



Draft Restoration Plan I and Environmental Assessment Public Meeting Tallahassee, Florida



Deepwater Horizon Oil Spill Natural Resource Damage Assessment

October 2, 2018



Tonight's Agenda

- Natural Resource Damage Assessment (NRDA) and Florida Trustee Implementation Group (FL TIG)
- Restoration Plan Background
- Proposed Restoration Plan
- Public Comment



What is NRDA?

- A legal process
 - Based in the Oil Pollution Act (OPA)
 - Natural Resource Trustee agencies assess the degree to which natural resources and the services they provide may have been injured by an oil spill and spill response activities
 - Then determine how to compensate the public through on-the-ground restoration activities



Recreational
Activities



NRDA Process

DETERMINE INJURY:

What was injured, extent, magnitude?

RESTORATION PLANNING:

What needs to be done to restore the natural resources?

RESTORATION COST:

How much will this cost?

ASSESS MONETARY DAMAGES:

Seek monetary damages from the polluter to pay for restoration.



Deepwater Horizon Settlement

15+ years, up to \$8.8 billion

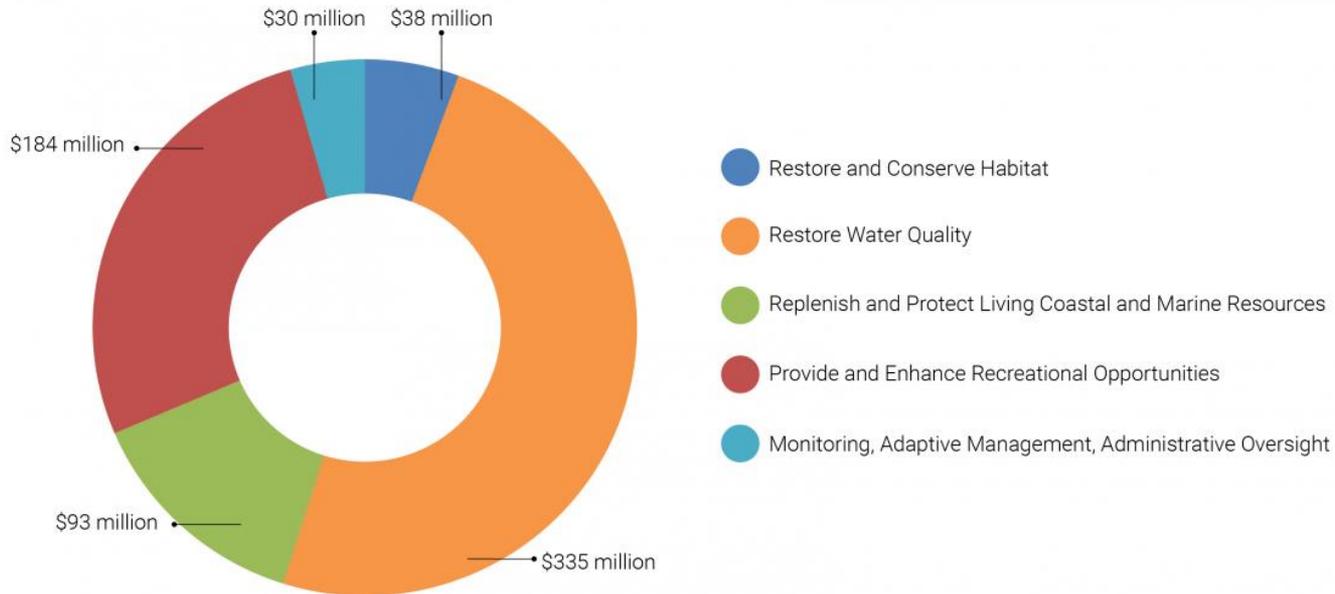
- **\$1 billion** already committed for early restoration
- **\$7.1 billion** to complete restoration over 15+ years
- Up to an additional **\$700 million** for adaptive management and unknown conditions





Deepwater Horizon Settlement

Florida Allocation of Restoration Funds by Restoration Goal



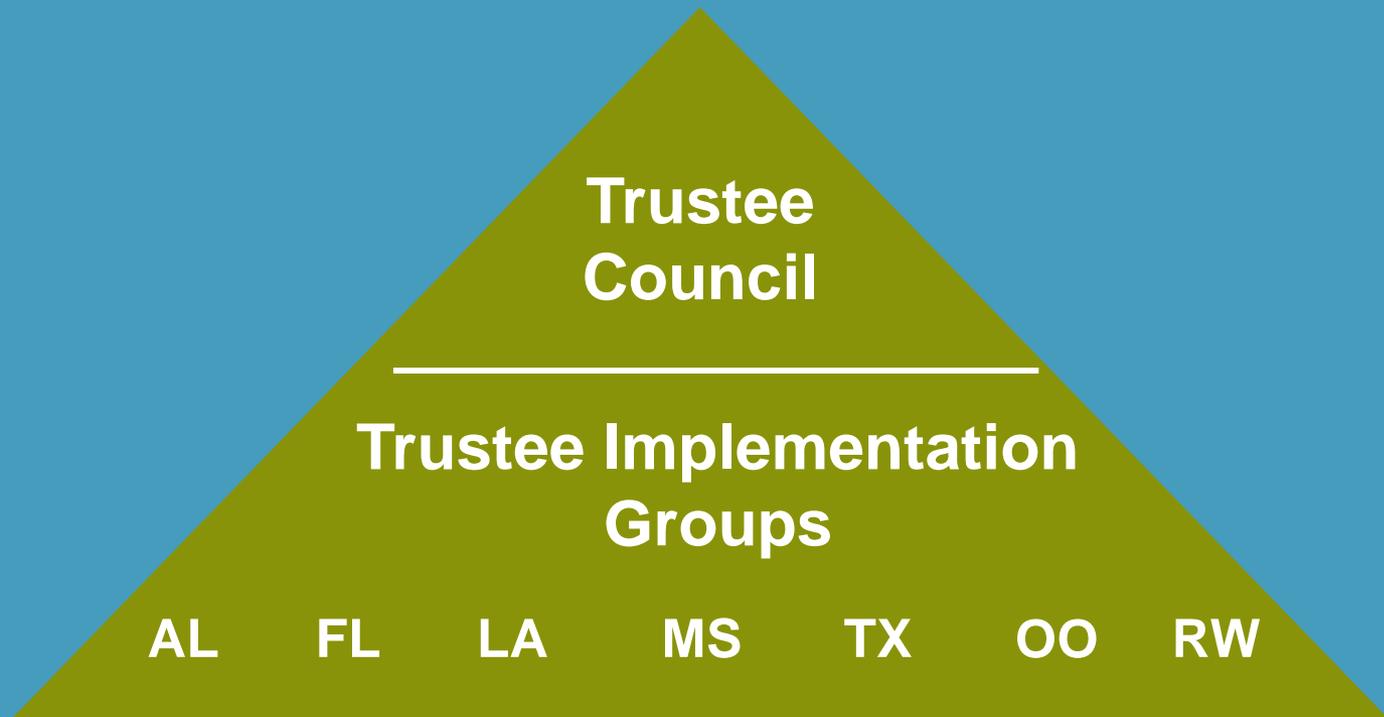


Restoration Type Allocation

Restoration Goal	Restoration Type	Total FL TIG Settlement Funds	Funds Allocated To Early Restoration Projects
Restore and Conserve Habitat	Wetlands, Coastal and Nearshore Habitats	\$5,000,000	\$15,629,367
	Habitat Projects on Federally Managed Lands	\$17,500,000	
Restore Water Quality	Nutrient Reduction	\$35,000,000	--
	Water Quality	\$300,000,000	--
Replenish and Protect Living Coastal and Marine Resources	Sea Turtles	\$20,000,000	--
	Marine Mammals	\$5,000,000	--
	Birds	\$40,000,000	\$2,835,000
	Oysters	\$20,000,000	\$5,370,596
Provide and Enhance Recreational Opportunities	Provide and Enhance Recreational Opportunities	\$63,274,513	\$120,543,167



Trustee Council Structure





FL TIG

State and Federal Members

- U.S. Department of the Interior (DOI)
- U.S. Environmental Protection Agency (EPA)
- National Oceanographic and Atmospheric Administration (NOAA)
- U.S. Department of Agriculture (USDA)
- Florida Department of Environmental Protection (DEP)
- Florida Fish and Wildlife Conservation Commission (FWC)



Planning Process

- August 23, 2016: FL TIG Webinar
- November 4, 2016: Call for Projects
- September 29, 2017: Notice of Restoration Planning
- Screened 1393 project ideas submitted to NOAA and DEP portals



Project Eligibility Criteria

- Nexus to injury from the DWH oil spill
- Meet OPA criteria
- Not previously completed or fully funded
- Sufficient information for evaluation (e.g., general location, activities, etc.)
- Habitat Projects on Federally Managed Lands
Restoration Type should occur on GUIS or St. Vincent
NWR



OPA Criteria

- Cost Effectiveness
- Goals and Objectives of PDARP
- Likelihood of Success
- Avoid Collateral Injury
- Benefits
- Health and Safety



Additional Screening Criteria

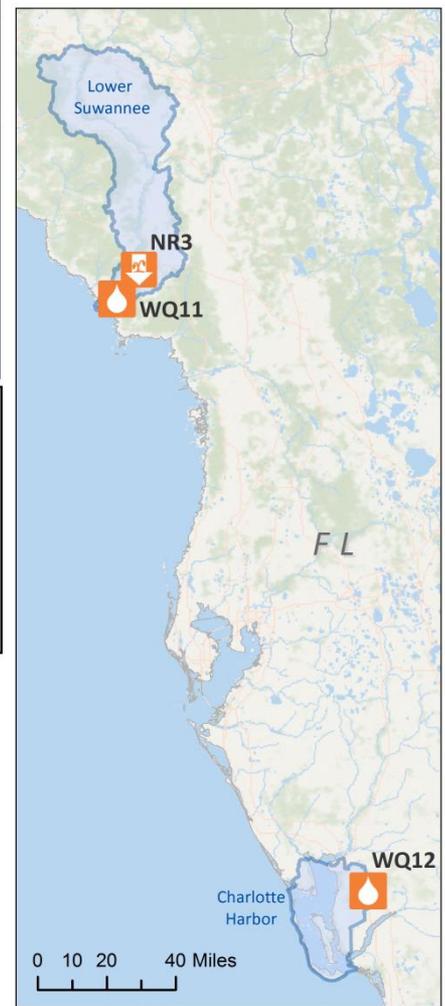
- Consistent with PDARP techniques
- Identify any concerns that might affect ability to implement a project
- Leverage other restoration projects and activities (e.g. RESTORE Act and NFWF's GEBF)
- Availability of funds





Draft Restoration Plan I

- Evaluates 32 project alternatives
- Proposes 24 projects for funding
 - Includes 6 Planning & Design projects
- Projects in following restoration types
 - Habitat Projects on Federally Managed Lands
 - Nutrient Reduction
 - Water Quality
 - Provide and Enhance Recreational Opportunities
- Projects proposed for funding have a total estimated cost of \$62 million



Project Index

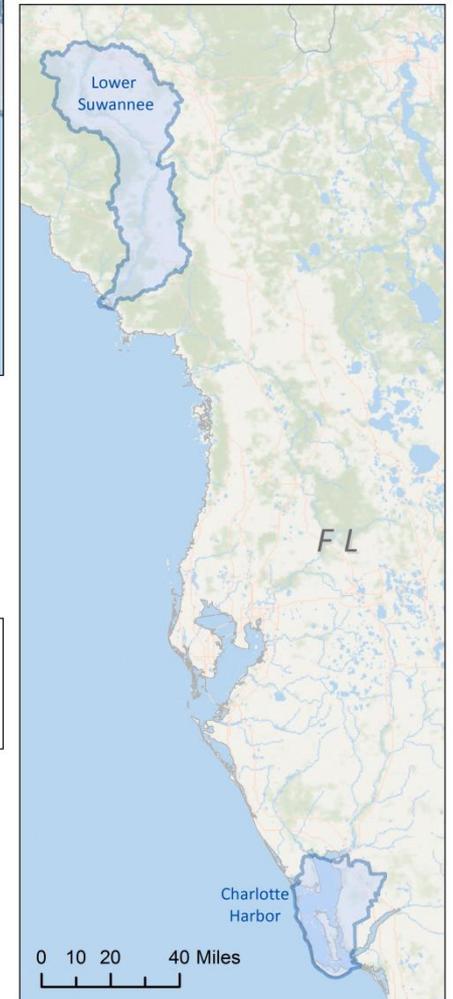
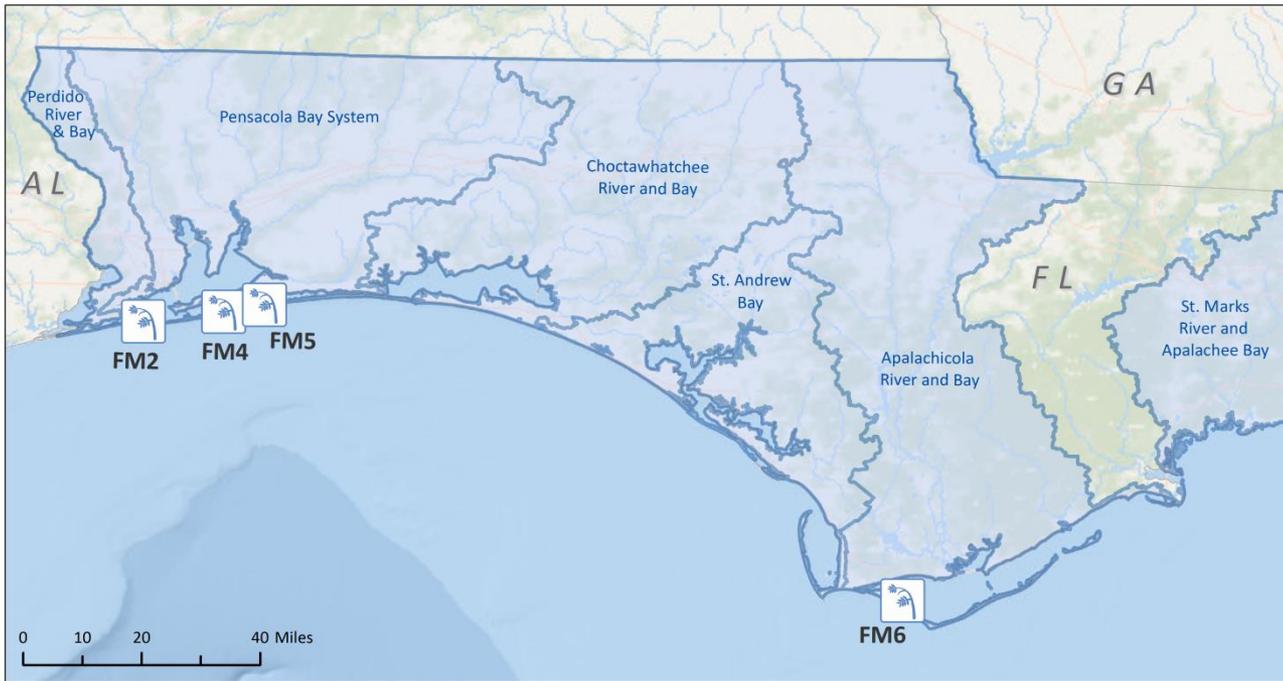
FM2 - Gulf Islands National Seashore (Florida) Night Sky Restoration (P&D)
 FM4 - Gulf Islands National Seashore (Florida) Beach and Dune Habitat Protection
 FM5 - Gulf Islands National Seashore (Florida) Invasive Plant Removal
 FM6 - St. Vincent National Wildlife Refuge Predator Control

NR1 - Pensacola Bay and Perdido River Watersheds - Nutrient Reduction
 NR3 - Lower Suwannee River Watershed - Nutrient Reduction

WQ1 - Carpenter Creek Headwaters Water Quality Improvements
 WQ2 - Pensacola Beach Reclaimed Water System Expansion
 WQ3 - Rattlesnake Bluff Road and Riverbank Restoration
 WQ4 - Pensacola Bay Unpaved Roads Initiative (P&D)
 WQ5 - Alligator Lake Coastal Dune Lake Hydrologic Restoration
 WQ8 - City of Port St. Joe Stormwater Improvements
 WQ10 - City of Carrabelle's Lighthouse Estates: Septic Tank Abatement - Phase II
 WQ11 - Lower Suwannee National Wildlife Refuge Hydrological Restoration (P&D)
 WQ12 - Lower Charlotte Harbor Flatwoods Hydrologic Restoration Initiative, Yucca Pens Unit (P&D)

	Habitat Projects on Federally Managed Lands
	Nutrient Reduction
	Water Quality
	Provide and Enhance Recreational Opportunities
	Watersheds

REC3 - Perdido River and Bay Paddle Trail
 REC4 - Carpenter Creek Headwaters Park Amenities
 REC5 - Gulf Islands National Seashore (Florida) Rehabilitation of Okaloosa Unit Recreational Facilities
 REC6 - Joe's Bayou Recreation Area Improvements
 REC7 - Topsail Hill Preserve State Park Improvements
 REC8 - Camp Helen State Park Improvements
 REC9 - St. Andrews State Park Improvements
 REC10 - T.H. Stone Memorial St. Joseph Peninsula State Park Improvements
 REC11 - St. Marks National Wildlife Refuge Coastal Trail Connection, Spring Creek to Port Leon



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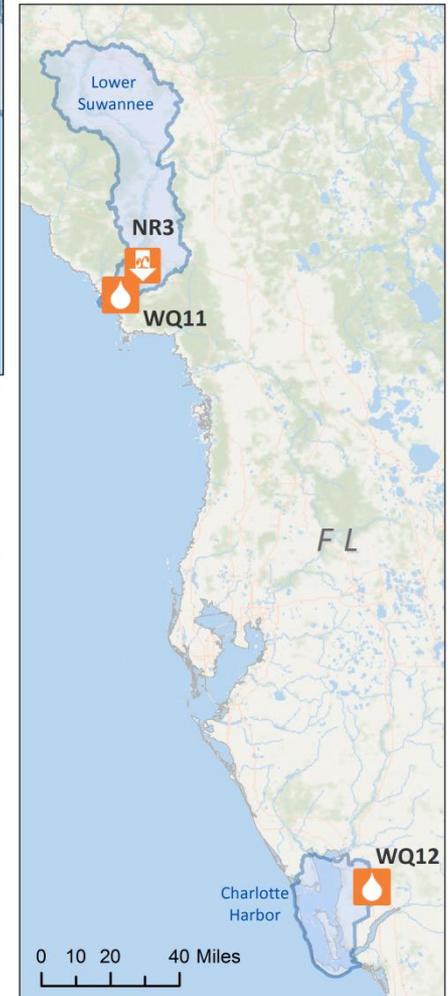
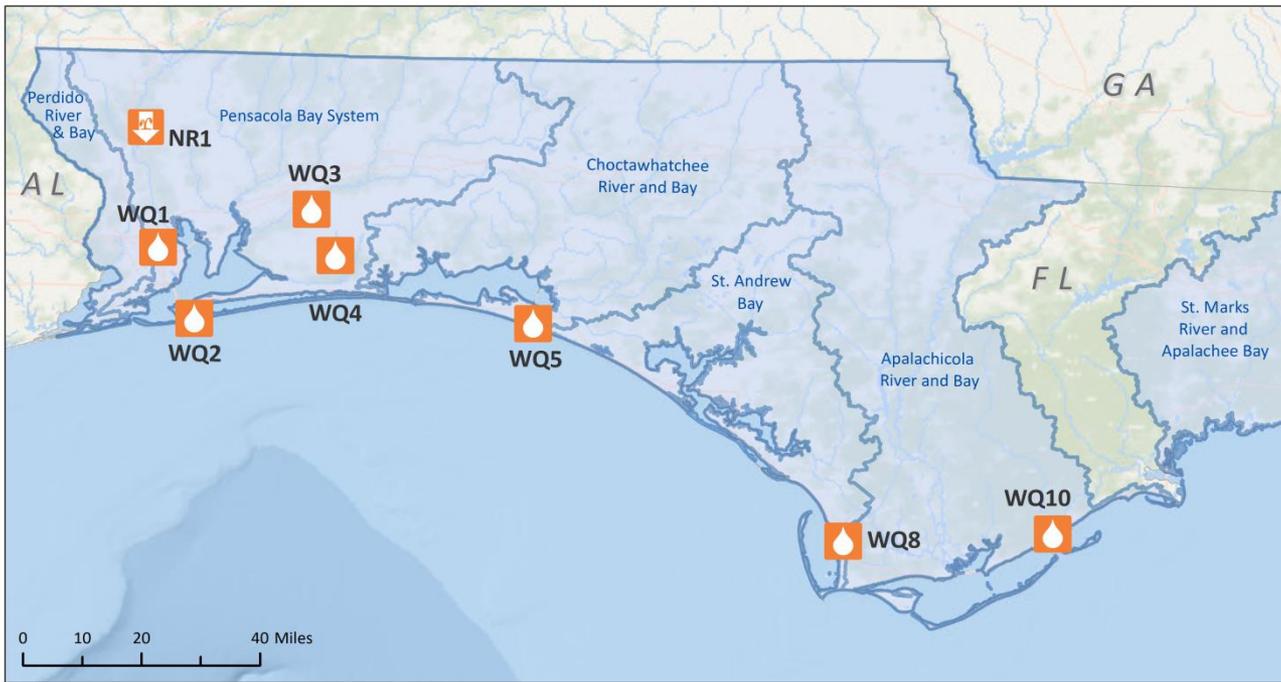
	Habitat Projects on Federally Managed Lands
	Watersheds



Restoration Type: Habitat Projects on Federally Managed Lands (FM)

FM2. Gulf Islands National Seashore (Florida) Night Sky Restoration (P&D)	Preferred	\$432,093
FM4. Gulf Islands National Seashore (Florida) Beach and Dune Habitat Protection	Preferred	\$853,821
FM5. Gulf Islands National Seashore (Florida) Invasive Plant Removal	Preferred	\$875,765
FM6. St. Vincent National Wildlife Refuge Predator Control	Preferred	\$ 580,772





Project Index

NR1 - Pensacola Bay and Perdido River Watersheds - Nutrient Reduction

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WQ1 - Carpenter Creek Headwaters Water Quality Improvements

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WQ3 - Rattlesnake Bluff Road and Riverbank Restoration

WQ4 - Pensacola Bay Unpaved Roads Initiative (P&D)

WQ5 - Alligator Lake Coastal Dune Lake Hydrologic Restoration

WQ8 - City of Port St. Joe Stormwater Improvements

WQ10 - City of Carrabelle's Lighthouse Estates: Septic Tank Abatement - Phase II

WQ11 - Lower Suwannee National Wildlife Refuge Hydrologic Restoration (P&D)

WQ12 - Lower Charlotte Harbor Flatwoods Hydrologic Restoration Initiative, Yucca Pens Unit (P&D)





Restoration Type: Nutrient Reduction (NR)

NR1. Pensacola Bay and Perdido River Watersheds - Nutrient Reduction	Preferred	\$2,100,000
NR3. Lower Suwannee River Watershed – Nutrient Reduction	Preferred	\$3,150,000



Restoration Type: Water Quality (WQ)

WQ1. Carpenter Creek Headwaters Water Quality Improvements	Preferred	\$1,689,900
WQ2. Pensacola Beach Reclaimed Water System Expansion	Preferred	\$4,683,404
WQ3. Rattlesnake Bluff Road and Riverbank Restoration	Preferred	\$3,149,091
WQ4. Pensacola Bay Unpaved Roads Initiative (P&D)	Preferred	\$705,473
WQ5. Alligator Lake Coastal Dune Lake Hydrologic Restoration	Preferred	\$1,382,400



Restoration Type: Water Quality (WQ)

WQ8. City of Port St. Joe Stormwater Improvements

Preferred

\$961,000

WQ10. City of Carrabelle's Lighthouse Estates: Septic Tank Abatement - Phase II

Preferred

\$3,237,986

WQ11. Lower Suwannee National Wildlife Refuge Hydrological Restoration (P&D)

Preferred

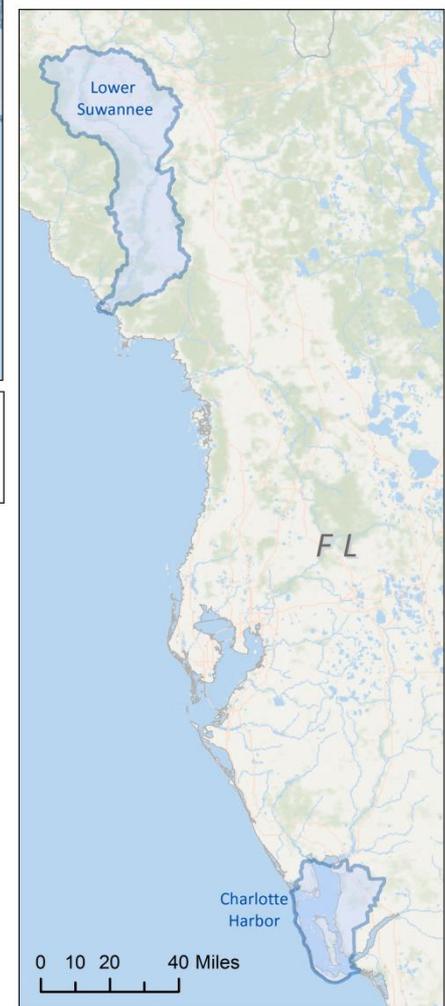
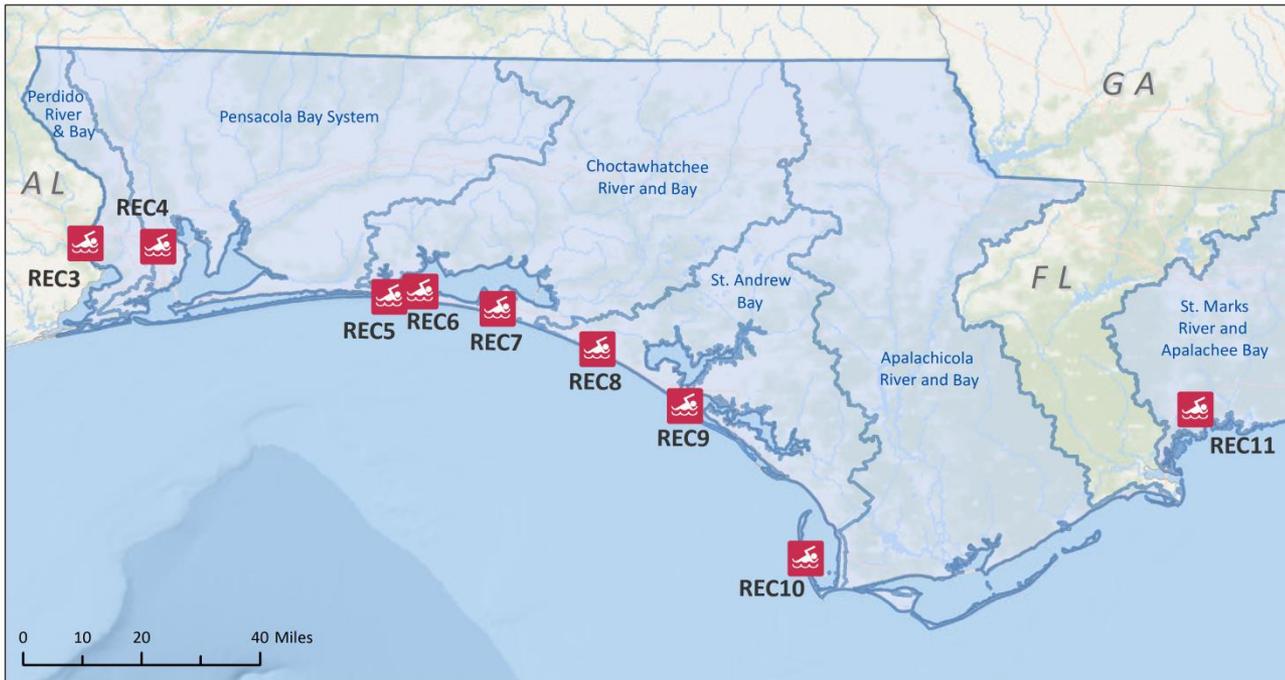
\$500,000

WQ12. Lower Charlotte Harbor Flatwoods Hydrologic Restoration Initiative, Yucca Pens Unit (P&D)

Preferred

\$636,500





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	Provide and Enhance Recreational Opportunities
	Watersheds



Restoration Type: Provide and Enhance Recreational Opportunities (REC)

REC3. Perdido River and Bay Paddle Trail	Preferred	\$1,165,488
REC4. Carpenter Creek Headwaters Park Amenities	Preferred	\$446,080
REC5. Gulf Islands National Seashore (Florida) Rehabilitation of Okaloosa Unit Recreational Facilities	Preferred	\$3,201,383
REC6. Joe's Bayou Recreation Area Improvements	Preferred	\$12,202,891



Restoration Type: Provide and Enhance Recreational Opportunities (REC)

REC7. Topsail Hill Preserve State Park Improvements	Preferred	\$3,926,811
REC8. Camp Helen State Park Improvements	Preferred	\$3,326,027
REC9. St. Andrews State Park Improvements	Preferred	\$10,875,855
REC10. T.H. Stone Memorial St. Joseph Peninsula State Park Improvements	Preferred	\$977,945
REC11. St. Marks National Wildlife Refuge Coastal Trail Connection, Spring Creek to Port Leon	Preferred	\$1,200,000



Next Steps

- Public Webinar on October 10
- Public comment period ends October 26
- Trustees consider all public comments
- Address public comments & finalize plan
- Implement project(s)



Submit Your Comments

- Verbally at public meeting or chat box feature during public webinar
- Online:
www.gulfspillrestoration.noaa.gov
- Mail to:
U.S. Fish and Wildlife Service
P.O. Box 49567
Atlanta, GA 30345
- **Comment deadline is October 26, 2018**

FL TIG Trustees & Representatives



Florida Department of Environmental Protection

- Leslie Ames

Florida Fish and Wildlife Conservation Commission

- Gareth Leonard

Department of the Interior

- Dianne Ingram

US Environmental Protection Agency

- Amy Newbold

US Department of Agriculture, NRCS

- Ron Howard

NOAA

- Laurie Rounds



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