criminal - NFWF	RESTORE ACT		
			Early Restoration	Final Restoration Plan		State - Equally Distributed (35%)	Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
Marsh Creation	Mississippi River Sediment Delivery System East	PO		*		*	*	*
	Mississippi River Sediment Delivery System West	BA		*		*	*	*
	Lake Hermitage -NRDA increment	BA	*					
Bank Stabilization	Calcasieu-Sabine Bank Stabilization	CS		*		*	*	*
	Gulf Shoreline Protection (Freshwater Bayou to Southwest Pass)	CS		*		*	*	*
Ridge Restoration	Bayou Sale Ridge Restoration	TV		*		*	*	*
	Bayou Dularge Ridge Restoration	TE		*		*	*	*
	Bayou Terrebonne Ridge Restoration	TE		*		*	*	*
	Bayou Pointe Au Chene Ridge Restoration	TE		*		*	*	*
Oyster Reef	Biloxi Marsh Oyster Reef	PO		*		*	*	*

Possible Probable NRDA Restoration Projects

- Breton Island
- Shell Island West
- Chenier Ronquille
- Whiskey Island
- Mid Barataria Diversion
- Lower Barataria Diversion
- Lower Breton Diversion
- Increase Atchafalaya Flow to Terrebonne
- Calcasieu Ship Channel Salinity Control Structure
- Mississippi River Sediment Delivery System East
- Mississippi River Sediment Delivery System West
- Lake Hermitage increment
- Biloxi Marsh Oyster Reef

Possible Probable NFWF Projects

- Caminada
- East Timbalier
- Mid Barataria Diversion
- Mid Breton Diversion
- Increase Atchafalaya Flow to Terrebonne
- Maurepas Diversion

Possible Probable RESTORE Restoration Projects

- Calcasieu Ship Channel Salinity Control Structure
- HNC Lock Hydrologic Restoration
- Bayou Chene Hydrologic Structure
- Mississippi River Sediment Delivery System East
- Mississippi River Sediment Delivery System West

NFWF Proposal Conditions

1. Create or restore barrier islands off the coast of Louisiana and/or to implement river diversion projects on the Mississippi and/or Atchafalaya Rivers for the purpose of creating, preserving and restoring coastal habitat, in order to remedy harm to resources where there has been injury to, or destruction of, loss of, or loss of use of those resources resulting from the Macondo oil spill.
2. Consult with State resource managers, as well as federal resource managers that have the statutory authority for coordination or cooperation with private entities regarding management or protection for coastal habitat, to identify the highest priority projects and to maximize the environmental benefits of such projects.
3. In identifying projects, NFWF shall consider the State's Coastal Master Plan, as well as the Louisiana Coastal Area Mississippi River Hydrodynamic and Delta Management Study as appropriate.

NFWF Proposal No. 1 Summary:

Request for \$67.9M for the advancement of Barrier Island and Diversion projects.

BARRIER ISLANDS

1. Caminada Increment II – \$3.0 M for Engineering and Design
2. East Timbalier - \$6.0M for Engineering and Design

RIVER DIVERSIONS

Atchafalaya River Diversions

1. Increase Atchafalaya Flow to Terrebonne - \$4.9M for Planning

Mississippi River Diversions

1. Mid-Barataria Sediment Diversion - \$40.4M for Engineering and Design
2. Mid Breton Sediment Diversion - \$4.3M for Planning
3. Lower Barataria Sediment Diversion - \$4.8M for Planning
4. Lower Breton Sediment Diversion - \$4.5M for Planning