

FISCAL YEAR 2022 ANNUAL PLAN

INTEGRATED ECOSYSTEM RESTORATION AND HURRICANE
PROTECTION IN COASTAL LOUISIANA



With the passage of Act 8 of the First Extraordinary Session of 2005 (Act 8), the Louisiana legislature mandated the integration of hurricane protection activities (e.g., levee construction) and coastal restoration activities (e.g., river diversions or marsh creation). Act 8 also created the Coastal Protection and Restoration Authority Board (CPRA Board) and tasked it with oversight of these activities. The Office of Coastal Protection and Restoration (OCPR) was designated as the implementation arm of the CPRA Board. To avoid confusion, the 2012 Louisiana legislature changed the name of the state agency from OCPR to the Coastal Protection and Restoration Authority (CPRA).

The CPRA Board, with the assistance of CPRA, is required by Act 523 of the 2009 Regular Legislative Session, amended by Act 604, to produce an Annual Plan that inventories projects, presents implementation schedules for these projects, and identifies funding schedules and budgets. This Fiscal Year 2022 Annual Plan provides an update on the state's efforts to protect and restore its coast and describes the short-term and long-term results that citizens can expect to see as the state progresses toward a sustainable coast.

Act 570 of the 2018 Regular Session, enacting La. R.S. 49:214.8.1, et seq., transferred the responsibilities of the Atchafalaya Basin Research and Promotion Board and the Atchafalaya Basin Program from the Department of Natural Resources to the Coastal Protection and Restoration Authority, which will perform and exercise the powers, duties, functions, and responsibilities of the Program as provided by law. The annual basin plan is included in the Annual Plan: Integrated Ecosystem Restoration and Hurricane Protection in Coastal Louisiana produced each year by the Coastal Protection and Restoration Authority.

Fiscal Year 2022 Annual Plan: Integrated Ecosystem Restoration and Hurricane Protection in Coastal Louisiana. Submitted to the Senate Natural Resources Committee; House Natural Resources and Environment Committee; Senate Transportation, Highways and Public Works Committee; House Transportation, Highways and Public Works Committee by The Coastal Protection and Restoration Authority of Louisiana. In accordance with R.S. 49:214.5.3 and R.S. 49:214.6.1

FISCAL YEAR 2022 ANNUAL PLAN



LETTER FROM THE CHAIRMAN

The Water Campus
150 Terrace Avenue
Baton Rouge, LA 70802
(225) 342-7308
www.coastal.la.gov

Dear Louisiana,

This past year has presented exceptionally unique challenges for our agency and our state. Regardless of region, industry, or trade, the impacts of COVID-19 and an unprecedented storm season have been felt in the hearts of every Louisianan. Disasters and emergencies renew our sense of purpose and dedication to making investments today that will help make our coast safer and more sustainable tomorrow and well into the future. And so, in the face of the many challenges, it is with a distinctive sense of pride that I present the Coastal Protection and Restoration Authority's Fiscal Year 2022 Annual Plan.

If you look back on the history of our great state, you'll see that some of our greatest successes have been born through unthinkable disasters. Hurricane Betsy catalyzed construction of a modern levee system to protect our communities; Hurricane Katrina led to the creation of this very agency as the single state authority to implement coastal protection and restoration priorities; and the *Deepwater Horizon* oil spill brought billions of dollars of investment to our coast. The impacts of these disasters should not be diluted – lives were lost, homes destroyed, and industries changed forever. In similar fashion, we all continue facing the challenges and impacts brought by multiple record-breaking storms amidst a global pandemic in the last year.

But we as a state have not stopped. We've pivoted to address new challenges. We've responded to disaster and crisis with urgency and efficiency. We've pressed ahead on the Governor's second term coastal priorities, taking on long-standing issues like climate change, re-establishing natural land-building processes, and a greater focus on the Atchafalaya Basin.

The Fiscal Year 2022 Annual Plan represents another year of aggressive investment in our coastal program. This plan features 125 active projects with \$602 million for construction. These investments will provide an added sense of security to the communities behind 109 miles of improved levee protection and re-establish over 57,000 acres of ecosystem and habitats that hold so much of our culture and recreational opportunities across south Louisiana.

Louisianans are resilient. In the face of adversity, we have always come out stronger. And as we continue to face the global pandemic, our land loss crisis, threats of future storms, and the implications of climate change, I have faith in the resiliency of the men and women who call our state home. I choose to view the rebound from tragedy as an opportunity for innovation and change; a time to push systems and create a brighter future for Louisiana.

As always, we view Louisiana's coast not as a daunting challenge, but as an inspirational symbol of restoration, rebirth, and transformation.

Sincerely,

Kyle R. "Chip" Kline, Jr.
Chairman of the Board, Coastal Protection and Restoration Authority

OUR BOARD

Kyle R. "Chip" Kline, Jr.

Chairman, CPRA

Dwayne Bourgeois

Regional Representative, Terrebonne Basin

Dr. Chuck Brown

Secretary, Department of Environmental Quality

Bill Bubrig

Regional Representative, Mississippi Delta Basin

Scott Burke

Regional Representative, Barataria Basin

Laurie Cormier

Regional Representative, Calcasieu and Sabine Basin

Jay Dardenne

Commissioner, Division of Administration
Barbara Goodson, Designee

Jim Donelon

Commissioner, Department of Insurance
Billy Broussard, Designee

Monica Gorman

Regional Representative, Pontchartrain Basin

Thomas Harris

Secretary, Department of Natural Resources
Keith Lovell, Designee

Senator Bob Hensgens

Designee of Senate President John Alario

Bill Hidalgo

Regional Representative, Atchafalaya Basin

Guy McInnis

Regional Representative, Breton Sound Basin

King Milling

Chairman, Governor's Advisory Commission on
Coastal Protection, Restoration and Conservation

Jack Montoucet

Secretary, Department of Wildlife and Fisheries

Billy Nungesser

Lieutenant Governor
Michael Ince, Designee

Don Pierson

Secretary, Louisiana Economic Development
Patrick Witty, Designee

Kelly Richard

Regional Representative, Teche and Vermilion Basin

Dr. Mike Strain

Commissioner, Department of
Agriculture and Forestry
Joey Breaux, Designee

James Waskom

Director, Governor's Office of Homeland
Security and Emergency Preparedness

Dr. Shawn Wilson

Secretary, Department of Transportation
and Development
Chris Knotts, Designee

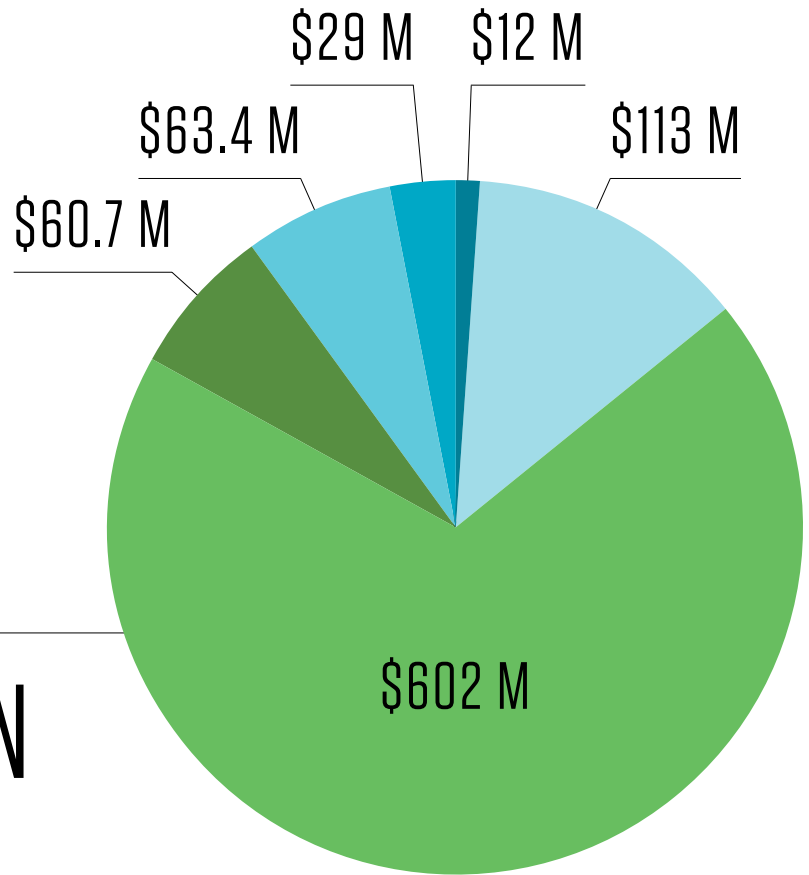
Representative Jerome Zeringue

Designee of House Speaker Taylor Barras



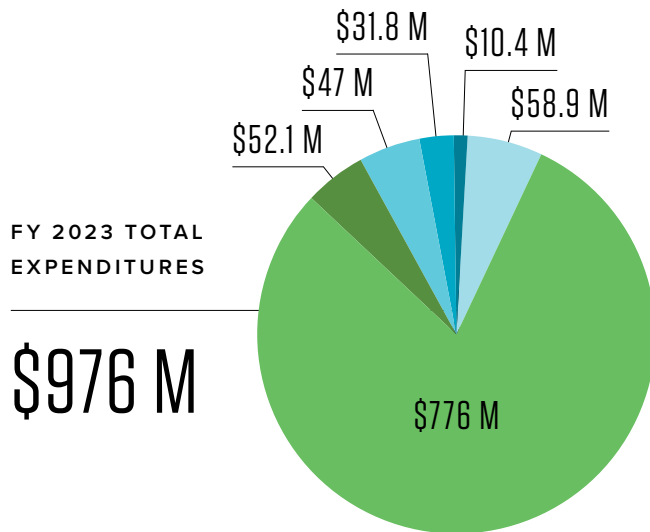
FISCAL YEAR 2022 SUMMARY

CPRA is required by Act 523 of the 2009 Regular Legislative Session, amended by Act 604, to produce an Annual Plan that inventories projects, presents implementation schedules for those projects, and identifies funding schedules and projected expenditures. CPRA revenues are based on projections; expenditures occur only IF and WHEN projected revenues are received.



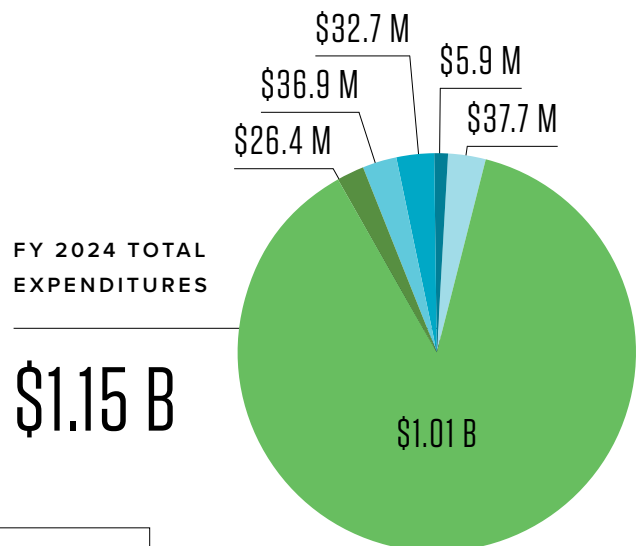
FY 2022 TOTAL EXPENDITURES

\$880 MILLION



FY 2023 TOTAL EXPENDITURES

\$976 M



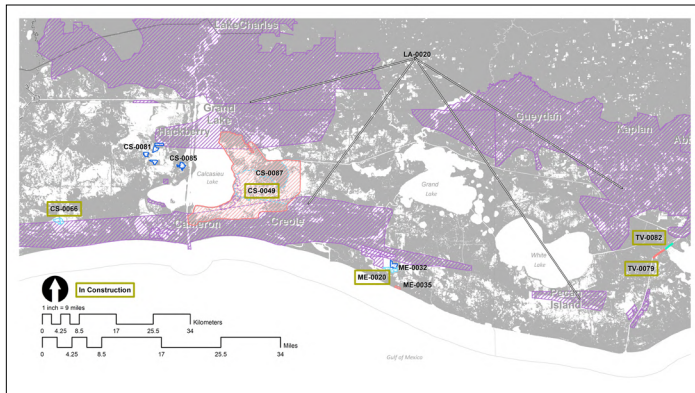
FY 2024 TOTAL EXPENDITURES

\$1.15 B



SOUTHWEST REGION

11 ACTIVE PROJECTS: 5 IN CONSTRUCTION (C), 6 IN E&D



CWPPRA PHASE I PROJECTS

- CS-0081** Sabine Refuge Marsh Creation Cycles 6 & 7
- CS-0085** Long Point Bayou Marsh Creation
- ME-0032** South Grand Chenier Marsh Creation - Baker Tract

CWPPRA PHASE II PROJECTS

- CS-0049** Cameron-Creole Freshwater Introduction (C)
- CS-0066** Cameron Meadows Marsh Creation and Terracing (C)
- ME-0020** South Grand Chenier Marsh Creation Project (C)

STATE-ONLY PROJECTS

- TV-0082** Freshwater Bayou Shoreline Protection (C)

WRDA PROJECTS

- LA-0020** Southwest Coastal Louisiana

RESTORE PROJECTS

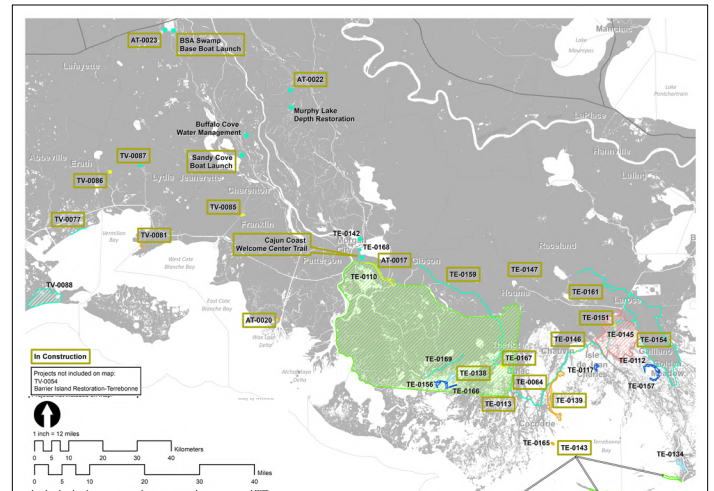
- CS-0087** Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration
- ME-0035** Rockefeller Shoreline Protection - RESTORE Parish Matching
- TV-0079** Freshwater Bayou Canal Shoreline Protection (C)

ACTIVE PROJECTS IN FY 2022

125 TOTAL ACTIVE PROJECTS:
72 IN CONSTRUCTION, 45 IN E&D, 8 IN PLANNING

SOUTH CENTRAL REGION

41 ACTIVE PROJECTS: 24 IN CONSTRUCTION (C), 15 IN E&D, 2 IN PLANNING



CWPPRA PHASE I PROJECTS

- TE-0112** North Catfish Lake Marsh Creation
- TE-0117** Island Road Marsh Creation and Nourishment
- TE-0156** Bay Raccourci Marsh Creation and Ridge Restoration
- TE-0157** East Catfish Lake Marsh Creation and Shoreline Protection
- TE-0166** Bay Raccourci Marsh Creation Increment 2

CWPPRA PHASE II PROJECTS

- TE-0134** West Fourchon Marsh Creation
- TE-0138** Bayou DeCade Ridge and Marsh Creation (C)

STATE-ONLY PROJECTS

- AT-0022** East Grand Lake Upper Region (C)
- AT-0023** Henderson Lake Water Management Unit Spoil Bank Gapping (C)
- N/A** Cajun Coast Welcome Center Trail (C)
- N/A** Boy Scouts of America Swamp Base Boat Launch (C)
- N/A** Sandy Cove Boat Launch (C)
- N/A** Murphy Lake Depth Restoration
- N/A** Buffalo Cove Water Management
- TE-0064** Morganza to the Gulf (C)
- TE-0142** Flat Lake Study
- TE-0154** Larose to Golden Meadow System Improvements (C)
- TE-0161** North Lafourche Reach 2 (C)
- TE-0168** St. Mary Back Lakeside Flood Protection
- TE-0169** Mauvais Bois Ridge Restoration
- TV-0077** North Vermilion Bay Shoreline Protection (C)
- TV-0087** Roder Canal Water Control Structure (C)
- TV-0088** East Rainey Marsh Creation

HSDRRS AND OTHER FEDERAL PROTECTION PROJECTS

- TV-0054** South Central Coastal Plan

DEEPWATER HORIZON NRDA PROJECTS

- AT-0020** Atchafalaya Delta WMA Campground Improvements (C)
- TE-0139** Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment (C)
- TE-0146** Pointe-aux-Chenes WMA Enhancement (C)
- TE-0165** Terrebonne HNC Island Restoration
- TV-0081** Cypremort Point State Park Improvements (C)
- N/A** Barrier Island Restoration - Terrebonne Basin

NFWF PROJECTS

- TE-0110** Increase Atchafalaya Flow to Eastern Terrebonne
- TE-0143** Terrebonne Basin Barrier Island and Beach Nourishment (C)

RESTORE PROJECTS

- TE-0113** Houma Navigation Canal Lock Complex (C)
- TE-0145** Grand Bayou Freshwater Reintroduction

GOMESA PROJECTS

- AT-0017** Bayou Chene Floodgate (C)
- TE-0147** Hollywood Canal Closure Structure (C)
- TE-0151** Grand Bayou Floodgate (C)
- TE-0159** Elliot Jones Pump Station (C)
- TE-0167** MTG Reach E Levee Lift (C)
- TV-0085** Yokley Levee Extension (C)
- TV-0086** Jefferson Canal Flap Gate (C)





A

B

C

D

COMMITTED TO

OUR COAST

HISTORY

After Hurricanes Katrina and Rita devastated the Gulf Coast in 2005, Louisiana formed the Coastal Protection and Restoration Authority (CPRA) as the single state entity tasked with setting priorities and overseeing efforts to achieve comprehensive coastal protection and restoration in Louisiana. Prior to this, efforts were handled by various local and state government entities with limited budgets and little to no coordination – and our coast was paying the price.

In response, the Louisiana legislature formed the institution we know today as CPRA and charged them with creating Louisiana's first-ever Comprehensive Master Plan for a Sustainable Coast. For the first time in Louisiana's history, a single state authority was driving coastal restoration and hurricane protection by marshaling the expertise and resources of the Department of Natural Resources, the Department of Transportation and Development, the Department of Wildlife and Fisheries, and other state agencies to speak with one clear voice for the future of Louisiana's coast.

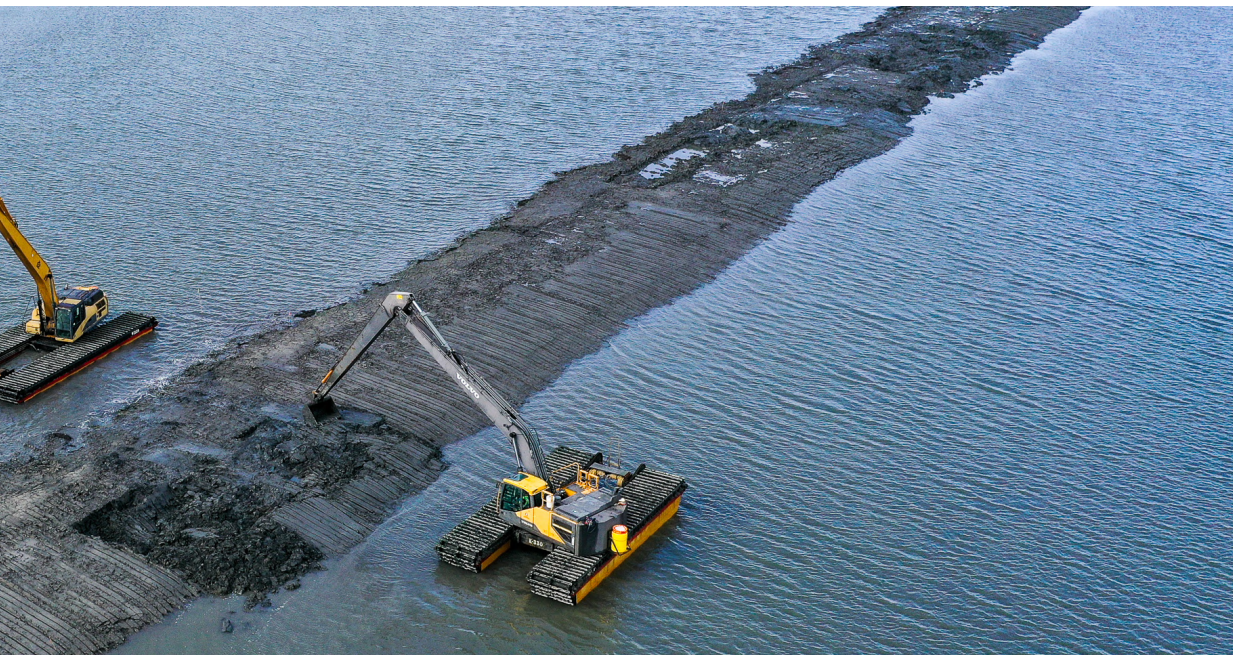
Working with federal, state, and local political subdivisions, CPRA aims to establish a safe and sustainable coast that will protect our communities, our nation's critical energy infrastructure, and our bountiful natural resources for generations to come.

To that effect, CPRA is required by Act 523 of the 2009 Regular Legislative Session to produce an Annual Plan that inventories projects, presents implementation schedules for these projects, and identifies funding schedules and budgets. This Fiscal Year (FY) 2022 Annual Plan provides an update on the state's efforts to protect and restore its coast and describes the short- and long-term results expected as progress is made.





Our Lady of Blind River
Chapel in St. James Parish



Construction on the
Caminada Headland Back
Barrier Marsh Creation
project in Lafourche Parish

MAJOR EVENTS

MAY 1, 1927

THE GREAT FLOOD OF 1927

The flooding of the lower Mississippi River Valley in 1927 is considered one of the worst natural disasters in the history of the United States. More than 23,000 square miles of land flooded, hundreds of thousands of people were displaced, and nearly 250 people died.

This catastrophic event emphasized the need for a governing agency to prioritize river control structures and, ultimately, for coordinated river management efforts that would come to fruition in the future.

MAY 15, 1928

FLOOD CONTROL ACT OF 1928

This act authorized the U.S. Army Corps of Engineers to design and construct projects that help control flooding of the Mississippi River and its tributaries, putting our flood control on par with the other major projects of its time through the largest public works appropriation ever authorized.

JANUARY 1, 1929

BONNET CARRE SPILLWAY

The U.S. Army Corps of Engineers (USACE) built the Bonnet Carre Spillway between 1929 and 1931 as part of the federal Mississippi River and Tributaries Project, a flood-control program to replace the levee system constructed in the 18th and 19th centuries. The weirs were first opened in 1937. The structure is designed to divert water from the Mississippi River to Lake Pontchartrain.

SEPTEMBER 9, 1965

HURRICANE BETSY

Hurricane Betsy struck New Orleans and greater south Louisiana in 1965, leaving behind major flooding, loss of life, and property damage. The storm became the first billion-dollar hurricane, causing \$1.2 billion in damage. In response, Congress ordered USACE to build a massive flood-protection system for New Orleans, which failed 40 years later during Hurricane Katrina.

APRIL 1, 1990

CWPPRA “THE BREAUX ACT”

U.S. Sens. J. Bennett Johnston and John Breaux, of Louisiana, presented their case to save the state’s vanishing wetlands in 1990, persuading Congress to enact the Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA). Often referred to as “The Breaux Act,” CWPPRA was the first federally mandated restoration effort to take place along Louisiana’s coast, and the first program to provide a stable source of federal funds dedicated to coastal restoration.

AUGUST/SEPTEMBER 2005

HURRICANES KATRINA AND RITA

Category 5 Hurricanes Katrina and Rita struck the Gulf Coast in 2005, resulting in more than 1,400 deaths in Louisiana, damaging more than 200,000 homes, displacing one million residents, and destroying 200 square miles of marsh. The hurricanes disrupted the national economy, spiking fuel prices, reducing energy reserves, and slowing global shipments.

The widespread impact of the storms highlighted the need to reform Louisiana’s hurricane protection systems and restore the destroyed wetlands upon which the national economy depends. The federal government agreed to support recovery efforts in Louisiana following the hurricanes, but rather than deal with multiple agencies, federal officials requested the state create a central authority for oversight of all funds and coastal restoration activities, as well as a coordinated plan of action with clear, achievable goals.

DECEMBER 1, 2005

FORMATION OF THE COASTAL PROTECTION AND RESTORATION AUTHORITY

Meeting in a special session to address recovery issues following Hurricanes Katrina and Rita, the Louisiana legislature restructured the state’s Wetland Conservation and Restoration Authority to form CPRA in December 2005.

APRIL 30, 2007

INITIAL COMPREHENSIVE MASTER PLAN FOR A SUSTAINABLE COAST

In its first-ever iteration of a defined plan for sustaining Louisiana’s coast, CPRA outlined its strategy to coordinate small- and large-scale protection, restoration, and risk-reduction efforts coastwide. This initial plan, and all who played a role in its formation, laid the groundwork for a consolidated restoration effort, established focus and guidelines for planning, and set up a framework for project implementation that ensures we’re putting the best projects for our state on the map. Iterations were unanimously approved by the Louisiana legislature in 2012 and 2017, updated to reflect advancements in science and technology as well as newly available information. The 2023 Coastal Master Plan is currently under development.

APRIL 20, 2010

DEEPWATER HORIZON OIL SPILL

A catastrophic oil rig explosion in the Gulf of Mexico resulted in 134 million gallons of oil being released into the ocean, tragic death and injury of numerous crew members, and a wide range of adverse health effects to marine mammal, bird, fish, seafood, and other coastal wildlife populations, in addition to millions of dollars in damage to our ecosystems and economy. This event remains one of the worst environmental disasters in the history of the U.S.

APRIL 4, 2016

DEEPWATER HORIZON OIL SPILL SETTLEMENT

The U.S. District Court for the Eastern District of Louisiana approved a settlement agreement and consent decree allocating billions in funding for claims related to natural resource damages under the Oil Pollution Act, Clean Water Act civil penalties, and the state’s various economic claims. This settlement, combined with prior *Deepwater Horizon* oil spill-related settlements and recoveries, totals approximately \$8.7 billion to be distributed in annual increments from 2017 to 2031 for Louisiana coastal restoration and economic damage rectification.

Because Louisiana’s leaders established the Coastal Master Plan framework long before the oil spill, projects were already identified, planned, and, in some cases, designed – making them ready for implementation as soon as a funding source was available.



FUNDING



COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT (CWPPRA)

(RECURRING)

Federal funds used for the planning and implementation of projects that create, protect, restore, and enhance wetlands in coastal Louisiana. Funds are derived through the Sport Fish Restoration and Boating Safety Trust Fund. The State provides a 15% match.

The Coastal Master Plan is implemented through yearly plans that outline the agency’s priorities for the coming fiscal year and includes projections for an additional two years in the future. Projects are funded through multiple funding sources allocated to CPRA through various state and federal programs, agencies, initiatives, and organizations. Most funding sources have specific guidelines dictating how they can be used.



STATE MINERAL REVENUE

(RECURRING)

Used to match Louisiana’s funding responsibility for CWPPRA projects and fund agency programs and operations.

STATE SURPLUS FUNDS

Coastal protection and restoration is one of six eligible uses of surplus funds.



GULF OF MEXICO ENERGY SECURITY ACT (GOMESA)

(RECURRING)

Federal revenues derived from offshore oil and gas production and shared with the Land and Water Conservation Fund, the four Gulf producing states, and their coastal political subdivisions. In Louisiana, funds have been constitutionally dedicated to the Coastal Protection Trust Fund and are used primarily to fund hurricane risk reduction projects. The State receives its GOMESA payment each spring based on revenues generated during the prior federal fiscal year.



NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF)

A total of \$1.27 billion allocated to the National Fish and Wildlife Foundation for Louisiana as a result of criminal plea agreements associated with the *Deepwater Horizon* oil spill. These funds may only be used to fund barrier island restoration or sediment diversions from the Mississippi and Atchafalaya Rivers.



NATURAL RESOURCES DAMAGE ASSESSMENT (NRDA)

A total of \$5 billion in settlement funds used for *Deepwater Horizon* oil spill restoration activities. This funding stream is overseen by the Louisiana Trustee Implementation Group (LA TIG), who approves restoration and implementation plans that utilize these funds. These funds will be received annually over the 15-year period ending April 4, 2031.

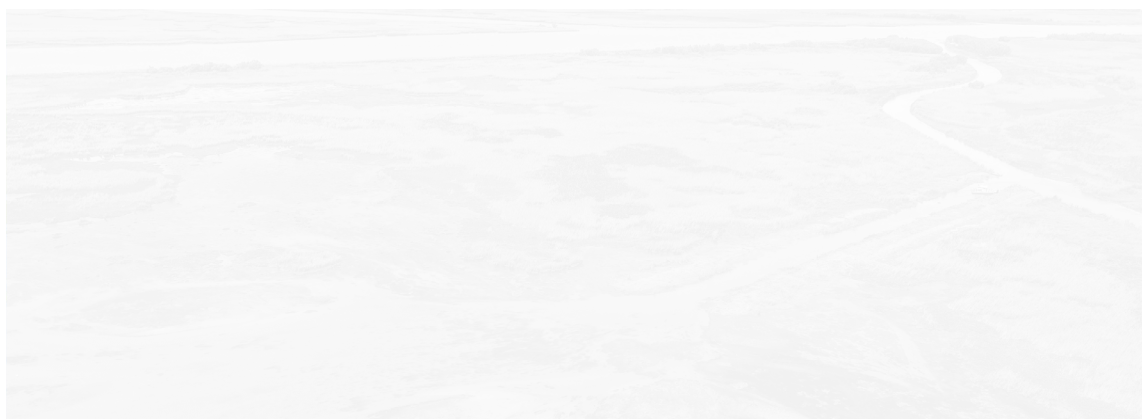


RESOURCES AND ECOSYSTEMS SUSTAINABILITY, TOURIST OPPORTUNITIES, AND REVIVED ECONOMIES OF THE GULF COAST STATES ACT (RESTORE)

Four funding streams managed by the RESTORE Council (Council-Selected Restoration Component and Spill Impact Component), and the U.S. Treasury (Direct Component and Centers of Excellence Component), accounting for 80% of the *Deepwater Horizon* oil spill Clean Water Act civil penalties. These funds will be received over the 15-year period ending April 4, 2031.

Louisiana's share of the RESTORE Trust Fund is as follows:

- Direct Component: approx. \$260.4 million by 2031
- Spill Impact Component: approx. \$551.5 million by 2031
- Council-Selected Restoration Component: \$168.3 million to date
- Centers of Excellence Component: approx. \$26.6 million by 2031



ANNUAL PLAN

A companion to Louisiana's Coastal Master Plan, the Annual Plan presents projected revenues and expenditures for the next three fiscal years, and provides an opportunity to highlight progress and efforts toward protection and restoration through anticipated project activity and implementation schedules.

The Master Plan's \$50 billion budget estimate allows us to identify, plan, and prioritize projects based on need and in alignment with our objectives, but it's important to note that the state doesn't possess all \$50 billion at the time the plan is created. Thus, the Annual Plan allows us to layout in greater detail the short-term goals and expected expenditures – providing a more detailed representation of how available funding is planned to be spent annually.

This methodology and process allows us to compare, select, and prioritize projects for engineering, design, and implementation – thoroughly vetting each proposed project and idea to ensure we end up with the best possible projects on our landscape. This Annual Plan details a snapshot of the most up-to-date information on how we're doing just that.





OBJECTIVES

The individuals who live, work, and play in coastal Louisiana all cherish it for different reasons. The coast belongs to fishermen, residents, hardworking industry representatives, locals, recreational sportsman, scientists, elected officials, engineers, and more. All of which bring diverse viewpoints and ideas to the table. As such, it is imperative that CPRA utilize a comprehensive, impartial approach in selection and implementation of projects, driven by the best-available science. Our planning process

incorporates feedback from everyone and is based on a variety of factors, goals, and objectives to protect the cultural heritage and landscape we all agree is too important to lose.

Used as a guide and vetting mechanism for project prioritization and implementation, CPRA's objectives define the purpose of the organization and serve as a driving force for all protection and restoration activities.



FLOOD PROTECTION

Reduce economic losses from storm surge-based flooding to residential, public, industrial, and commercial infrastructure.

NATURAL PROCESSES

Promote a sustainable coastal ecosystem by harnessing the natural processes of the system.

COASTAL HABITATS

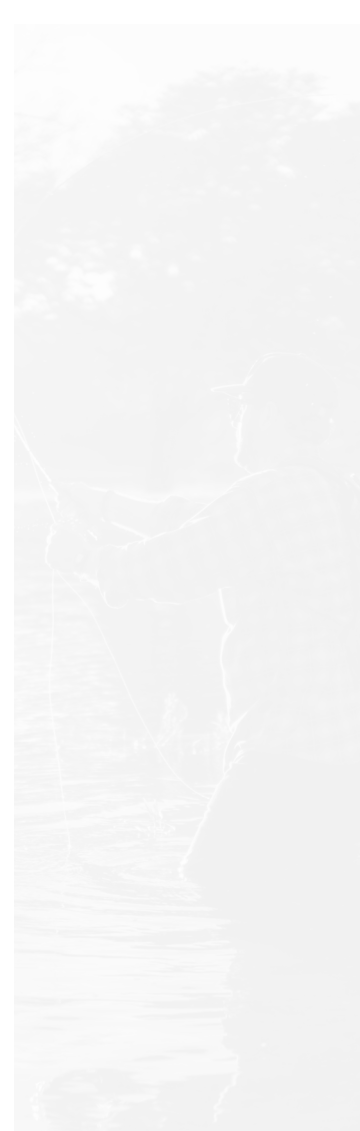
Provide habitats suitable to support an array of commercial and recreational activities coastwide.

CULTURAL HERITAGE

Sustain the unique cultural heritage of coastal Louisiana by protecting historic properties and traditional living cultures and their ties and relationships to the natural environment.

WORKING COAST

Promote a viable working coast to support regionally and nationally important businesses and industries.



With these objectives guiding decision making, the projects highlighted in this Annual Plan are exemplary measures of CPRA's commitment to prioritizing and delivering complimentary solutions to a complex, urgent problem – considering innumerable factors to protect and preserve the culture, communities, and ecosystems vital to our success, and all that makes Louisiana the incomparable place we call home.





PROGRESS & PLAN

\$880 MILLION INVESTMENT IN OUR COAST

\$602 MILLION ALLOCATED FOR CONSTRUCTION

18 DREDGING PROJECTS

SLATED FOR
CONSTRUCTION
TOTALING

89.4 MILLION CUBIC YARDS
OF SEDIMENT TO CREATE OR NOURISH MORE THAN

13,974 ACRES



125 ACTIVE PROJECTS

90% PROJECT
ASSOCIATED
EXPENDITURES

PLANNING

8 PROJECTS • \$23.9 MILLION

ENGINEERING & DESIGN

45 PROJECTS • \$7.3 BILLION
136,432 ACRES BENEFITED

CONSTRUCTION

72 PROJECTS • \$5.8 BILLION
57,395 ACRES BENEFITED
109 MILES OF LEVEE

= 125 ACTIVE
PROJECTS

OM&M

161 COMPLETED
PROJECTS
\$60.7 MILLION

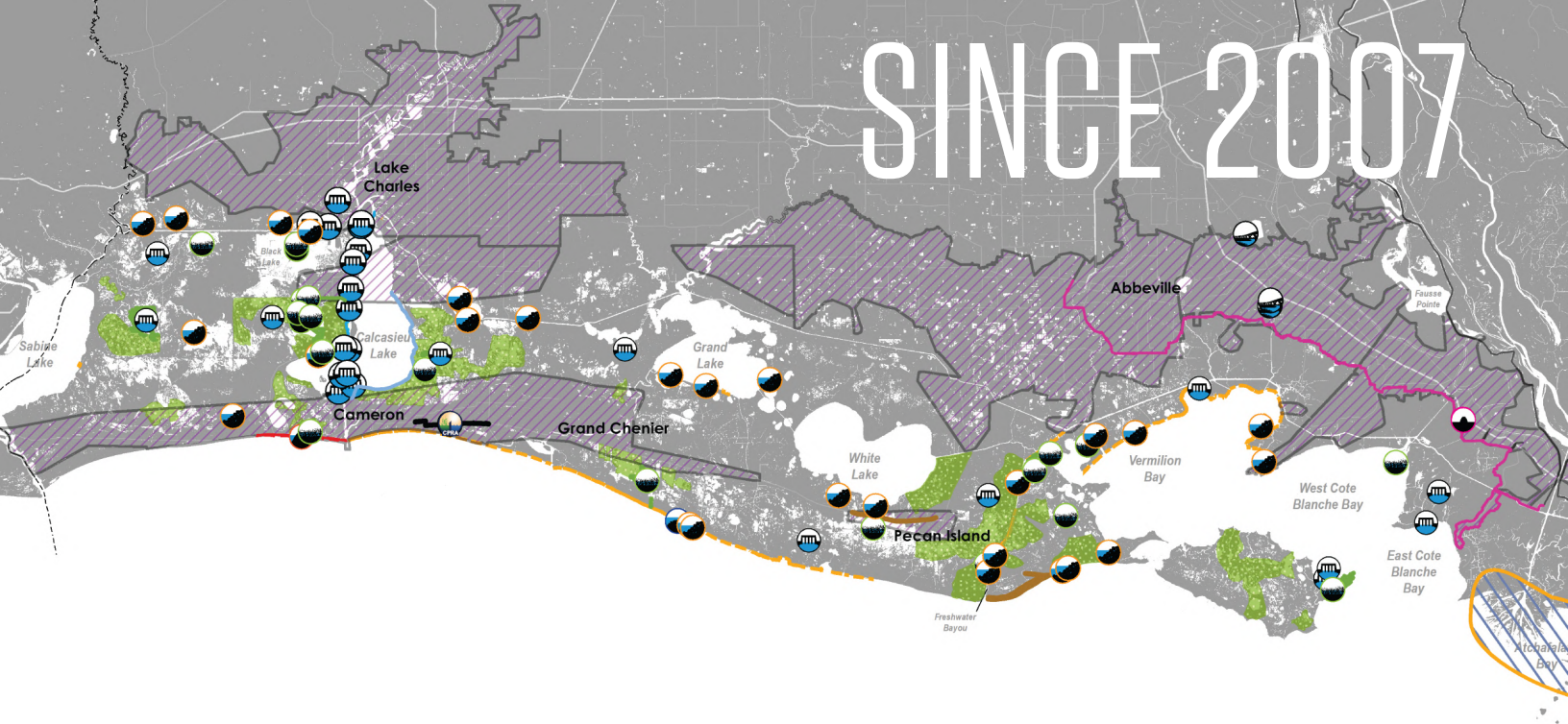


“CPRA’s purpose is rooted in comprehensive and cohesive planning, design, and project delivery. We recognize the importance of looking at our entire coastline as an integrated ecosystem. From Cameron to St. Bernard, every community is important and future generations of Louisianans deserve the opportunity to live, work, and recreate where their parents and grandparents have for years.

The 2020 storm season taught us that no piece of Louisiana’s coastline can be forgotten. We’ve made a concentrated effort to build projects all across our coast, something we will continue to do even more aggressively in the future.”

- Bren Haase, CPRA Executive Director

PROJECTS COMPLETED SINCE 2007



13

\$780 M



BARRIER ISLAND RESTORATION

12

\$89 M



HYDROLOGIC RESTORATION

22

\$10.5 B



STRUCTURAL PROTECTION

28

\$460 M



SHORELINE PROTECTION

2

\$16 M



LIVING SHORELINE

2

\$20 M



RIDGE RESTORATION

25

\$670 M



MARSH CREATION

7

\$55 M



INFRASTRUCTURE

3

\$47 M



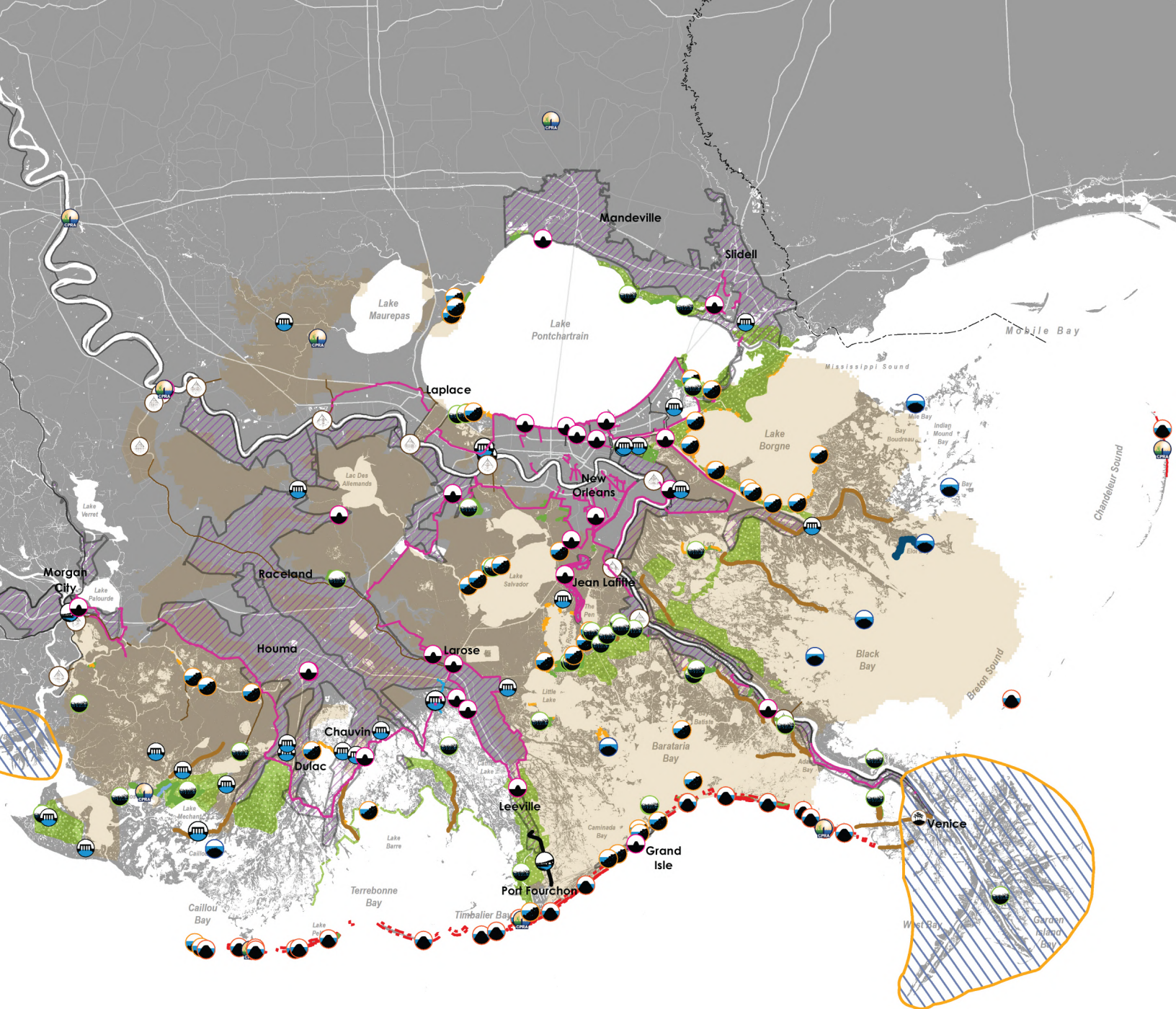
DIVERSION

12

\$279 M



MISC.



Every six years, per the directive of the state Legislature, CPRA releases *Louisiana's Comprehensive Master Plan for a Sustainable Coast*, which details the priorities, projects, plans, and benchmarks for implementing an integrated approach to coastal protection and restoration in Louisiana. This plan is intended to be a living document, updated incrementally to reflect changes to our coast, economy, and society, as well as advancements in science and technology, used in the decision-making, planning, and implementation processes.

Further, CPRA has committed to its dedicated and passionate groups of stakeholders that transparency and open lines of communication will remain at the forefront of decision-making. As such, the Annual Plan serves as an opportunity to inventory integrated coastal protection and restoration projects, provide an update on progress toward long-term goals, and relay funding, budgets, and expenditure information.

This Annual Plan serves to accomplish all of the above and provides a "snapshot" in time, highlighting both progress made toward our protection and restoration plans, as well as an outlook on what's to come.

DREDGING & MARSH CREATION

SINCE 2007, CPRA HAS DREDGED AND PUMPED MORE THAN **157 MILLION CUBIC YARDS** OF SEDIMENT TO BUILD, BENEFIT, OR SUPPORT **49,207 ACRES** OF COASTAL HABITAT.

Gov. John Bel Edwards visits Trinity-East Island during restoration





TERREBONNE BASIN BARRIER ISLAND

LARGEST BARRIER ISLAND/
HEADLAND PROJECT TO DATE



Before and After
Terrebonne Basin Barrier
Island Restoration

UNDERWAY IN 2021

- **Barataria Basin Ridge and Marsh Restoration** - Largest marsh and ridge restoration project to date.
- **Lake Borgne Marsh Creation** - Largest dredging project by acreage in CPRA's history.





BUILDING RESILIENCY

BUILDING RESILIENCY

CPRA'S RESPONSE TO THE UNPRECEDENTED 2020 STORM SEASON

- TROPICAL STORM CRISTOBAL JUNE 7, 2020
- TROPICAL STORM MARCO AUGUST 24, 2020
- HURRICANE LAURA AUGUST 27, 2020
- HURRICANE DELTA OCTOBER 9, 2020
- HURRICANE ZETA OCTOBER 28, 2020



Before and after Grande Isle West End beach restoration

GRAND ISLE WEST END BEACH NOURISHMENT

At the beginning of the 2020 hurricane season, Tropical Storm Cristobal dismantled some 2,000 feet of levee and beach from Grande Isle. At the end of the season, Hurricane Zeta damaged the island's burrito levee, which consists of a solid clay core covered by sand. The dune was demolished and exposed down to its core in some areas, creating a significant vulnerability for the community. Additionally, the beaches that serve as a buffer between the Gulf and the levee were devastated.

Cristobal left homes and businesses on the western side of the island with minimal storm protection ahead of several more months of an unprecedented hurricane season.

In close coordination with Grand Isle's leaders, CPRA deployed funds to restore the dune and beach on the west end of the island. By dredging 780,000 cubic yards of material from Caminada Pass, CPRA restored the island's dune protection to elevation +13 feet and rebuilt 1.25 miles of beach. The project was designed, bid, and constructed in less than six months, and was completed in January of 2021. This effort addressed the areas most critically damaged by the 2020 hurricane season and past storm events, leaving it in better condition ahead of the 2021 hurricane season.



Completed Mermentau Cut in Cameron Parish

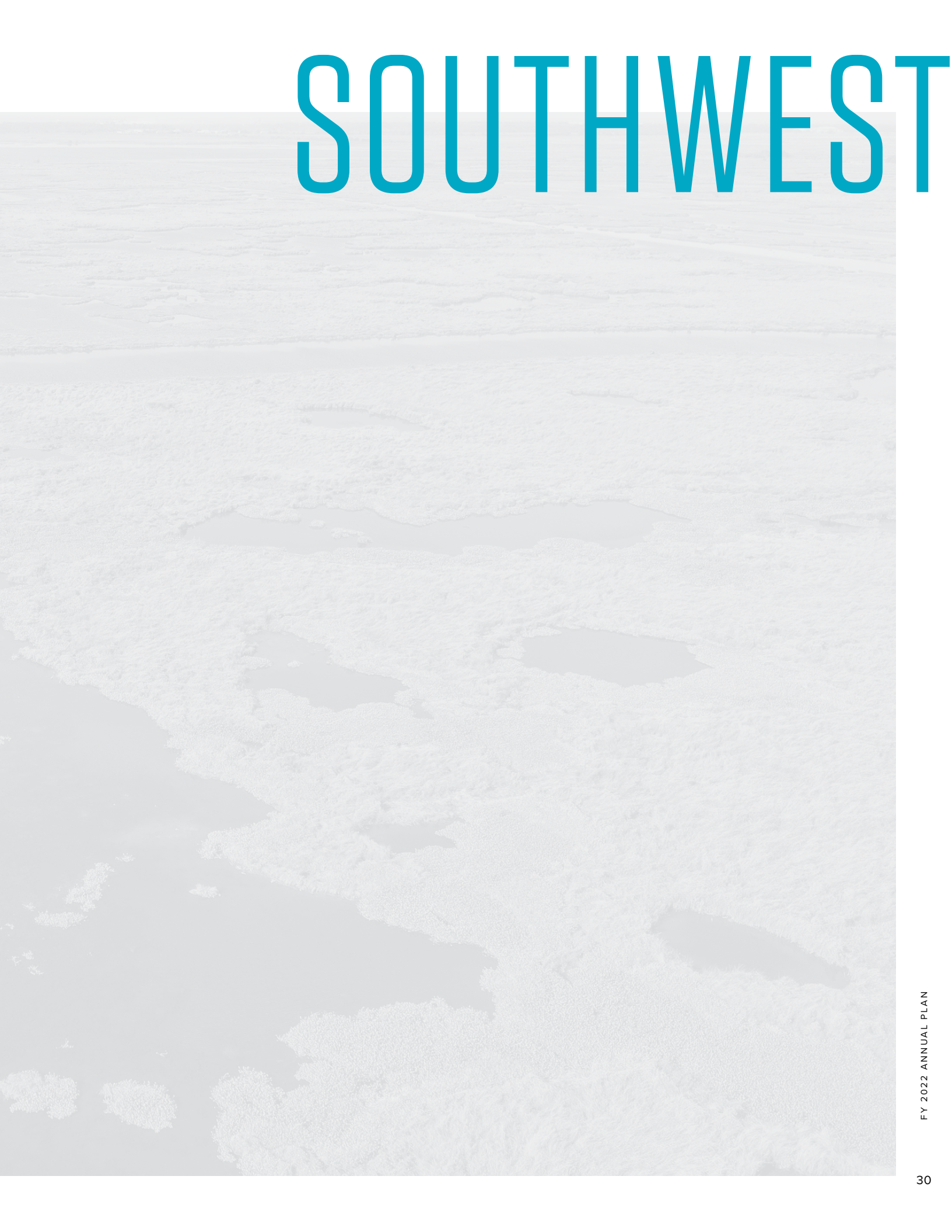


CAMERON PARISH DEWATERING PROJECT

In response to Hurricanes Laura and Delta, CPRA dredged the Mermentau Cut as an emergency response measure to high water in the Mermentau River to provide additional drainage in the area. Additionally, pumps were placed south of Creole to improve the water removal process in Cameron Parish.



SOUTHWEST



CAMERON MEADOWS MARSH CREATION & TERRACING

FY 2022 STATUS:

CONSTRUCTION

FUNDING SOURCE:

CWPPRA

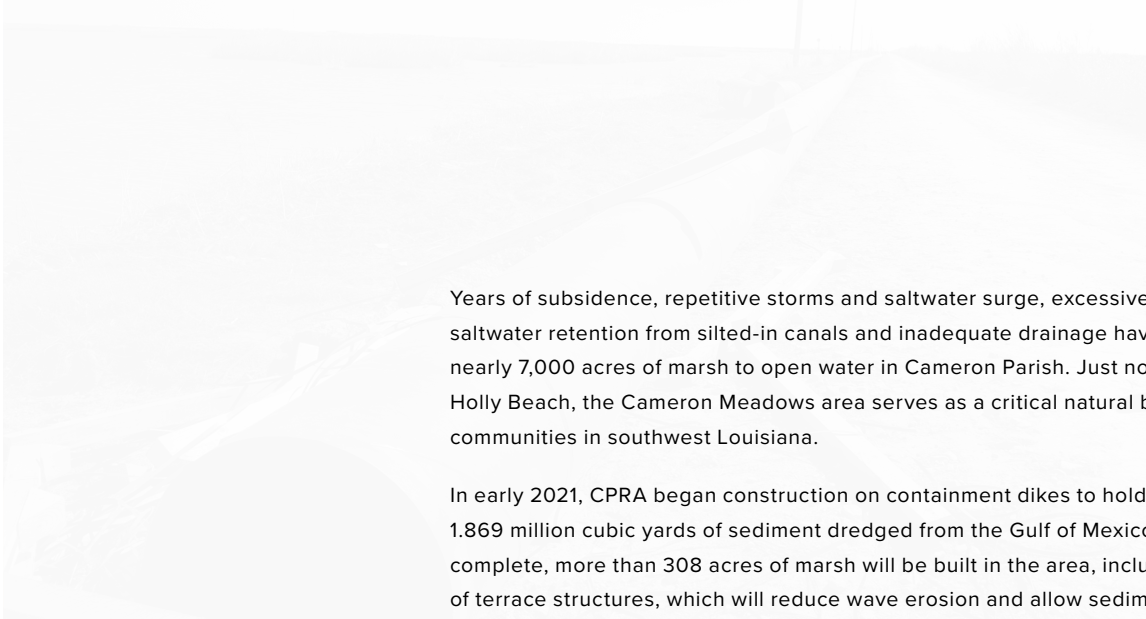
FY 2022 EXPENDITURE:

\$6.5 MILLION

ESTIMATED COST:

\$32.1 MILLION





Years of subsidence, repetitive storms and saltwater surge, excessive drought, saltwater retention from silted-in canals and inadequate drainage have degraded nearly 7,000 acres of marsh to open water in Cameron Parish. Just northwest of Holly Beach, the Cameron Meadows area serves as a critical natural buffer to communities in southwest Louisiana.

In early 2021, CPRA began construction on containment dikes to hold approximately 1.869 million cubic yards of sediment dredged from the Gulf of Mexico. Once complete, more than 308 acres of marsh will be built in the area, including 2.3 miles of terrace structures, which will reduce wave erosion and allow sediment deposition to support land building. In addition, several water-control structures and protection measures will be included to reduce saltwater intrusion on adjacent properties.



Cameron Meadows
marsh creation area

ROCKEFELLER SHORELINE PROTECTION PROJECT

FY 2022 STATUS:

ENGINEERING & DESIGN

FUNDING SOURCE:

RESTORE

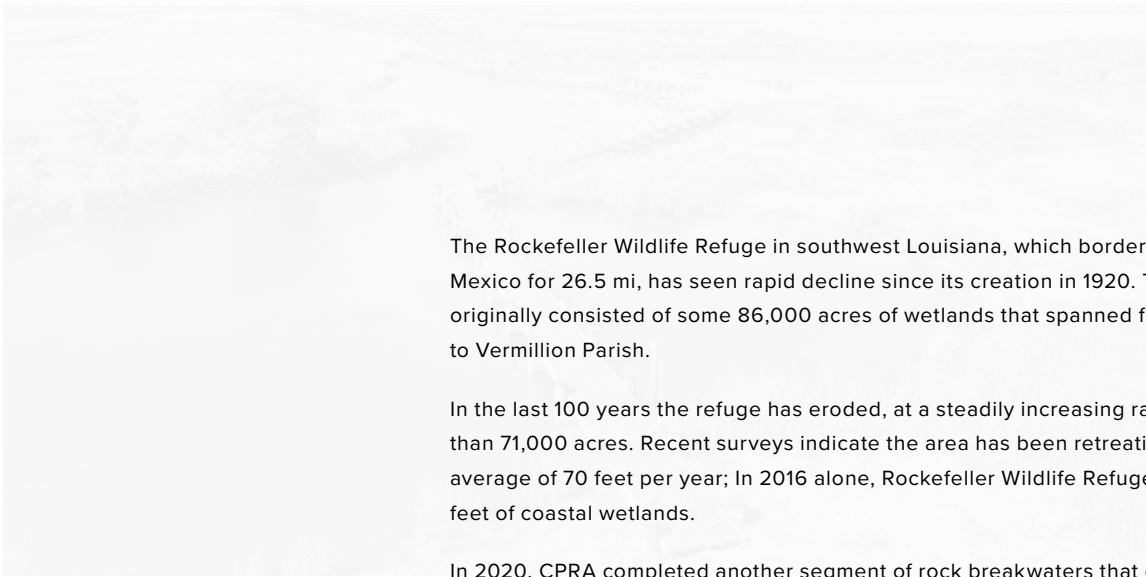
FY 2022 EXPENDITURE:

\$3.1 MILLION

ESTIMATED COST:

\$8.8 MILLION





The Rockefeller Wildlife Refuge in southwest Louisiana, which borders the Gulf of Mexico for 26.5 mi, has seen rapid decline since its creation in 1920. The refuge originally consisted of some 86,000 acres of wetlands that spanned from Cameron to Vermillion Parish.

In the last 100 years the refuge has eroded, at a steadily increasing rate, to less than 71,000 acres. Recent surveys indicate the area has been retreating at an average of 70 feet per year; In 2016 alone, Rockefeller Wildlife Refuge lost over 300 feet of coastal wetlands.

In 2020, CPRA completed another segment of rock breakwaters that expanded the area's rock shoreline by 3,414 linear feet. The project represents a collaboration between CPRA and the Cameron Parish Policy Jury.

Formed using a lightweight aggregate core material covered with larger rocks, the breakwater structure blocks wave energy from eroding the shoreline and contributing to rapid land loss. Combined with the just-completed state project and an earlier project funded through the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA), the total rock shoreline protecting the Rockefeller Refuge will stretch 5.5 miles.



The shoreline of the Rockefeller Wildlife Refuge

RABBIT ISLAND RESTORATION

FY 2022 STATUS:

COMPLETE

FUNDING SOURCE:

*DEEPWATER
HORIZON NRDA*

FY 2022 EXPENDITURE:

\$30,000 (OM&M)

ESTIMATED COST:

\$16.4 MILLION



Located in Calcasieu Lake in Cameron Parish, Rabbit Island is an essential nesting colony for brown pelicans and thousands of birds of many other species. During high tide, the island is mostly inundated, leaving minimal land for productive nesting. Further, eggs and hatchlings that do successfully live on the island are at risk of being washed away.

In early 2021, CPRA announced the completion of the island's restoration, just in time for nesting season. CPRA restored 133 acres of bird nesting habitat by utilizing sediment dredged from the Calcasieu Ship Channel. Additionally, vegetative plantings of grasses and shrubs further enhanced the habitat for pelicans, egrets, herons, ibis, and other colonial nesting water birds. The restored island's increased elevation also increased the abundance and quality of nesting habitat for the bird species that nest here, several of which are designated as "species of greatest conservation need" in Louisiana.



Pelicans returning to the Rabbit Island habitat for nesting season





SOUTH CENTRAL

BAYOU CHENE BARGE GATE

FY 2022 STATUS:

CONSTRUCTION

FUNDING SOURCE:

GOMESA

FY 2022 EXPENDITURE:

\$34 MILLION

ESTIMATED COST:

\$80 MILLION

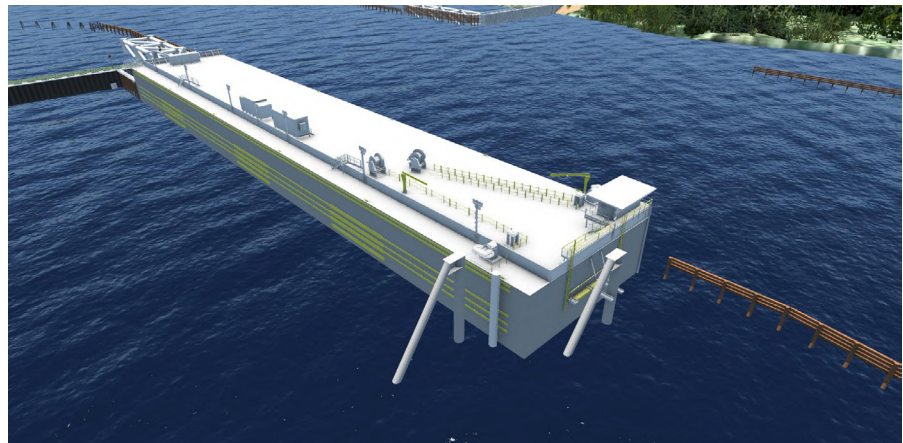




Since 1973, local government authorities have utilized a temporary emergency solution to prevent Atchafalaya River backwater flooding from impacting their communities. Sinking a large river barge across the channel of Bayou Chene has prevented flood damage on multiple occasions during hurricanes, storm events, or other periods that presented hazardous high-water. While this has proved effective, emergency implementation has been costly and is not intended to serve as a long-term solution for the area.

The permanent flood control structure across Bayou Chene, below Morgan City, will become a reality in Fiscal Year 2022, with the installation of an over 400-foot barge gate expected to be in place and operational by October 2021. The gate will be able to open and close with the push of a button, a great improvement over the temporary emergency solution that saves time and is much more effective in combatting various flooding events.

The \$80 million permanent Bayou Chene barge gate is in the final phase of construction. It will provide increased protection for St. Mary, Terrebonne, Lafourche, St. Martin, Assumption, and Iberville Parishes. Once complete, the project will provide protection against storm surge and includes a series of floodwalls and levees to increase protection. The project is a partnership with CPRA and the St. Mary Parish Levee District.



Floodgate structure schematic

HOUMA NAVIGATION CANAL LOCK COMPLEX

FY 2022 STATUS:

CONSTRUCTION

FUNDING SOURCE:

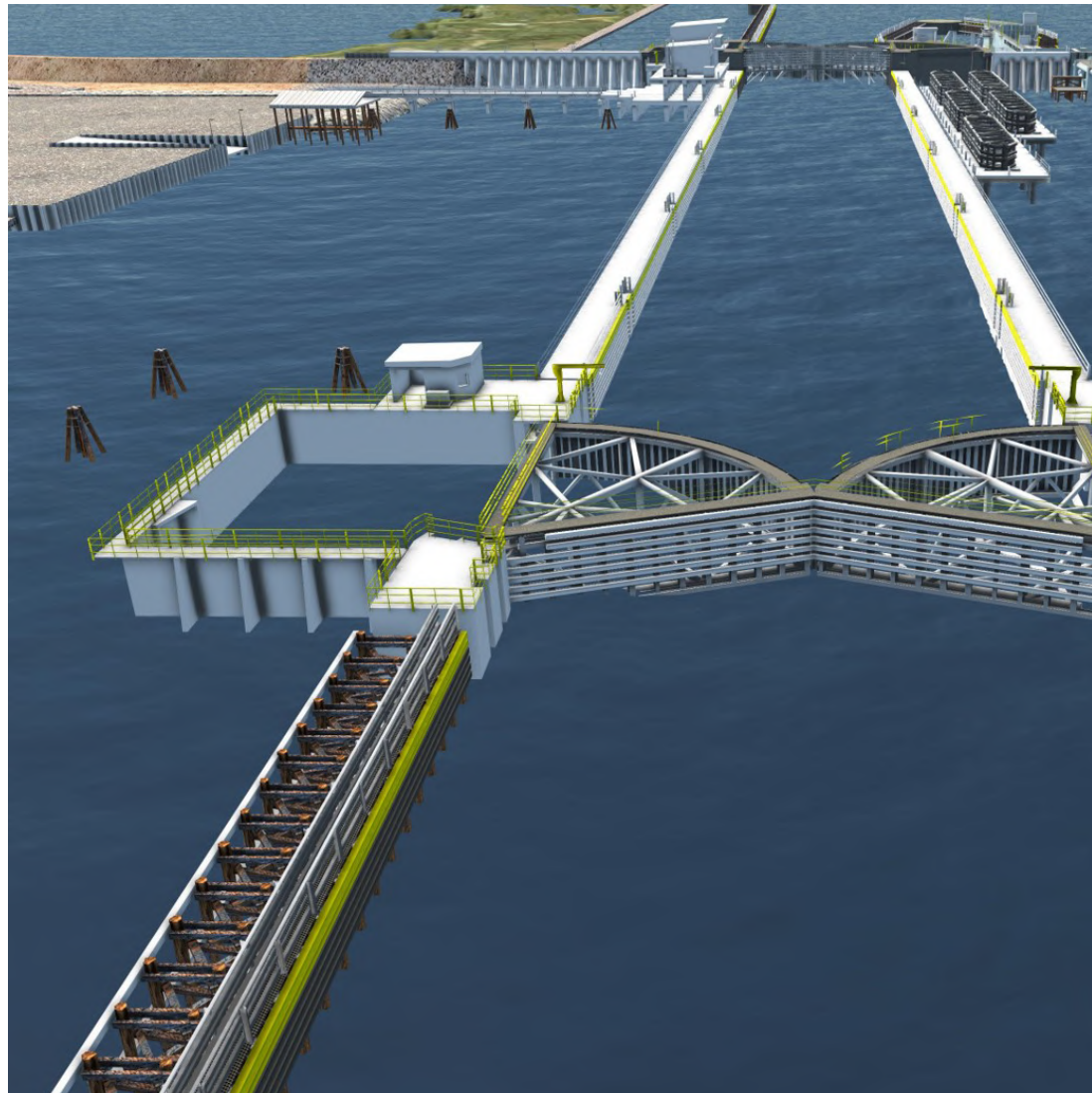
RESTORE

FY 2022 EXPENDITURE:

\$30 MILLION

ESTIMATED COST:

\$358 MILLION



Houma Navigation Canal Lock Complex

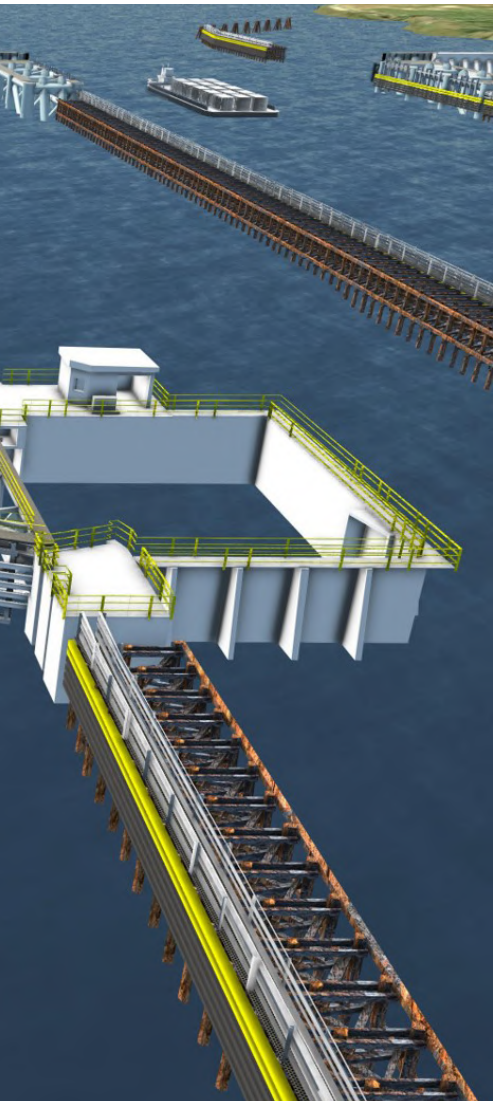


The highly anticipated Houma Navigation Canal (HNC) Lock Complex is advancing to construction several years sooner than expected through an alternative financing solution. Utilizing Act 89 of the 2020 Regular Legislative Session, the agency is now able to finance coastal restoration projects by entering into debt obligations within the regulatory and oversight process of the State Bond Commission. CPRA's traditional approach involved waiting until the entirety of allocated funds were available before moving projects to construction.

The alternative financing plan is intended to provide gap financing during the HNC Phase 2 construction period and until CPRA receives the annual RESTORE Bucket 3 payments. CPRA anticipates starting the competitive process for securing capital market financing a few months prior to the bid of Phase 2.

The HNC Lock Complex is a hydrologic restoration project needed to reduce saltwater intrusion and distribute fresh water within the Terrebonne Basin, an area that is experiencing some of the highest rates of land loss across coastal Louisiana.

This project will help limit the intrusion of saltwater into the freshwater marsh systems allowing for the maintenance of thousands of acres of wetlands which serve as critical wildlife habitat and nurseries for fisheries. The HNC Lock Complex will also provide crucial flood protection by blocking storm surge as a key component of the Morganza to the Gulf Hurricane Protection Project.

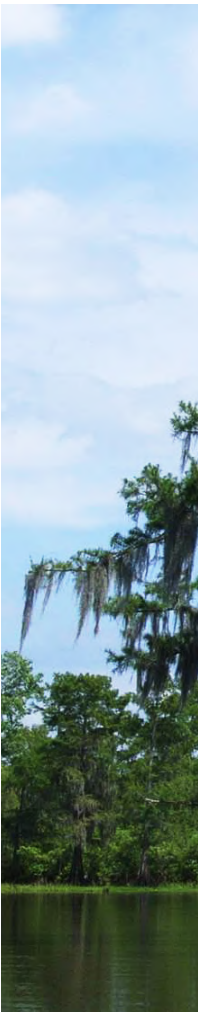


ATCHAFALAYA RIVER BASIN RESTORATION & ENHANCEMENT TASK FORCE

The Atchafalaya River Basin is the nation's largest river swamp and holds significant ecological and cultural significance for Louisiana and the nation. The basin produces the largest wild-caught crawfish harvest in the nation, supports thriving finfish and shellfish fisheries, and hosts a unique and diverse array of plants and animals. The basin also serves as a critical relief valve for extreme flood events on the Mississippi River and is home to the Port of Morgan City, a vital connection point for inland and coastal shipping routes.

Modifications to the natural flow regime of the Atchafalaya River and its swamp have caused sedimentation and water quality issues in the basin. These issues threaten the ecosystem, navigation, flood control, and the communities that rely on its natural and cultural resources.

To address these issues, Gov. John Bel Edwards created the Atchafalaya River Basin Restoration & Enhancement Task Force (ARBRE Task Force) in 2020. The ARBRE Task Force brings stakeholders from diverse perspectives together to work through the ongoing challenges in the basin and identify opportunities for improvement. Its initial report is due September 1, 2021.



OBJECTIVES

ELEVATING CRITICAL ISSUES

Elevating critical issues facing the Atchafalaya Basin and the importance of its holistic management for navigation, flood control, and restoration.

IDENTIFYING AND BUILDING FUNDING SUPPORT

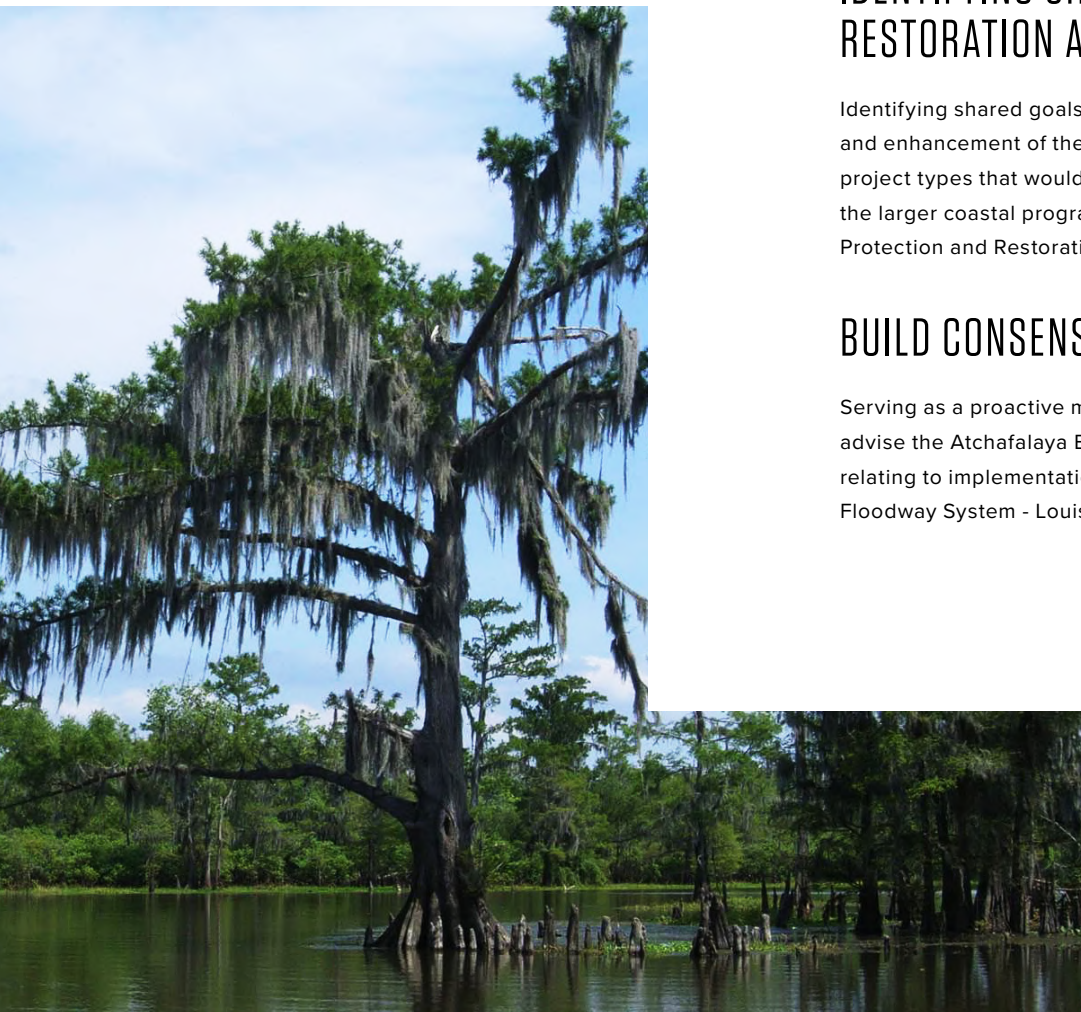
Identifying and building support for new and recurring sources of funding, including working closely with the U.S. Army Corps of Engineers to reinvigorate the Atchafalaya Basin Floodway System - Louisiana Project.

IDENTIFYING SHARED GOALS FOR RESTORATION AND ENHANCEMENT

Identifying shared goals and values for restoration and enhancement of the Basin, as illustrated by project types that would benefit both the Basin and the larger coastal program as managed by the Coastal Protection and Restoration Authority.

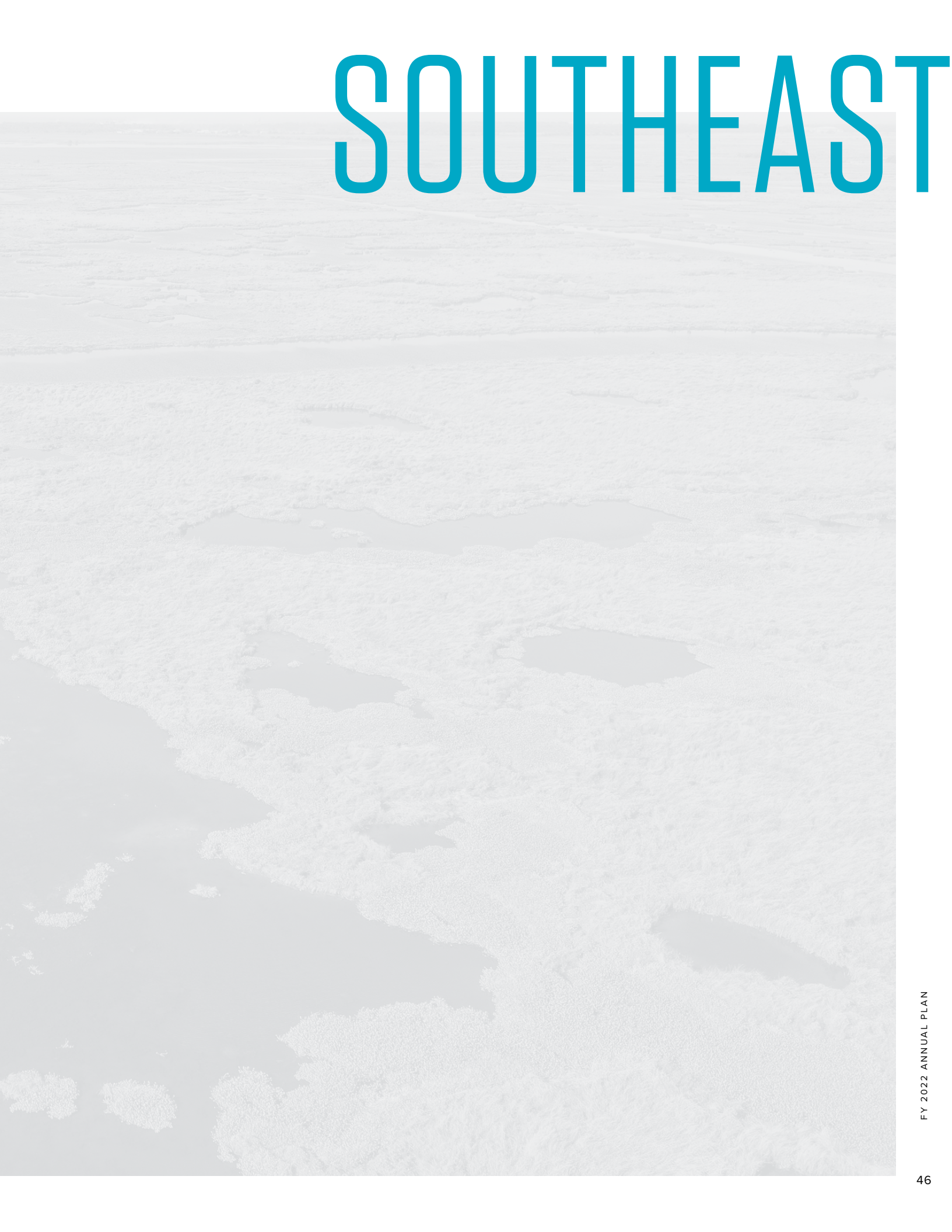
BUILD CONSENSUS AND ADVISE

Serving as a proactive means to build consensus and advise the Atchafalaya Basin Program on matters relating to implementation of the Atchafalaya Basin Floodway System - Louisiana Project.





SOUTHEAST



WEST SHORE LAKE PONTCHARTRAIN HURRICANE PROTECTION

FY 2022 STATUS:

CONSTRUCTION

FUNDING SOURCE:

**STATE-FEDERAL
COST SHARE**

FY 2022 EXPENDITURE:

\$20 MILLION

ESTIMATED COST:

\$760 MILLION



Map depicting the close proximity of the West Shore Lake Pontchartrain Hurricane Protection project and River Reintroduction into Maurepas Swamp project

The east bank of the Mississippi River, and extending into the western shore of Lake Pontchartrain through St. Charles, St. John the Baptist, and St. James Parishes, represents some of Louisiana's most economically fruitful and vital communities. Unfortunately, these same communities also represent those most vulnerable to storm surge and the inevitable damage left behind. The people and landscape of this area have suffered through innumerable storms and severe weather events, including Hurricanes Katrina and Rita in 2005, Gustav and Ike in 2008, and Isaac in 2012, that decimated the area and the wetlands that protect it.

After decades of severe weather impacts, storm surge, and record-breaking flooding caused delays in travel, production, and emergency response and evacuation in the area, and through unwavering pressure from Louisiana's leaders, Congress authorized the project in 2014. Tireless pursuit of funding on behalf of these vulnerable communities resulted in appropriations from Congress in 2018.

The West Shore Lake Ponchartrain Hurricane Protection Project is not just one project, but a series of projects spanning 23 miles, including 17.5 miles of levees, one mile of T-wall, four pump stations, and two drainage structures, that form an integrated protection system.

The 23-mile hurricane and storm damage risk reduction project made notable progress in 2020:

- CPRA and the Pontchartrain Levee District completed land acquisition for all construction access roads and completed all real estate title research and boundary surveys for the remaining land acquisition.
- The U.S. Army Corps of Engineers (USACE) completed initial vegetation clearing to support geotechnical and survey data, begun detailed design for all levee reaches, and awarded two construction contracts to excavate and stockpile levee material from the Bonnet Carre Spillway.
- Project completion is tentatively anticipated for 2024.



MID-BASIN SEDIMENT DIVERSION PROGRAM

FY 2022 STATUS:

ENGINEERING & DESIGN

FUNDING SOURCE:

NFWF/NRDA

MID-BARATARIA

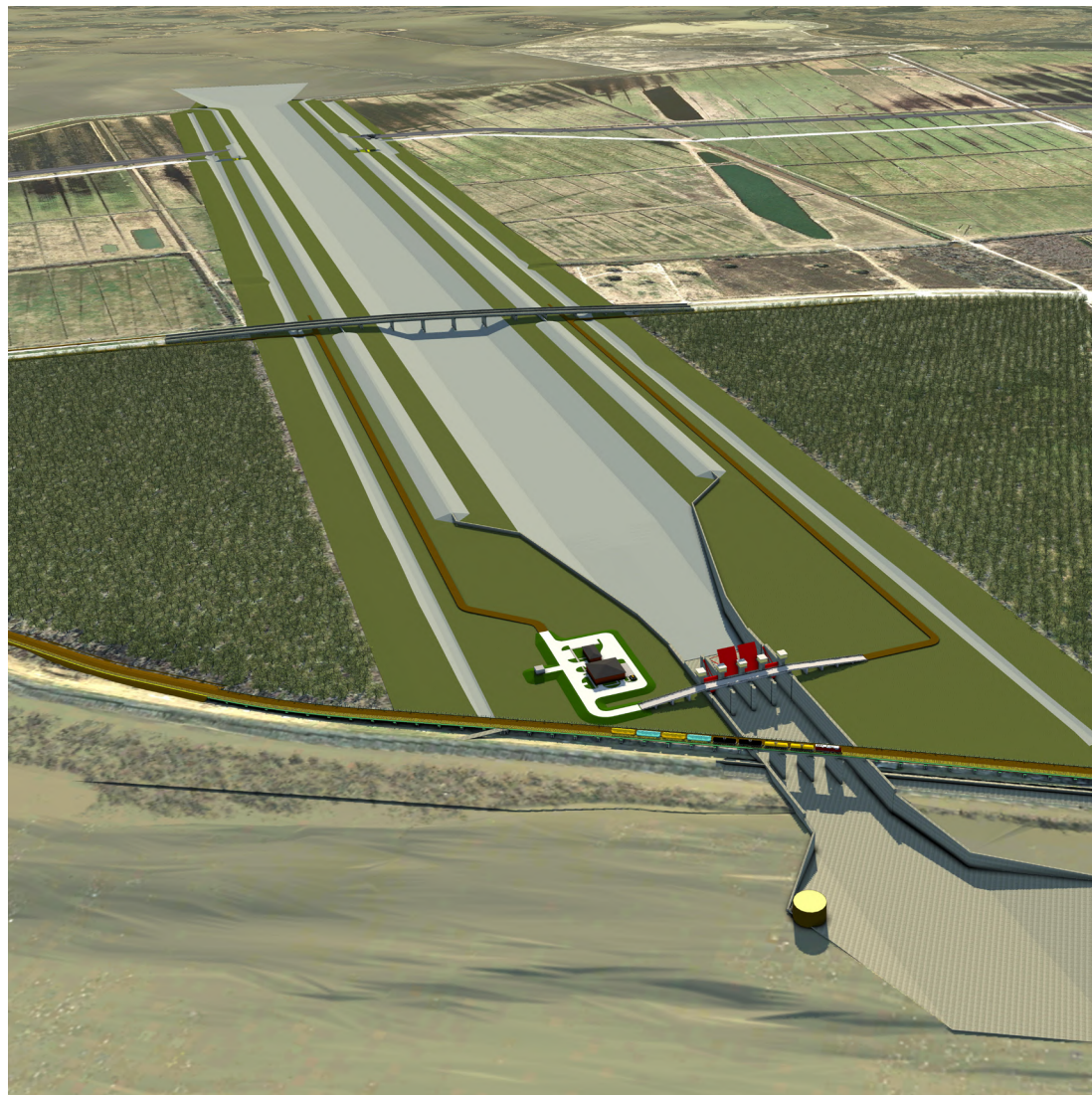
FY 2022 EXPENDITURE:

\$17 MILLION

MID-BRETON

FY 2022 EXPENDITURE:

\$23 MILLION



Mid-Barataria Sediment Diversion structure schematic

After decades of studies and input from leading scientists, engineers, and coastal residents, the state of Louisiana has determined that large-scale sediment diversions provide the best chance at restoring, building, protecting, and sustaining our wetlands in order to preserve our communities, culture, wildlife, and industries for generations to come. Sediment diversions are the cornerstone projects of coastal restoration in Louisiana.

The unintended consequences of building our current levee system, along with a myriad of other natural and manmade factors, have placed coastal Louisiana at risk of being swallowed into the Gulf of Mexico. The levee system keeps the Mississippi River restricted and prevents the river from depositing much needed sediment – the silts and clays carried by the river – and nutrients into our basins.

Our basins are starved, our ecosystems are disappearing, and our coastal estuaries are changing. We know the issue is urgent, and modern science and engineering agree that only one thing can both build and sustain land long-term: recreating the natural processes that originally built our wetlands.

The Barataria and Breton Sound basins are two areas suffering from the most aggressive land loss. CPRA is currently in the Engineering & Design phase of two sediment diversions: the Mid-Barataria and Mid-Breton Sediment Diversions. These structures are being carefully designed to reconnect the river to these basins, re-establishing hydrological flows and restoring the natural deltaic sediment deposition processes that originally built them.



CRITICAL PERMITTING MILESTONES

- In 2020, USACE conducted public scoping meetings on the Mid-Breton Sediment Diversion, the first opportunity for the public to provide input on initial plans and information on the project.
- In early 2021, USACE released the Draft Environmental Impact Statement (DEIS) and the Louisiana Trustee Implementation Group (LA TIG) released its Draft Restoration Plan on the Mid-Barataria Sediment Diversion. The DEIS details the benefits, impacts, and changes to the basin as a result of building the project, and the Draft Restoration Plan details proposed mitigation measures for potential impacts the projects may have. Both documents were made available for public review and comment.





INVESTMENT IN OUR COAST

LOUISIANA TRUSTEE IMPLEMENTATION GROUP RESTORATION PLAN FUNDING

Three funding announcements made in 2020 by the Louisiana Trustee Implementation Group (LA TIG) will advance CPRA projects benefiting more than 7,900 acres of Louisiana's coastal environment, oyster production, and protection of marine species such as dolphins and whales. LA TIG is the entity responsible for oversight, planning, and implementation of *Deepwater Horizon* oil spill Natural Resource Damage Assessment (NRDA) settlement funds in Louisiana.



Oyster Bayou Marsh
following restoration
project completion in 2019

THE PROJECT FUNDING APPROVALS

- Large-Scale Barataria Marsh Creation: Upper Barataria Component – Using 10.5 million cubic yards of sediment dredged from the Mississippi River to build 1,163 acres of marsh in Jefferson Parish below the Jean Lafitte area known as The Pen.
- Terrebonne Basin Ridge and Marsh Creation Project-Bayou Terrebonne Increment – Restoring, maintaining, and monitoring up to 1,430 acres of brackish and saline marsh and 80 acres of earthen ridge on the eastern side of Bayou Terrebonne, south of Chauvin in Terrebonne Parish.
- Terrebonne Houma Navigation Channel (HNC) Island Restoration – Dredging sediment to restore and enlarge to 50 acres a bird nesting island about four miles southeast of Cocodrie in Terrebonne Parish.
- Grande Cheniere Ridge Marsh Creation – Turning open water into 624 acres of marsh near Bayou Grande Cheniere and building 12,480 linear feet along Jefferson Canal in Plaquemines Parish.
- Bird’s Foot Delta Hydrologic Restoration – Engineering and designing the restoration of hydrology in the lower Mississippi River delta in Plaquemines Parish by dredging portions of Pass-a-Loutre, South Pass, and/or Southeast Pass to reconnect the river with the marshes of its delta.
- Isle au Pitre – Engineering and designing enhancements to nesting conditions for birds by using dredged sediment to elevate portions of the island and plant suitable vegetation for bird nesting habitats, along with shoreline protection features with oyster benefits.
- Spanish Pass Ridge and Marsh Creation Project – Using 16 million cubic yards of material (the largest dredging project by volume CPRA has ever bid) from the Mississippi River to create 1,670 acres of marsh and historic ridge near Venice in Plaquemines Parish.
- Lake Borgne Marsh Creation-Increment One – Creating 2,816 acres of restored marsh habitat (the largest project by acreage ever bid by CPRA) near Shell Beach in St. Bernard Parish.
- The Marine Mammals Project – Infrastructure, equipment and supplies to increase capacity and improve rapid response for injured and dead dolphins and whales, and facilitate a better understanding of the causes of injury and death. To be led by the National Oceanic and Atmospheric Administration (NOAA) in partnership with other federal and state agencies.
- Additional oyster-related projects to be led by the Louisiana Department of Wildlife and Fisheries, including:
 - Two brood reefs (10 acres each) in St. Bernard Parish to increase spawning oyster populations.
 - Identification and construction of additional spawning stock reefs in public oyster grounds with currently-low larval supplies that have conditions suitable for increased productivity.
 - Two new public oyster reefs (200 acres each) to be created in the Grand Banks area of the Mississippi Sound and Terrebonne Parish’s Sister (Caillou) Lake Public Oyster Seed Reservation.
 - Additional reefs to be built in other public oyster grounds where conditions are suitable for oysters.
 - Production of at least 500 million oyster larvae at LDWF’s Michael C. Voisin Oyster Hatchery in Grand Isle, with 75% to be distributed to established public oyster areas in need of rehabilitation, and 25% dedicated to oyster restoration activities in protected areas.



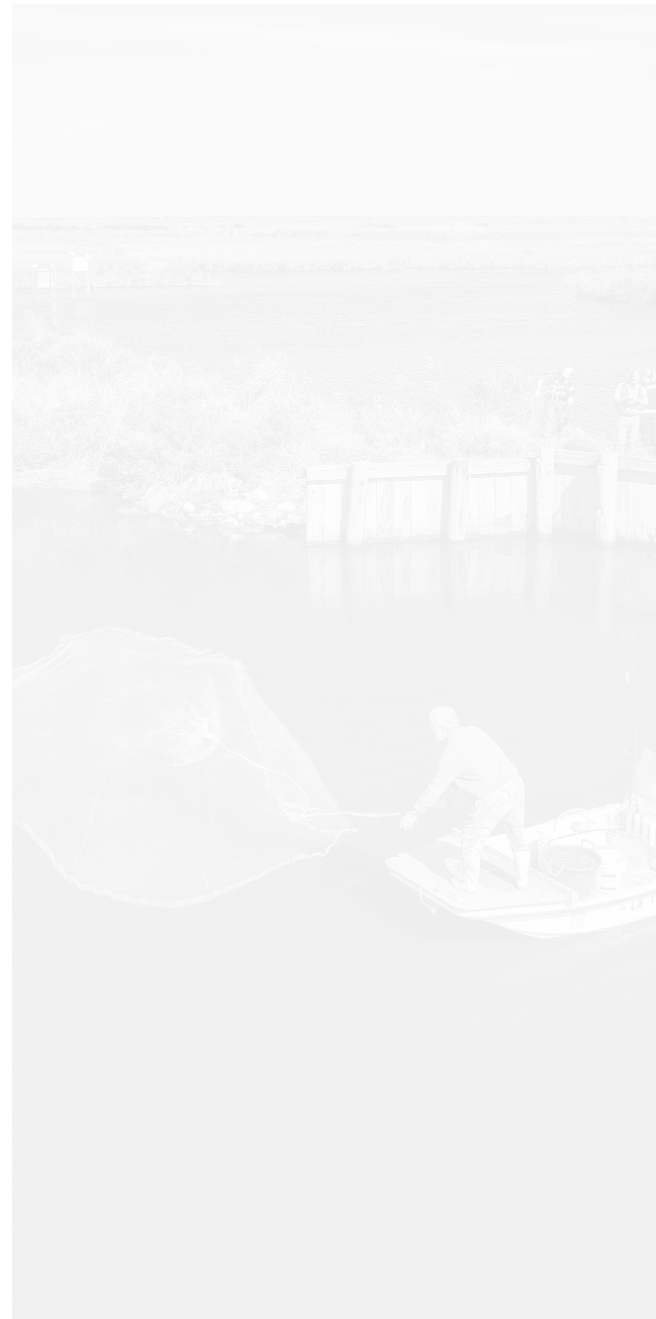
NATIONAL RESOURCE DAMAGE ASSESSMENT RECREATIONAL USE FUNDING



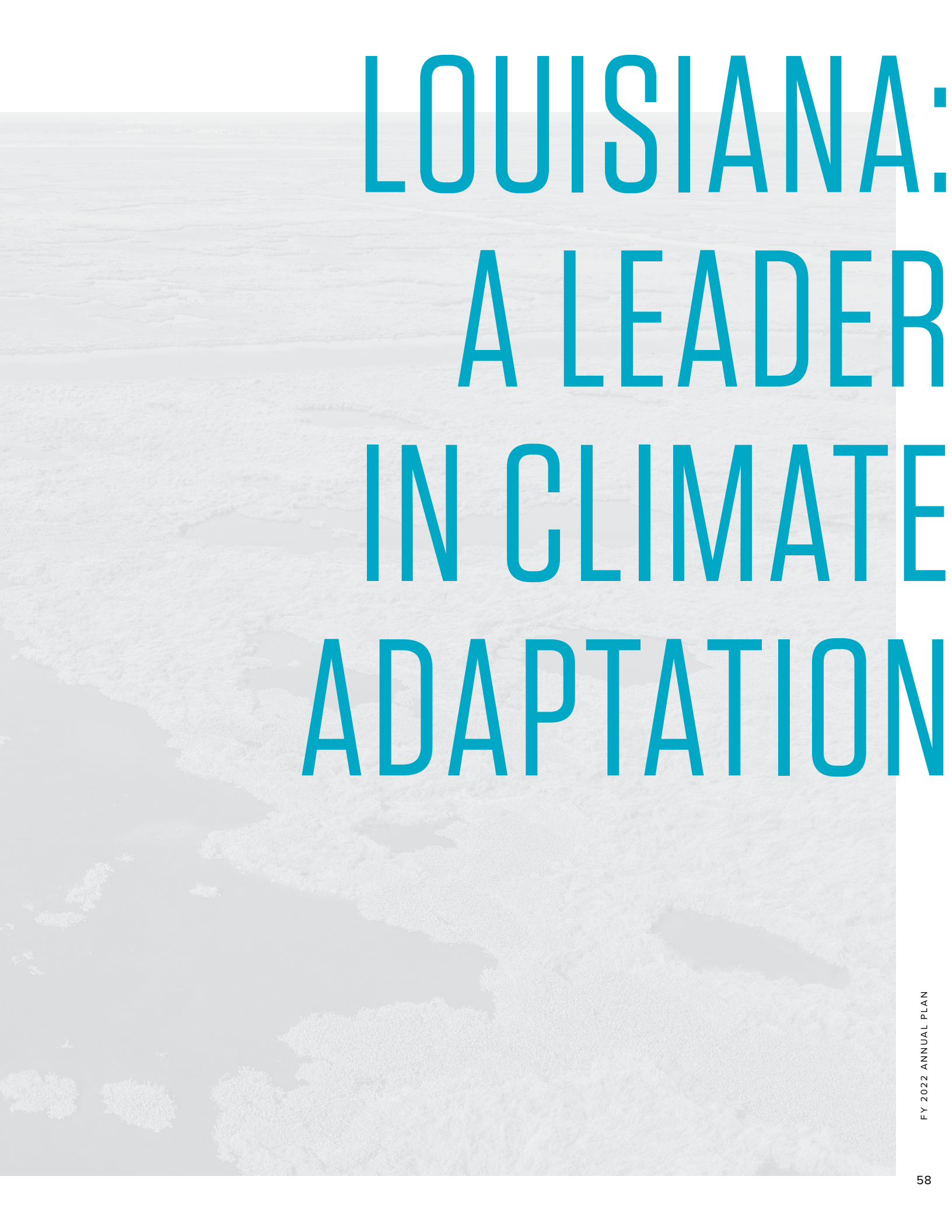
Campgrounds, fishing piers, boat launches, and more are being constructed in popular recreational areas across the state's coastal zone using \$60 million in funds designated as compensation for recreational opportunities lost as a result of the *Deepwater Horizon* oil spill. The entire recreational use component of the National Resource Damage Assessment (NRDA) settlement has been allocated to 23 projects across coastal Louisiana, of which six have been completed, including:

- Improvements to Grand Avoille Boat Launch
- Rockefeller Piers and Signage
- Pass-a-Loutre WMA Crevasse Access
- Pass-a-Loutre WMA Campgrounds
- Island Road Fishing Piers (PAC)
- Atchafalaya Delta WMA Access

Piers and Signage at
Rockefeller Refuge







LOUISIANA: A LEADER IN CLIMATE ADAPTATION

CLIMATE INITIATIVES TASK FORCE

Scientists around the world agree that rising global temperatures pose increased risks to human health and security, livelihoods, food security, water supply, economic growth, and natural systems. For coastal Louisiana, these impacts are most severely manifested in the loss of coastal wetlands from sea level rise, increased flooding from tropical and intense rainfall events, and extreme heat. Each of these environmental and health stressors have negative impacts on families, communities, and regions around our state, with disproportionate impacts on those with the fewest resources. Taking action to avoid the worst of these impacts is not only critical for improving our resilience, sustaining our coast, and improving human health and well-being, but also presents opportunity to advance Louisiana's economic and energy profile while positioning Louisiana as a more equitable, prosperous, and sustainable state.

In August of 2020, Gov. John Bel Edwards signed an executive order officially creating the Climate Initiatives Task Force, the state's first economy-wide effort to reduce greenhouse gas emissions in order to help avoid the worst impacts of climate change.

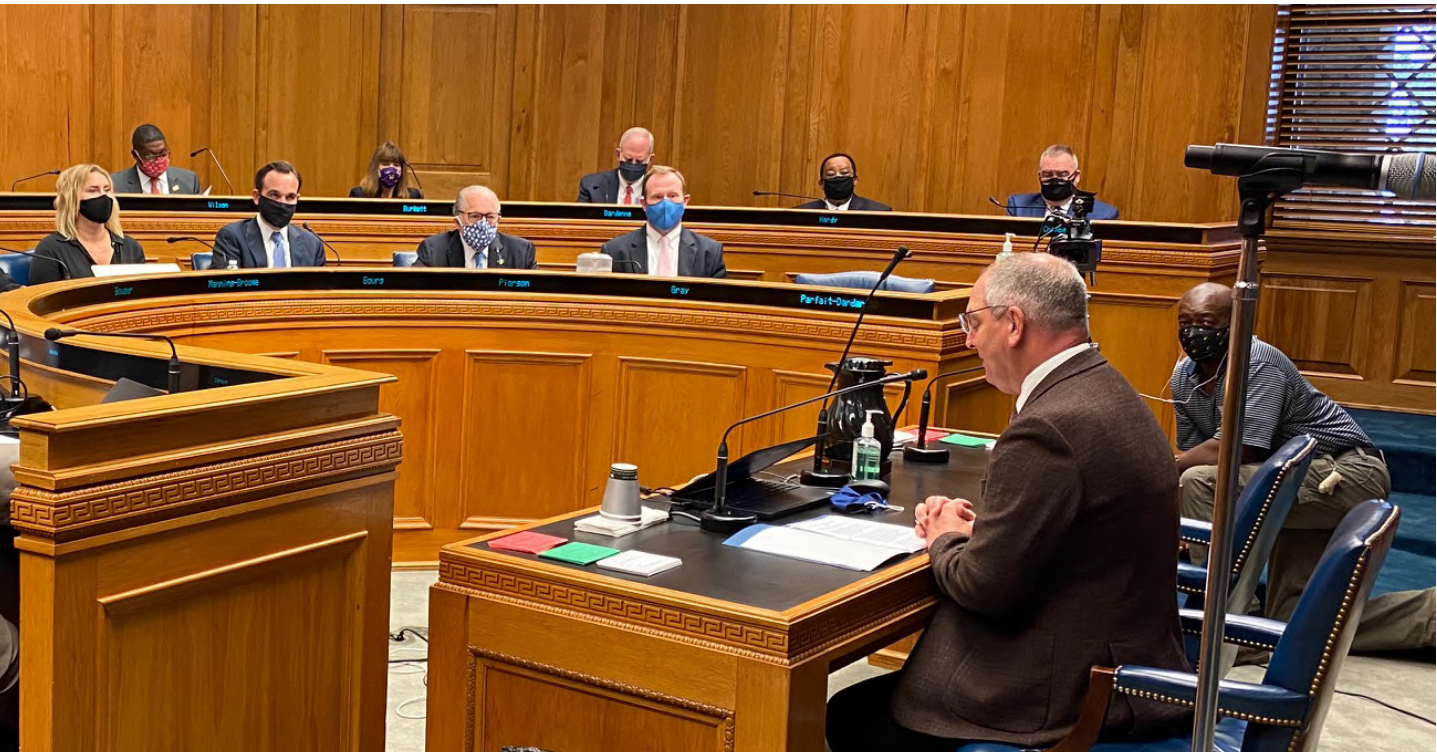


Supported by six committees and four advisory groups, the Climate Initiatives Task Force will investigate and recommend strategies and actions to reduce Louisiana's greenhouse gas emissions over the course of its nearly 18-month planning process. Prioritizing transparency, inclusivity, and a balanced, science-based approach, Louisiana's Climate Plan will examine not only how the state can do its part to reduce the greenhouse gases driving up global temperatures, but also evaluate how other essential goals can be met such as improving the quality of life, strengthening the economy and our workforce, conserving natural resources, creating a more equitable society, and better adapting to a changing climate.

The Task Force's Final Climate Plan will be submitted to the Governor by February of 2022 outlining how our state can meet the following Greenhouse Gas Emissions Reduction Goals :

- By 2025, reduce net greenhouse gas emissions by 26-28% of 2005 levels
- By 2030, reduce net greenhouse gas emissions by 40-50% of 2005 levels
- By 2050, reduce greenhouse gas emissions to net zero

Gov. John Bel Edwards attends a Climate Initiatives Task Force meeting







FISCAL YEAR 2022

PROJECTED CONSTRUCTION SCHEDULES

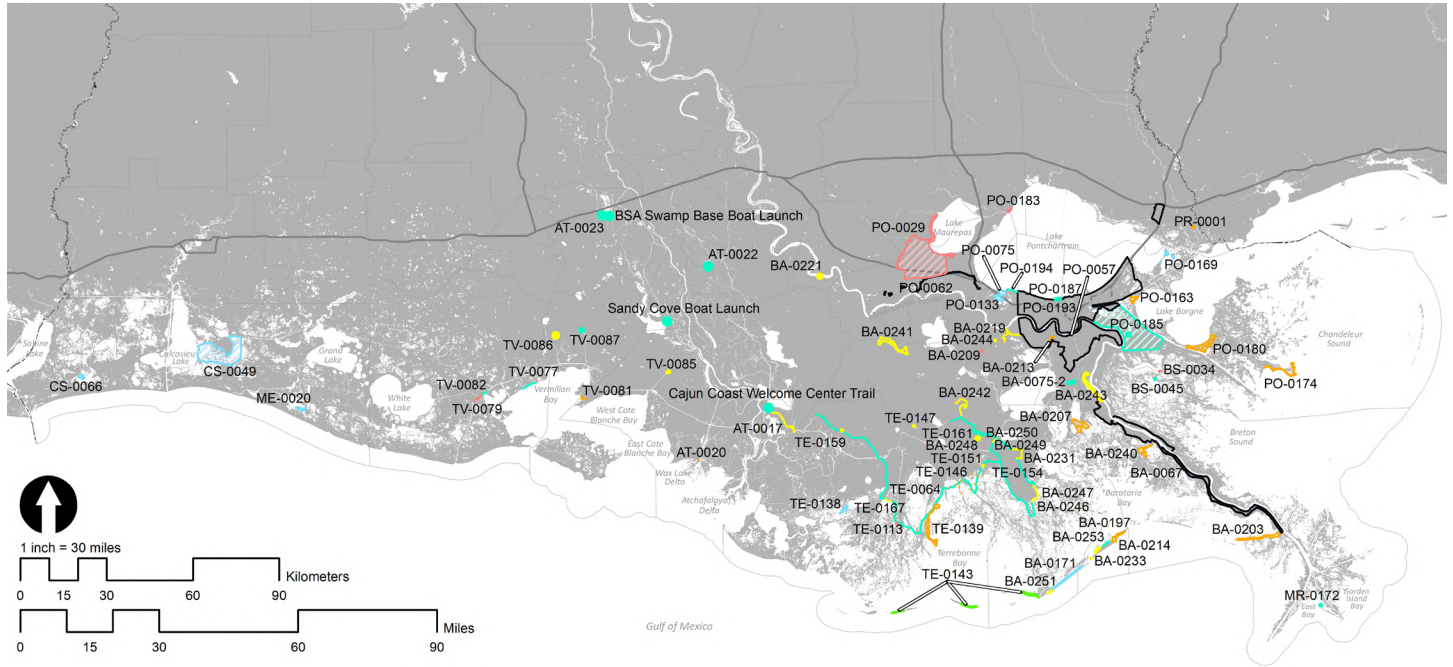


TABLE 1: PROJECTS SCHEDULED TO BE IN CONSTRUCTION IN FY 2022

ID	Project Name	Construction Start Date ¹	Construction Finish Date	Total Project Estimate
CWPPRA PHASE II PROJECTS				
BA-0171	Caminada Headlands Back Barrier Marsh Creation	12-Nov-19	3-Dec-21	\$32,284,094
CS-0049	Cameron-Creole Freshwater Introduction	04-Jun-19	29-Sep-21	\$26,776,735
CS-0066	Cameron Meadows Marsh Creation and Terracing	20-Feb-20	15-Feb-22	\$32,081,560
ME-0020	South Grand Chenier Marsh Creation Project	06-Oct-21	1-May-23	\$23,873,346
PO-0075	LaBranche East Marsh Creation	08-Dec-21	8-Sep-23	\$34,957,212
PO-0133	LaBranche Central Marsh Creation	07-Dec-21	12-Sep-23	\$43,409,208
PO-0169	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	16-Apr-21	21-Sep-22	\$25,446,125
TE-0138	Bayou DeCade Ridge and Marsh Creation	03-Jun-20	15-Mar-22	\$24,781,121
STATE-ONLY PROJECTS				
BA-0075-2	Rosethorne Tidal Protection	08-Jan-21	28-Feb-23	\$24,930,787
MR-0172	South Pass Bird Island Enhancement	11-Aug-21	24-Nov-21	\$1,405,000
PO-0185	St. Bernard Pump Station Repairs	09-Nov-21	13-May-22	\$4,000,000
TE-0064	Morganza to the Gulf	30-Nov-05	31-Dec-35	\$391,600,000
TE-0154	Larose to Golden Meadow System Improvements	08-May-19	30-Jun-22	\$5,600,000
TE-0161	North Lafourche Reach 2	30-Jun-21	31-Jul-22	\$3,000,000
TV-0077	North Vermillion Bay Shoreline Protection	10-Sep-21	10-Nov-22	\$7,900,000
TV-0082	Freshwater Bayou Shoreline Protection	28-Oct-21	30-Jan-23	\$3,671,432
AT-0022	East Grand Lake Upper Region	In Development	In Development	\$3,589,120
AT-0023	Henderson Lake Water Management Unit Spoil Bank Gapping	In Development	In Development	\$500,000
BA-0253	Grand Isle Back Levee	In Development	In Development	\$2,000,000
BS-0045	Bayou Terre Aux Boeuf Ridge Restoration Phase III	In Development	In Development	\$1,300,000
PO-0193	Jefferson Parish Bucktown Living Shoreline Project	In Development	In Development	\$2,000,000
PO-0194	LaBranche Shoreline Protection Project	In Development	In Development	\$1,000,000
TV-0087	Rodere Canal Water Control Structure	In Development	In Development	\$2,300,000
Not Avail.	Cajun Coast Welcome Center Trail	In Development	In Development	\$500,000
Not Avail.	Boy Scouts of America Swamp Base Boat Launch	In Development	In Development	\$500,000
Not Avail.	Sandy Cove Boat Launch	In Development	In Development	\$500,000
HSDRRS AND OTHER FEDERAL PROTECTION PROJECTS				
BA-0067	New Orleans to Venice	23-Nov-11	30-Jun-25	\$1,301,523,760
PO-0057	SELA - Overall	18-Feb-09	30-Jul-27	\$1,170,974,586
PO-0062	West Shore-Lake Pontchartrain	29-Mar-21	26-Feb-24	\$760,000,000
DEEPWATER HORIZON NRDA PROJECTS				
AT-0020	Atchafalaya Delta WMA Campground Improvements	17-Mar-20	8-Jul-21	\$4,207,807
BA-0197	West Grand Terre Beach Nourishment	19-Dec-19	23-Nov-21	\$102,009,216
BA-0203	Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment	16-Oct-20	21-Mar-23	\$100,290,142
BA-0207	Large-Scale Barataria Marsh Creation	18-May-21	19-Sep-23	\$181,380,000
BA-0213	Bayou Segnette State Park Improvements	02-Oct-20	4-Mar-22	\$2,126,724
BA-0214	Grand Isle State Park Improvements	12-Aug-19	21-Dec-22	\$6,126,967
BA-0240	Grande Cheniere Ridge Marsh Creation	20-Jul-21	18-Mar-24	\$65,000,000
PO-0163	Golden Triangle Marsh Creation	12-Feb-21	20-Mar-23	\$54,347,733
PO-0174	Biloxi Marsh Living Shoreline Project	25-Apr-21	2-Jan-24	\$69,820,460
PO-0180	Lake Borgne Marsh Creation - Increment One	19-Mar-21	27-Sep-24	\$114,642,153
PR-0001	Middle River Pearl River Wildlife Management Area Boat Launch	24-Mar-21	29-Sep-21	\$775,000
TE-0139	Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment	23-Dec-21	31-Dec-24	\$162,345,000
TE-0146	Pointe-aux-Chenes WMA Enhancement	22-Sep-20	12-Jul-21	\$5,000,000
TV-0081	Cypremort Point State Park Improvements	28-Oct-20	14-Jul-22	\$4,477,338

TABLE 1: PROJECTS SCHEDULED TO BE IN CONSTRUCTION IN FY 2021 (CONTINUED)

ID	Project Name	Construction Start Date ¹	Construction Finish Date	Total Project Estimate
NFWF PROJECTS				
TE-0143	Terrebonne Basin Barrier Island	18-Jun-19	17-Feb-22	\$167,753,594
RESTORE PROJECTS				
BA-0209	Paradis Canal Gate	21-Nov-19	16-Feb-22	\$5,367,874
BS-0034	Lake Lery Marsh Creation (Phase 2)	26-May-20	28-Jun-22	\$3,081,000
PO-0029	River Reintroduction into Maurepas Swamp	02-Mar-22	30-Aug-24	\$199,854,326
PO-0183	Manchac Landbridge (Rock Breakwater) Shoreline Protection	15-Oct-21	15-Dec-22	\$3,671,137
TE-0113	Houma Navigation Canal Lock Complex	24-May-21	3-Jun-24	\$357,784,732
TV-0079	Freshwater Bayou Canal Shoreline Protection	15-Mar-22	15-May-23	\$5,327,349
GOMESA PROJECTS				
AT-0017	Bayou Chene Floodgate	07-Jan-20	30-Sep-21	\$80,000,000
BA-0219	Davis Pond Upper Barataria Risk Reduction	10-Nov-21	14-Feb-23	\$6,500,000
BA-0221	Pumping Capacity Improvements Phase I	20-Aug-21	18-Jul-24	\$65,000,000
BA-0246	Section D Storm Surge and Risk Reduction	23-Mar-21	3-Jan-22	\$500,000
BA-0247	Section D South Floodwall	22-Dec-20	10-Nov-21	\$1,800,000
TE-0147	Hollywood Canal Closure Structure	13-Aug-21	15-Feb-23	\$6,792,000
TE-0151	Grand Bayou Floodgate	28-Feb-20	31-Aug-21	\$18,500,000
TE-0159	Elliot Jones Pump Station	17-May-21	25-Aug-22	\$12,715,005
BA-0231	Storm Surge Risk Reduction for Reach E-North	08-Apr-20	30-Jun-22	\$1,500,000
BA-0233	Grand Isle Bayside Segmented Breakwater (Phase IV)	In Development	In Development	\$2,150,000
BA-0241	Zeller Larousse Phase II levee improvements	In Development	In Development	\$1,000,000
BA-0242	Levee improvements for Gheens community Phase II	In Development	In Development	\$2,275,000
BA-0243	100-yr Levee Lift; NOV-NF-W-4, Oakville to LaReusitte and MRL 179	In Development	In Development	\$10,000,000
BA-0244	T-Wall Kellogg Pump Station	In Development	In Development	\$2,500,000
BA-0248	Ludevine Pump Station	In Development	In Development	\$2,800,000
BA-0249	Larose Floodwall	In Development	In Development	\$1,000,000
BA-0250	Section F Berm Improvement	In Development	In Development	\$1,000,000
BA-0251	Port Fourchon Shoreline Protection	In Development	In Development	\$2,000,000
PO-0187	Jefferson Parish Lakefront Shoreline Protection	In Development	In Development	\$2,000,000
TE-0167	MTG Reach E Levee Lift	In Development	In Development	\$1,000,000
TV-0085	Yokley Levee Extension	In Development	In Development	\$4,000,000
TV-0086	Jefferson Canal Flap Gate	In Development	In Development	\$2,596,000
1. Construction start date is defined as projected date for advertisement of construction bid notice; actual date of mobilization may vary.				

PROJECTED ACTIVE PROJECT SCHEDULES

TABLE 2: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE CWPPRA PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FQ 2022	2FQ 2022	3FQ 2022	4FQ 2022	1FQ 2023	2FQ 2023	3FQ 2023	4FQ 2023	1FQ 2024	2FQ 2024	3FQ 2024	4FQ 2024
CWPPRA PHASE I PROJECTS														
BA-0217	Grand Bayou Ridge and Marsh Creation	NOAA	D	D	W	W	W	W	W	W	W	W	W	W
BA-0206	Northeast Turtle Bay Marsh Creation & Critical Area Shoreline Protection	NRCS	D	D	W	W	W	W	W	W	W	W	W	W
BS-0038	Breton Landbridge Marsh Creation (West)	NOAA	D	D	W	W	W	W	W	W	W	W	W	W
CS-0081	Sabine Refuge Marsh Creation Cycles 6 & 7	USFWS	D	D	W	W	W	W	W	W	W	W	W	W
CS-0085	Long Point Bayou Marsh Creation	EPA	D	D	W	W	W	W	W	W	W	W	W	W
TE-0112	North Catfish Lake Marsh Creation	NRCS	D	D	W	W	W	W	W	W	W	W	W	W
TE-0117	Island Road Marsh Creation and Nourishment	NOAA	D	D	W	W	W	W	W	W	W	W	W	W
PO-0181	Bayou Cane Marsh Creation	USFWS	D	D	D	D	W	W	W	W	W	W	W	W
BS-0037	East Delacroix Marsh Creation and Terracing	NOAA	D	D	D	D	D	D	W	W	W	W	W	W
BS-0041	North Delacroix Marsh Creation and Terracing	NOAA	D	D	D	D	D	D	W	W	W	W	W	W
BS-0042	Phoenix Marsh Creation - East Increment	USFWS	D	D	D	D	D	D	W	W	W	W	W	W
BS-0044	Phoenix Marsh Creation - West Increment	USFWS	D	D	D	D	D	D	W	W	W	W	W	W
TE-0157	East Catfish Lake Marsh Creation and Shoreline Protection	USFWS	D	D	D	D	D	D	W	W	W	W	W	W
PO-0179	St. Catherine Island Marsh Creation and Shoreline Protection	USFWS	D	D	D	D	D	D	D	W	W	W	W	W
ME-0032	South Grand Chenier Marsh Creation - Baker Tract	NRCS	D	D	D	D	D	D	D	D	W	W	W	W
BS-0043	Reggio Marsh Creation and Hydrologic Restoration	EPA	D	D	D	D	D	D	D	D	D	D	W	W
PO-0173	Fritchie Marsh Creation and Terracing	NOAA	D	D	D	D	D	D	D	D	D	D	W	W
TE-0156	Bay Raccourci Marsh Creation and Ridge Restoration	USFWS	D	D	D	D	D	D	D	D	D	D	D	W
TE-0166	Bay Raccourci Marsh Creation Increment 2	USFWS	D	D	D	D	D	D	D	D	D	D	D	W
BA-0194	East Leeville Marsh Creation and Nourishment	NOAA	W	W	W	W	W	W	W	W	W	W	W	W
BA-0195	Barataria Bay Rim Marsh Creation and Nourishment	NRCS	W	W	W	W	W	W	W	W	W	W	W	W
BS-0024	Terracing and Marsh Creation South of Big Mar	USFWS	W	W	W	W	W	W	W	W	W	W	W	W
CS-0078	No Name Bayou Marsh Creation & Nourishment	NOAA	W	W	W	W	W	W	W	W	W	W	W	W
CS-0079	Oyster Lake Marsh Creation and Nourishment	NOAA	W	W	W	W	W	W	W	W	W	W	W	W
ME-0031	Freshwater Bayou Marsh Creation (CWPPRA)	NRCS	W	W	W	W	W	W	W	W	W	W	W	W
PO-0034	Alligator Bend Marsh Restoration and Shoreline Protection	NRCS	W	W	W	W	W	W	W	W	W	W	W	W
PO-0178	Bayou La Loutre Ridge Restoration and Marsh Creation	NRCS	W	W	W	W	W	W	W	W	W	W	W	W
CWPPRA PHASE II PROJECTS														
CS-0049	Cameron-Creole Freshwater Introduction	NRCS	C	F										
BA-0171	Caminada Headland Back Barrier Marsh Creation	EPA	C	F										
CS-0066	Cameron Meadows Marsh Creation and Terracing	NOAA	C	C	F									
TE-0138	Bayou DeCade Ridge and Marsh Creation	NOAA	C	C	C	F								
PO-0169	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	USFWS	C	C	C	C	F							
ME-0020	South Grand Chenier Marsh Creation Project	USFWS	C	C	C	C	C	C	C	F				
PO-0075	LaBranche East Marsh Creation	NRCS	C	C	C	C	C	C	C	C	F			
PO-0133	LaBranche Central Marsh Creation	NRCS	D	D	C	C	C	C	C	C	C	F		
TE-0134	West Fourchon Marsh Creation	NOAA	D	D	D	D	D	C	C	C	C	C	F	
BS-0032	Mid Breton Land Bridge Marsh Creation & Terracing	USFWS	D	D	D	D	D	B	C	C	C	C	C	F

P Feasibility & Planning
 W Awaiting Additional Funding for Implementation
 F Construction Complete
 D Engineering & Design
 C Construction
 B Both Design & Construction
 I Program Implementation

TABLE 3: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE WRDA PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FQ 2022	2FQ 2022	3FQ 2022	4FQ 2022	1FQ 2023	2FQ 2023	3FQ 2023	4FQ 2023	1FQ 2024	2FQ 2024	3FQ 2024	4FQ 2024
OTHER WRDA PROJECTS														
LA-0020	Southwest Coastal Louisiana ¹	USACE	D	D	D	D	D	D	W	W	W	W	W	W

1. Project partially funded by Surplus funds.

TABLE 4: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE STATE-ONLY PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FQ 2022	2FQ 2022	3FQ 2022	4FQ 2022	1FQ 2023	2FQ 2023	3FQ 2023	4FQ 2023	1FQ 2024	2FQ 2024	3FQ 2024	4FQ 2024
STATE SURPLUS PROJECTS (2007, 2008, 2009)														
MR-0172	South Pass Bird Enhancement	N/A	B	F										
TE-0154	Larose to Golden Meadow System Improvements	N/A	C	C	C	F								
TE-0161	North Lafourche Reach 2	N/A	C	C	C	C	F							
PO-0185	St. Bernard Pump Station Repairs	N/A	D	B	C	F								
TV-0077	North Vermilion Bay Shoreline Protection ¹	N/A	D	C	C	C	C	F						
TV-0082	Freshwater Bayou Shoreline Protection	N/A	D	C	C	C	C	C	F					
BA-0075-2	Rosethorne Tidal Protection ^{1,2}	N/A	B	C	C	C	C	C	C	F				
TE-0064	Morganza to the Gulf ^{1,2}	USACE	C	C	C	C	C	C	C	C	C	C	C	C
PO-0167	St. Tammany Parish Coastal Protection Study	N/A	P	P	P									
BA-0253	Grand Isle Back Levee ³	N/A												
BS-0045	Bayou Terre Aux Boeuf Ridge Restoration Phase III ³	N/A												
PO-0193	Jefferson Parish Bucktown Living Shoreline Project ³	N/A												
PO-0194	LaBranche Shoreline Protection Project ³	N/A												
PO-0195	Manchac Landbridge Shoreline Protection ³	N/A												
TE-0168	St. Mary Back Lakeside Flood Protection ³	N/A												
TE-0169	Mauvais Bois Ridge Restoration ³	N/A												
TV-0087	Rodere Canal Water Control Structure ³	N/A												
TV-0088	East Rainey Marsh Creation ³	N/A												
CAPITAL OUTLAY PROJECTS														
AT-0022	East Grand Lake Upper Region ⁴	N/A	D	D	C	C	C	F						
AT-0023	Henderson Lake Water Management Unit Spoil Bank Gapping ⁴	N/A	D	D	C	C	C	F						
N/A	Cajun Coast Welcome Center Trail ⁴	N/A	D	D	C	C	C	F						
N/A	Boy Scouts of America Swamp Base Boat Launch ⁴	N/A	D	D	C	C	C	F						
N/A	Sandy Cove Boat Launch ⁴	N/A	D	D	C	C	C	F						
N/A	Murphy Lake Depth Restoration ⁴	N/A	D	D	D	D	D	D	C	C	C	F		
N/A	Buffalo Cove Water Management ⁴	N/A	D	D	D	D	D	D	C	C	C	F		
PO-0192	Union Diversion	N/A	P	P	P	P								
TE-0142	Flat Lake Study ⁴	N/A	P	P	P	P								
N/A	Atchafalaya GeoTrail ⁴	N/A	I	I	I	I	I	I	I	I	I	I	I	I

1. Project partially funded by GOMESA funds.
 2. Project partially funded by GOMESA and Capital Outlay funds.
 3. Project proposed for 2020 Surplus funding subject to legislative approval; project schedules under development.
 4. Project implemented through the Atchafalaya Basin Program.

P Feasibility & Planning
 W Awaiting Additional Funding for Implementation
 F Construction Complete
 D Engineering & Design
 C Construction
 B Both Design & Construction
 I Program Implementation

TABLE 5: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE HSDRRS & OTHER FEDERAL PROTECTION PROJECTS (FY 2022 - 2024)¹

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FQ 2022	2FQ 2022	3FQ 2022	4FQ 2022	1FQ 2023	2FQ 2023	3FQ 2023	4FQ 2023	1FQ 2024	2FQ 2024	3FQ 2024	4FQ 2024
PO-0062	West Shore-Lake Pontchartrain, Louisiana Hurricane Protection ^{1,2,3}	USACE	B	B	C	C	C	C	C	C	C	C	F	
BA-0067	New Orleans to Venice ^{1,2,3,4}	USACE	C	C	C	C	C	C	C	C	C	C	C	C
PO-0057	SELA - Overall ^{1,3,4}	USACE	C	C	C	C	C	C	C	C	C	C	C	C
BA-0158	New Orleans to Venice Mitigation - Plaquemines Non-Federal ^{3,4}	USACE	D	D	D	D	C	C	C	C	C	C	C	C
BA-0159	New Orleans to Venice Mitigation - Federal ^{3,4}	USACE	D	D	D	D	C	C	C	C	C	C	C	C
BA-0211	Upper Barataria Basin Flood Management	USACE	P	P	P	P	P							
BA-0212	WBV Risk Reduction	USACE	P	P	P	P	P							
PO-0182	LPV Risk Reduction	USACE	P	P	P	P	P							
TV-0054	South Central Coastal Plan	USACE	P	P	P	P	P							

1. OM&M duties are the responsibility of the local sponsor.
 2. Project partially funded by GOMESA funds.
 3. Schedule based on USACE estimates.
 4. State expenditures may be covered with Surplus allocation for HSDRRS LERRDS.

P Feasibility & Planning
 W Awaiting Additional Funding for Implementation
 F Construction Complete
 D Engineering & Design
 C Construction
 B Both Design & Construction
 I Program Implementation

TABLE 6: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE GOMESA PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FO 2022	2FO 2022	3FO 2022	4FO 2022	1FO 2023	2FO 2023	3FO 2023	4FO 2023	1FO 2024	2FO 2024	3FO 2024	4FO 2024
TE-0151	Grand Bayou Floodgate	BOEM	F											
BA-0247	Floodwall Improvement for Section D-South at Crawfish Farm	BOEM	C	F										
AT-0017	Bayou Chene Floodgate	BOEM	C	F										
BA-0246	Section D Storm Surge Risk Reduction	BOEM	C	C	F									
BA-0244	T-Wall Kellogg Pump Station	BOEM	C	C	C	F								
BA-0231	Storm Surge Risk Reduction for Reach E-North (SLLD)	N/A	C	C	C	F								
TE-0159	Elliot Jones Pump Station	BOEM	C	C	C	C	F							
BA-0243	100-yr Levee Lift; NOV-NF-W-4, Oakville to LaReusitte and MRL 179	BOEM	C	C	C	C	C	C	F					
TE-0147	Hollywood Canal Closure Structure	BOEM	C	C	C	C	C	C	F					
BA-0221	Pumping Capacity Improvements Phase 1	BOEM	C	C	C	C	C	C	C	C	C	C	C	C
BA-0219	Davis Pond Upper Barataria Risk Reduction	BOEM	D	B	C	C	C	C	F					
BA-0251	Port Fourchon Shoreline Protection ¹	BOEM	D	D	D	C	C	C	C	F				
BA-0220	Sunset Levee Upper Barataria Risk Reduction (UBRR)	BOEM	D	D	D									
PO-0184	St. Tammany Storm Surge Risk Reduction	BOEM	D	D	D	D	D							
BA-0233	Grand Isle Bayside Segmented Breakwater (Phase IV) ¹	BOEM												
BA-0241	Zeller Larousse Phase II Levee Improvements ¹	BOEM												
BA-0242	Levee Improvements for Gheens Community Phase 2 ¹	BOEM												
BA-0248	Ludevine Pump Station ¹	BOEM												
BA-0249	Larose Floodwall ¹	BOEM												
BA-0250	Section F Berm Improvement ¹	BOEM												
BS-0033	East Bank Sediment Transport Corridor ¹	BOEM												
PO-0187	Jefferson Parish Lakefront Shoreline Protection ¹	BOEM												
TE-0167	MTG Reach E Levee Lift ¹	BOEM												
TV-0085	Yokley Levee Extension ¹	BOEM												
TV-0086	Jefferson Canal Flap Gate ¹	BOEM												

1. Project newly proposed for GOMESA funding; tentative schedule presented; final schedule under developed.

TABLE 7: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE CDBG PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FO 2022	2FO 2022	3FO 2022	4FO 2022	1FO 2023	2FO 2023	3FO 2023	4FO 2023	1FO 2024	2FO 2024	3FO 2024	4FO 2024
LA-0290	Statewide Floodplain Management (Watershed Initiative)	HUD	I	I	I	I	I	I	I	I	I	I	I	I

P Feasibility & Planning
 W Awaiting Additional Funding for Implementation
 F Construction Complete
 D Engineering & Design
 C Construction
 B Both Design & Construction
 I Program Implementation

TABLE 8: PROJECTED THREE-YEAR SCHEDULES FOR ACTIVE AND PROPOSED OIL SPILL PROJECTS (FY 2022 - 2024)

ID	Project Name	Federal Sponsor	2021		2022				2023				2024	
			1FQ 2022	2FQ 2022	3FQ 2022	4FQ 2022	1FQ 2023	2FQ 2023	3FQ 2023	4FQ 2023	1FQ 2024	2FQ 2024	3FQ 2024	4FQ 2024
DEEPWATER HORIZON NRDA PROJECTS														
AT-0020	Atchafalaya Delta WMA Campground Improvements	N/A	F											
PR-0001	Middle Pearl River WMA Boat Launch	N/A	F											
TE-0146	Pointe-aux-Chenes WMA Enhancement	N/A	F											
BA-0197	West Grand Terre Beach Nourishment and Stabilization	N/A	C	C	F									
BA-0213	Bayou Segnette State Park Improvements	N/A	C	C	F									
TV-0081	Cypremort Point State Park Improvements	N/A	C	C	C	C	F							
BA-0214	Grand Isle State Park Improvements	N/A	C	C	C	C	C	F						
PO-0163	Golden Triangle Marsh Creation ¹	N/A	C	C	C	C	C	C	F					
BA-0203	Barataria Basin Ridge and Marsh Restoration - Spanish Pass Increment	N/A	C	C	C	C	C	C	F					
BA-0207	Large-Scale Barataria Marsh Creation	N/A	C	C	C	C	C	C	C	F				
BA-0240	Grande Cheniere Ridge Marsh Creation	N/A	C	C	C	C	C	C	C	C	C	F		
PO-0174	Biloxi Marsh Living Shoreline Project ¹	N/A	C	C	C	C	C	C	C	C	C	F		
PO-0180	Lake Borgne Marsh Creation - Increment 1	N/A	C	C	C	C	C	C	C	C	C	C	C	
TE-0139	Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment	N/A	D	D	C	C	C	C	C	C	C	C	C	C
PO-0190	Isle-au-Pitre Island Restoration	N/A	D	D	D	D	D	D	C	C	C	C	C	C
TE-0165	Terrebonne HNC Island Restoration	N/A	D	D	D	D	D	D	D	C	C	C	C	C
MR-0173	Bird's Foot Delta Hydrologic Restoration	N/A	D	D	D	D	D	D	D	D	D	D	D	C
Not Avail.	Barrier Island Restoration - Breton Sound ²	N/A	W	W	W	W	W	W	W	W	W	W	W	W
Not Avail.	Barrier Island Restoration - Terrebonne Basin ²	N/A	W	W	W	W	W	W	W	W	W	W	W	W
Not Avail.	Large-Scale Marsh Creation - Pontchartrain Basin ²	N/A	W	W	W	W	W	W	W	W	W	W	W	W
NFWF PROJECTS														
TE-0143	Terrebonne Basin Barrier Island and Beach Nourishment	N/A	C	C	F									
TE-0110	Increase Atchafalaya Flow to Eastern Terrebonne	N/A	D	D	D	D	D	D	W	W	W	W	W	W
BA-0153	Mid-Barataria Sediment Diversion	N/A	D	D	D	D	D	D	D	W	W	W	W	W
BS-0030	Mid-Breton Sediment Diversion	N/A	D	D	D	D	D	D	D	D	D	D	D	D
LA-0276	Sediment Diversion Implementation and Program Management	N/A	I	I	I	I	I	I	I					
RESTORE PROJECTS														
BA-0209	Paradis Canal Gate ²	N/A	C	C	F									
BS-0034	Lake Lery Marsh Creation (Phase 2) ²	N/A	C	C	C	F								
PO-0183	Manchac Landbridge (Rock Breakwater) Shoreline Protection ²	N/A	D	D	C	C	C	F						
TE-0113	Houma Navigation Canal Lock Complex	N/A	C	C	C	C	C	C	C	C	C	C	F	
PO-0029	River Reintroduction into Maurepas Swamp	N/A	D	D	B	B	B	C	C	C	C	C	C	C
TV-0079	Freshwater Bayou Canal Shoreline Protection ²	N/A	D	D	D	C	C	C	C	F				
ME-0035	Rockefeller Shoreline Protection - RESTORE Parish Matching ²	N/A	D	D	D	D	C	C	C	F				
CS-0087	Calcasieu-Sabine Large-Scale Marsh Creation and Hydrologic Restoration	N/A	D	D	D	D	D	D	D	D	B	B	B	
TE-0145	Grand Bayou Freshwater Reintroduction ²	N/A	D	D	D									
MR-0168	Lowermost Mississippi River Management Program	N/A	P	P	P	P								
1. Project funded for design through RESTORE. 2. Project received RESTORE Parish Match funding.														

FY 2022 ANNUAL PLAN

P Feasibility & Planning
 W Awaiting Additional Funding for Implementation
 F Construction Complete
 D Engineering & Design
 C Construction
 B Both Design & Construction
 I Program Implementation

MAP 2: ACTIVE PROJECTS IN FY 2022 - SOUTHWEST REGION

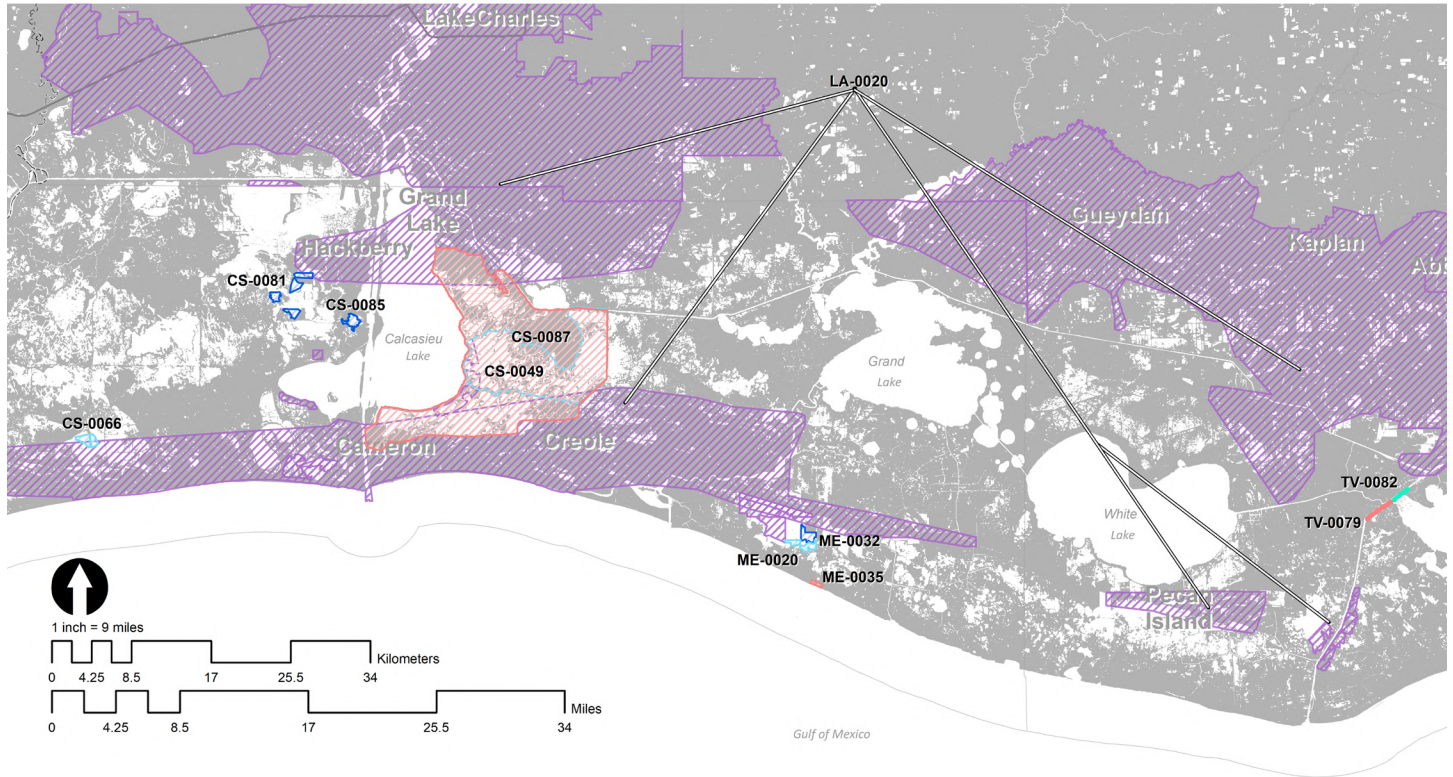


TABLE 9: ACTIVE PROJECTS IN FY 2022 - SOUTHWEST REGION

ID	Project Name	Active Phase FY 2022	Total Project Value
CWPPRA PHASE I PROJECTS			
CS-0081	Sabine Refuge Marsh Creation Cycles 6 & 7	E&D	\$13,759,428
CS-0085	Long Point Bayou Marsh Creation	E&D	\$11,943,904
ME-0032	South Grand Chenier Marsh Creation - Baker Tract	E&D	\$26,691,833
CWPPRA PHASE II PROJECTS			
CS-0049	Cameron-Creole Freshwater Introduction	CON	\$26,776,735
CS-0066	Cameron Meadows Marsh Creation and Terracing	CON	\$32,081,560
ME-0020	South Grand Chenier Marsh Creation Project	CON	\$23,873,346
STATE-ONLY PROJECTS			
TV-0082	Freshwater Bayou Shoreline Protection	CON	\$3,671,432
WRDA PROJECTS			
LA-0020	Southwest Coastal Louisiana ²	E&D	\$3,392,226,000
RESTORE PROJECTS			
CS-0087	Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration	E&D	\$263,936,388
ME-0035	Rockefeller Shoreline Protection - RESTORE Parish Matching	E&D	\$8,848,575
TV-0079	Freshwater Bayou Canal Shoreline Protection	CON	\$5,327,349

MAP 3: ACTIVE PROJECTS IN FY 2022 - SOUTH CENTRAL REGION

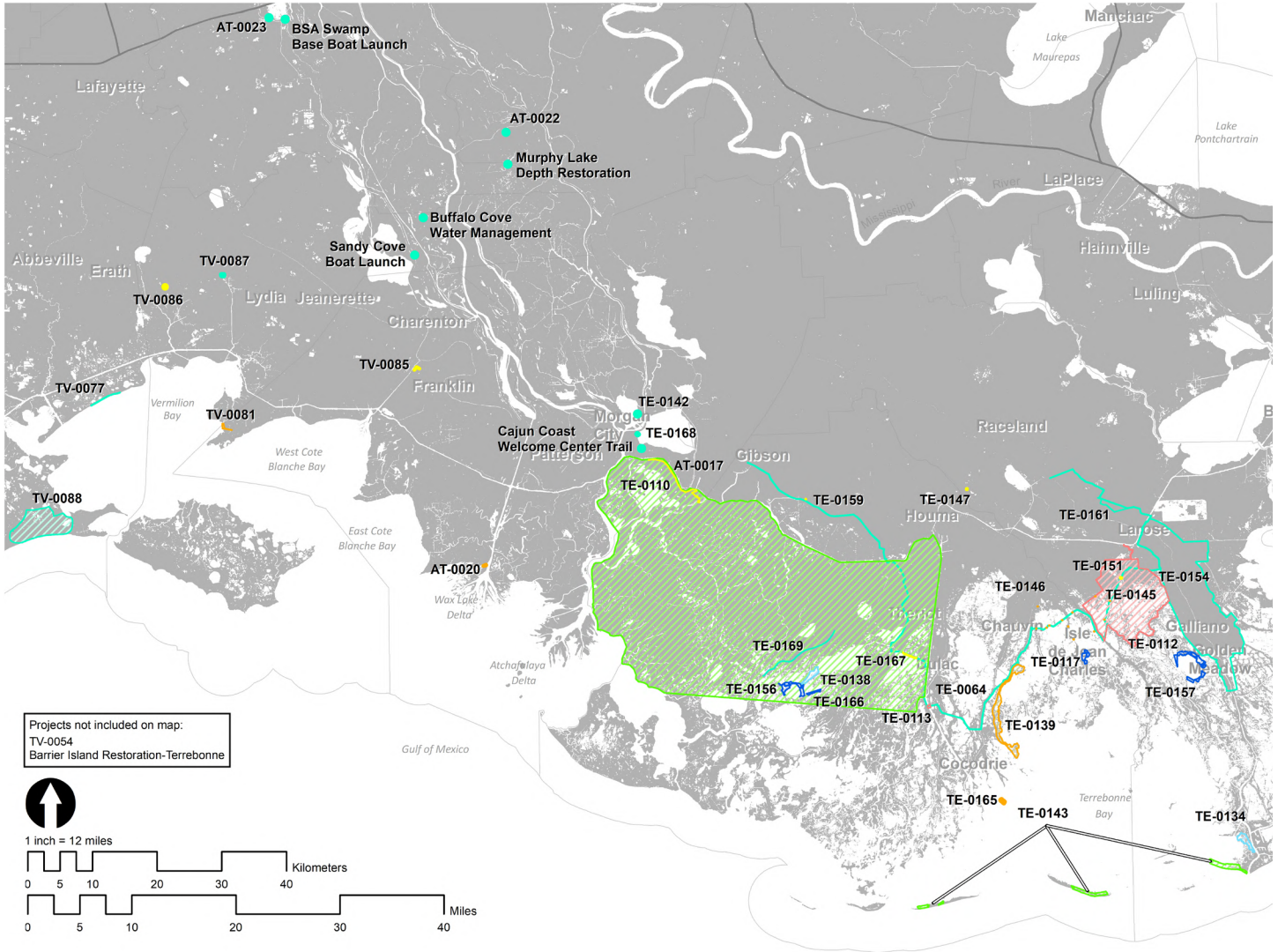


TABLE 10: ACTIVE PROJECTS IN FY 2022 - SOUTH CENTRAL REGION

ID	Project Name	Active Phase FY 2022	Total Project Value
CWPPRA PHASE I PROJECTS			
TE-0112	North Catfish Lake Marsh Creation	E&D	\$31,635,887
TE-0117	Island Road Marsh Creation and Nourishment	E&D	\$40,435,267
TE-0156	Bay Raccourci Marsh Creation and Ridge Restoration	E&D	\$39,837,121
TE-0157	East Catfish Lake Marsh Creation and Shoreline Protection	E&D	\$42,277,142
TE-0166	Bay Raccourci Marsh Creation Increment 2	E&D	\$29,481,022
CWPPRA PHASE II PROJECTS			
TE-0134	West Fourchon Marsh Creation	E&D	\$30,655,764
TE-0138	Bayou DeCade Ridge and Marsh Creation	CON	\$24,781,121
STATE-ONLY PROJECTS			
AT-0022	East Grand Lake Upper Region	CON	\$3,589,120
AT-0023	Henderson Lake Water Management Unit Spoil Bank Gapping	CON	\$500,000
N/A	Cajun Coast Welcome Center Trail	CON	\$500,000
N/A	Boy Scouts of America Swamp Base Boat Launch	CON	\$500,000
N/A	Sandy Cove Boat Launch	CON	\$500,000
N/A	Murphy Lake Depth Restoration	E&D	\$300,000
N/A	Buffalo Cove Water Management	E&D	\$300,000
TE-0064	Morganza to the Gulf	CON	\$391,600,000
TE-0142	Flat Lake Study	PLN	\$300,000
TE-0154	Larose to Golden Meadow System Improvements	CON	\$5,600,000
TE-0161	North Lafourche Reach 2	CON	\$3,000,000
TE-0168	St. Mary Back Lakeside Flood Protection	E&D	\$25,700,000
TE-0169	Mauvais Bois Ridge Restoration	E&D	\$8,000,000
TV-0077	North Vermilion Bay Shoreline Protection	CON	\$7,900,000
TV-0087	Rodere Canal Water Control Structure	CON	\$2,300,000
TV-0088	East Rainey Marsh Creation	E&D	\$2,000,000
HSDRRS AND OTHER FEDERAL PROTECTION PROJECTS			
TV-0054	South Central Coastal Plan	PLN	\$3,000,000
DEEPWATER HORIZON NRDA PROJECTS			
AT-0020	Atchafalaya Delta WMA Campground Improvements	CON	\$4,207,807
TE-0139	Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment	CON	\$162,345,000
TE-0146	Pointe-aux-Chenes WMA Enhancement	CON	\$5,000,000
TE-0165	Terrebonne HNC Island Restoration	E&D	\$17,862,000
TV-0081	Cypremort Point State Park Improvements	CON	\$4,477,338
Not Avail.	Barrier Island Restoration - Terrebonne Basin	E&D	Not Avail.
NFWF PROJECTS			
TE-0110	Increase Atchafalaya Flow to Eastern Terrebonne	E&D	\$415,215,000
TE-0143	Terrebonne Basin Barrier Island and Beach Nourishment	CON	\$167,753,594
RESTORE PROJECTS			
TE-0113	Houma Navigation Canal Lock Complex	CON	\$357,784,732
TE-0145	Grand Bayou Freshwater Reintroduction	E&D	\$874,533

MAP 3: ACTIVE PROJECTS IN FY 2022 - SOUTH CENTRAL REGION

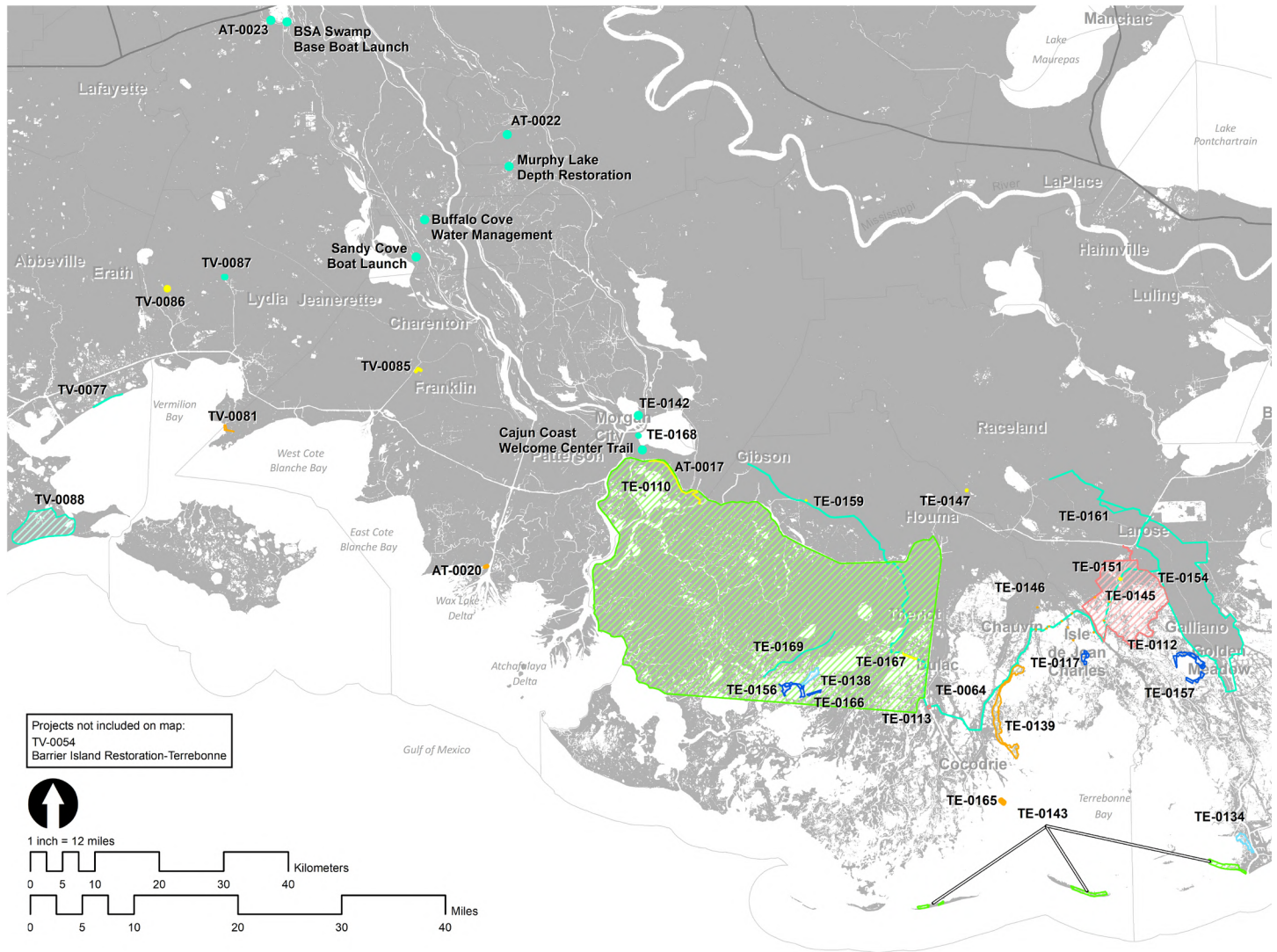


TABLE 10: ACTIVE PROJECTS IN FY 2022 - SOUTH CENTRAL REGION (CONTINUED)

ID	Project Name	Active Phase FY 2022	Total Project Value
GOMESA PROJECTS			
AT-0017	Bayou Chene Floodgate	CON	\$80,000,000
TE-0147	Hollywood Canal Closure Structure	CON	\$6,792,000
TE-0151	Grand Bayou Floodgate	CON	\$18,500,000
TE-0159	Elliot Jones Pump Station	CON	\$12,715,005
TE-0167	MTG Reach E Levee Lift	CON	\$1,000,000
TV-0085	Yokley Levee Extension	CON	\$4,000,000
TV-0086	Jefferson Canal Flap Gate	CON	\$2,596,000

MAP 4: ACTIVE PROJECTS IN FY 2022 - SOUTHEAST REGION

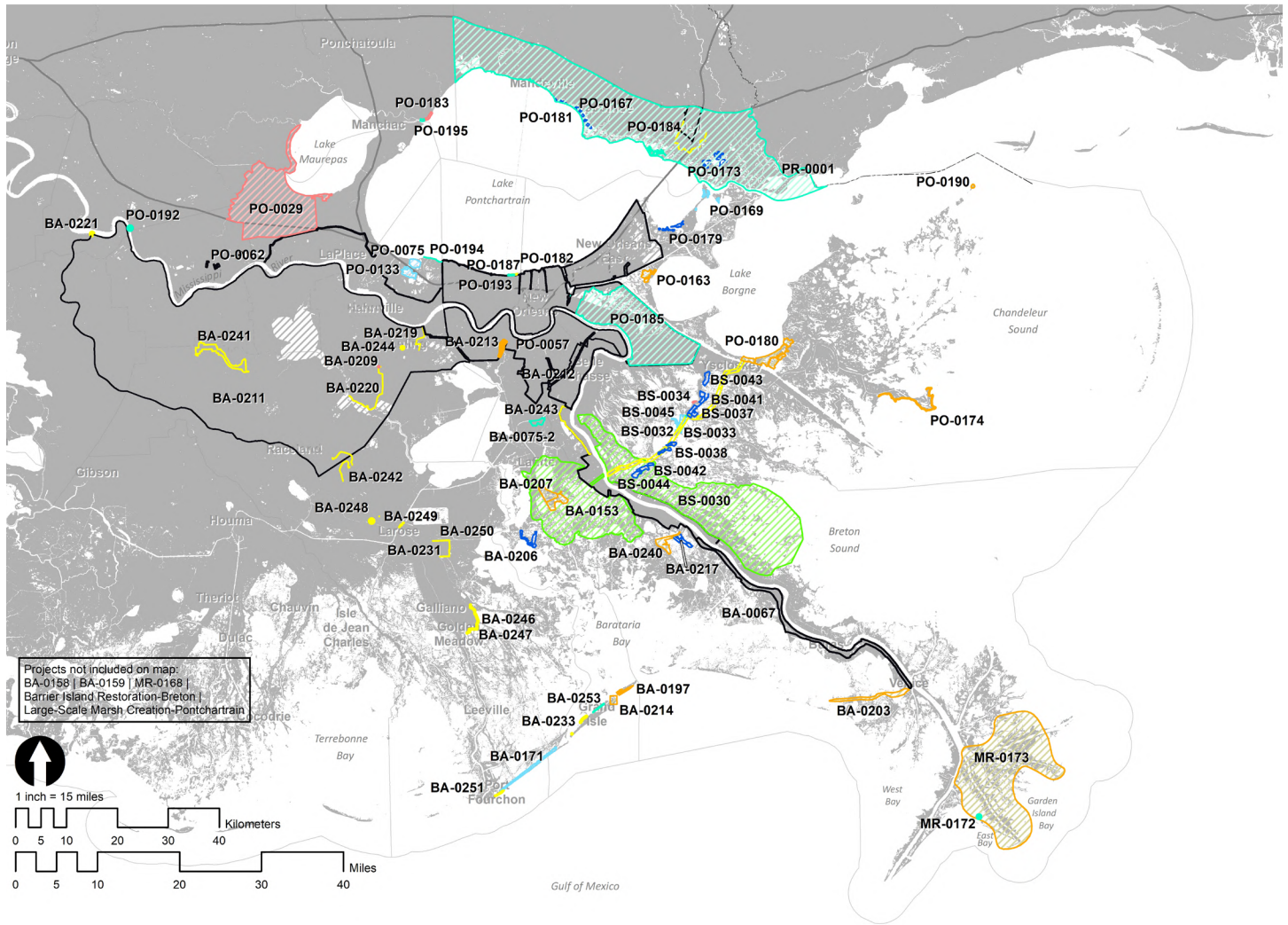


TABLE 11: ACTIVE PROJECTS IN FY 2022 - SOUTHEAST REGION

ID	Project Name	Active Phase FY 2022	Total Project Value
CWPPRA PHASE I PROJECTS			
BA-0206	Northeast Turtle Bay Marsh Creation & Critical Area Shoreline Protection	E&D	\$43,482,092
BA-0217	Grand Bayou Ridge and Marsh Creation	E&D	\$40,235,427
BS-0037	East Delacroix Marsh Creation and Terracing	E&D	\$37,816,133
BS-0038	Breton Landbridge Marsh Creation (West)	E&D	\$36,413,043
BS-0041	North Delacroix Marsh Creation and Terracing	E&D	\$35,521,865
BS-0042	Phoenix Marsh Creation - East Increment	E&D	\$33,901,557
BS-0043	Reggio Marsh Creation and Hydrologic Restoration	E&D	\$33,638,138
BS-0044	Phoenix Marsh Creation - West Increment	E&D	\$39,676,193
PO-0173	Fritchie Marsh Creation and Terracing	E&D	\$29,867,440
PO-0179	St. Catherine Island Marsh Creation and Shoreline Protection	E&D	\$25,324,715
PO-0181	Bayou Cane Marsh Creation	E&D	\$31,600,635
CWPPRA PHASE II PROJECTS			
BA-0171	Caminada Headland Back Barrier Marsh Creation	CON	\$32,284,094
BS-0032	Mid Breton Land Bridge Marsh Creation & Terracing	E&D	\$40,822,269
PO-0075	LaBranche East Marsh Creation	CON	\$34,957,212
PO-0133	LaBranche Central Marsh Creation	CON	\$43,409,208
PO-0169	New Orleans Landbridge Shoreline Stabilization & Marsh Creation	CON	\$25,446,125
STATE-ONLY PROJECTS			
BA-0075-2	Rosethorne Tidal Protection	CON	\$24,930,787
BA-0253	Grand Isle Back Levee	CON	\$2,000,000
BS-0045	Bayou Terre Aux Boeuf Ridge Restoration Phase III	CON	\$1,300,000
MR-0172	South Pass Bird Enhancement	CON	\$1,405,000
PO-0167	St. Tammany Parish Coastal Protection Study	PLN	\$2,000,000
PO-0185	St. Bernard Pump Station Repairs	CON	\$4,000,000
PO-0192	Union Diversion	PLN	\$876,700,000
PO-0193	Jefferson Parish Bucktown Living Shoreline Project	CON	\$2,000,000
PO-0194	LaBranche Shoreline Protection Project	CON	\$1,000,000
PO-0195	Manchac Landbridge Shoreline Protection	E&D	\$2,000,000
HSDRRS AND OTHER FEDERAL PROTECTION PROJECTS			
BA-0067	New Orleans to Venice	CON	\$1,301,523,760
BA-0158	New Orleans to Venice Mitigation - Plaquemines Non-Federal	E&D	\$14,500,000
BA-0159	New Orleans to Venice Mitigation - Federal	E&D	\$30,000,000
BA-0211	Upper Barataria Basin Flood Management	PLN	\$3,000,000
BA-0212	WBV Risk Reduction	PLN	\$3,000,000
PO-0057	SELA - Overall	CON	\$1,170,974,586
PO-0062	West Shore-Lake Pontchartrain, Louisiana Hurricane Protection	CON	\$760,000,000
PO-0182	LPV Risk Reduction	PLN	\$3,000,000
DEEPWATER HORIZON NRDA PROJECTS			
BA-0197	West Grand Terre Beach Nourishment and Stabilization	CON	\$102,009,216
BA-0203	Barataria Basin Ridge and Marsh Restoration - Spanish Pass Increment	CON	\$100,290,142

MAP 4: ACTIVE PROJECTS IN FY 2022 - SOUTHEAST REGION

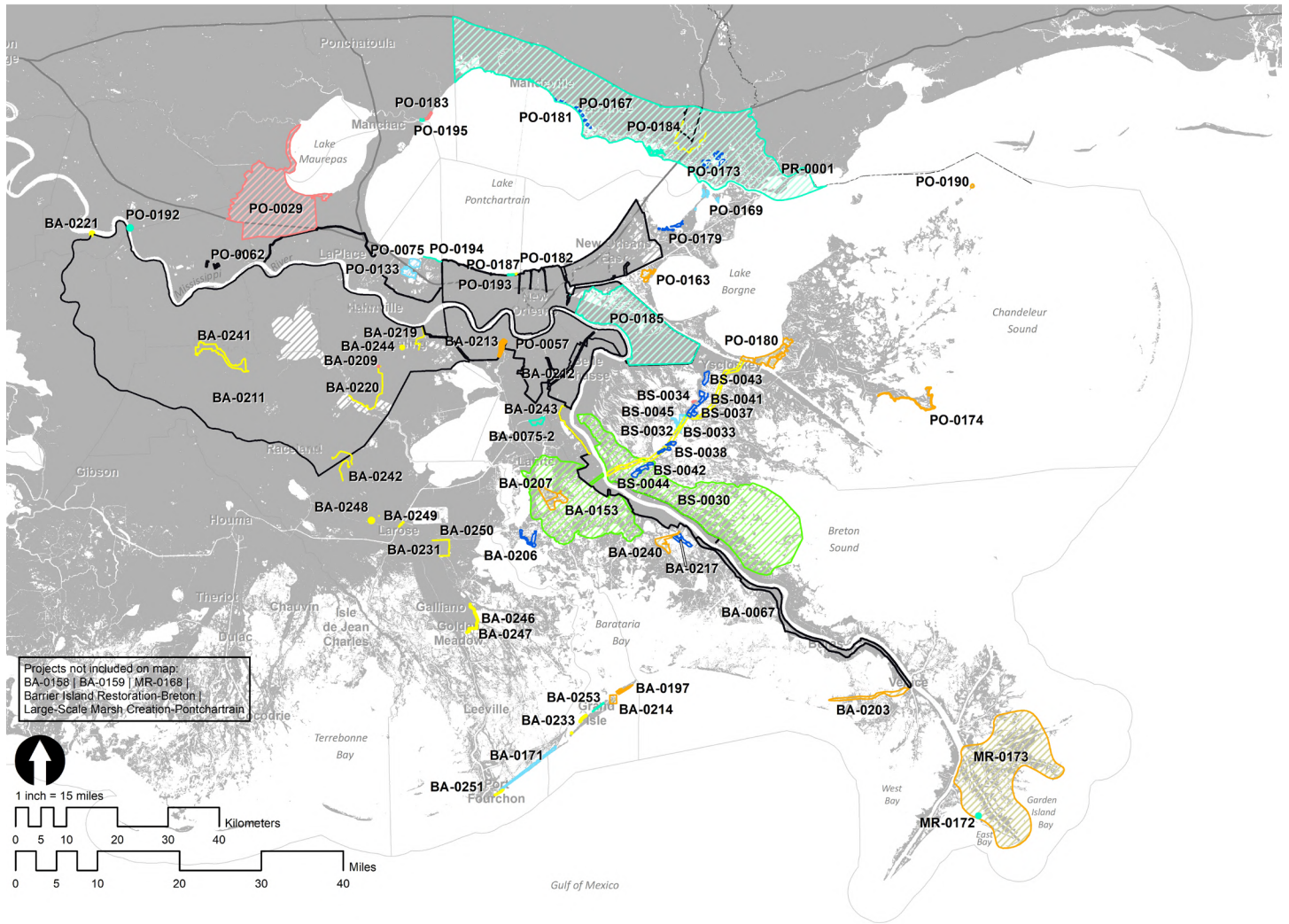


TABLE 11: ACTIVE PROJECTS IN FY 2022 - SOUTHEAST REGION (CONTINUED)

ID	Project Name	Active Phase FY 2022	Total Project Value
BA-0207	Large-Scale Barataria Marsh Creation	CON	\$181,380,000
BA-0213	Bayou Segnette State Park Improvements	CON	\$2,126,724
BA-0214	Grand Isle State Park Improvements	CON	\$6,126,967
BA-0240	Grande Cheniere Ridge Marsh Creation	CON	\$65,000,000
MR-0173	Bird's Foot Delta Hydrologic Restoration	E&D	\$165,000,000
PO-0163	Golden Triangle Marsh Creation	CON	\$54,347,733
PO-0174	Biloxi Marsh Living Shoreline Project	CON	\$69,820,460
PO-0180	Lake Borgne Marsh Creation - Increment 1	CON	\$114,642,153
PO-0190	Isle-au-Pitre Island Restoration	E&D	\$39,146,580
PR-0001	Middle Pearl River WMA Boat Launch	CON	\$775,000
Not Avail.	Barrier Island Restoration- Breton Sound	E&D	Not Avail.
Not Avail.	Large-Scale Marsh Creation - Pontchartrain Basin	E&D	Not Avail.
NFWF PROJECTS			
BA-0153	Mid-Barataria Sediment Diversion	E&D	\$1,410,708,675
BS-0030	Mid-Breton Sediment Diversion	E&D	\$798,609,888
RESTORE PROJECTS			
BA-0209	Paradis Canal Gate	CON	\$5,367,874
BS-0034	Lake Lery Marsh Creation (Phase 2)	CON	\$3,081,000
MR-0168	Lowermost Mississippi River Management Program	PLN	\$9,300,000
PO-0029	River Reintroduction into Maurepas Swamp	CON	\$199,854,326
PO-0183	Manchac Landbridge (Rock Breakwater) Shoreline Protection	CON	\$3,671,137
GOMESA PROJECTS			
BA-0219	Davis Pond Upper Barataria Risk Reduction	CON	\$6,500,000
BA-0220	Sunset Levee Upper Barataria Risk Reduction (UBRR)	E&D	\$3,500,000
BA-0221	Pumping Capacity Improvements Phase 1	CON	\$65,000,000
BA-0231	Storm Surge Risk Reduction for Reach E-North (SLLD)	CON	\$1,500,000
BA-0233	Grand Isle Bayside Segmented Breakwaters (Phase IV)	CON	\$2,150,000
BA-0241	Zeller Larousse Phase II Levee Improvements	CON	\$1,000,000
BA-0242	Levee Improvements for Gheens Community Phase 2	CON	\$2,275,000
BA-0243	100-yr Levee Lift; NOV-NF-W-4, Oakville to LaReusitte and MRL 179	CON	\$10,000,000
BA-0244	T-Wall Kellogg Pump Station	CON	\$2,500,000
BA-0246	Section D Storm Surge Risk Reduction	CON	\$500,000
BA-0247	Floodwall Improvement for Section D-South at Crawfish Farm	CON	\$1,800,000
BA-0248	Ludevine Pump Station	CON	\$2,800,000
BA-0249	Larose Floodwall	CON	\$1,000,000
BA-0250	Section F Berm Improvement	CON	\$1,000,000
BA-0251	Port Fourchon Shoreline Protection	CON	\$2,000,000
BS-0033	East Bank Sediment Transport Corridor	E&D	\$28,754,168
PO-0184	St. Tammany Storm Surge Risk Reduction	E&D	\$9,000,000
PO-0187	Jefferson Parish Lakefront Shoreline Protection	CON	\$2,000,000

PROJECTED THREE-YEAR REVENUES & EXPENDITURES

TABLE 12: PROJECTED THREE-YEAR REVENUES (FY 2022 - 2024)

Revenue Sources	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
CPR Trust Fund Annual Revenue ^{1,2}	\$14,000,000	\$15,800,000	\$16,500,000	\$46,300,000
CPR Trust Fund Carried Forward	\$13,186,270	\$23,453,924	\$14,972,113	\$51,612,307
CWPPRA Federal Funds ³	\$31,692,135	\$47,473,999	\$49,775,417	\$128,941,551
GOMESA ^{1,4}	\$87,600,000	\$90,000,000	\$90,000,000	\$267,600,000
GOMESA Carried Forward ⁵	\$66,217,184	\$101,563,108	TBD	\$167,780,292
DOTD Interagency Transfer ¹	\$4,000,000	\$4,000,000	\$4,000,000	\$12,000,000
Surplus Funding ⁶	\$116,575,210	\$66,148,194	\$85,797,386	\$268,520,790
Community Development Block Grants	\$2,249,600	\$3,249,600	\$3,249,600	\$8,748,800
MOEX Settlement ⁷	\$250,000	\$0	\$0	\$250,000
Capital Outlay Funding (Previously Appropriated)	\$30,035,667	\$24,591,787	\$40,001,666	\$94,629,120
NRDA Revenues (<i>Deepwater Horizon</i>)	\$286,524,860	\$322,728,623	\$533,161,606	\$1,142,415,089
NFWF Revenues (<i>Deepwater Horizon</i>)	\$105,858,919	\$29,138,565	\$20,308,327	\$155,305,811
RESTORE Revenues (<i>Deepwater Horizon</i>)	\$64,573,808	\$200,678,307	\$255,506,629	\$520,758,744
LDNR Mitigation Funds ⁸	\$500,000	\$500,000	\$500,000	\$1,500,000
LDNR Beneficial Use Funds ⁸	\$500,000	\$500,000	\$500,000	\$1,500,000
OM&M Federal Funds ⁹	\$32,227,687	\$25,224,878	\$14,861,735	\$72,314,299
LOSCO Funding ¹⁰	\$206,000	\$106,000	\$106,000	\$418,000
LDWF/LOSCO/LDNR Funding ¹¹	\$1,468,000	\$0	\$0	\$1,468,000
BOEM Funding ¹²	\$900,000	\$0	\$0	\$900,000
FEMA FMA Funding ¹³	\$200,000	\$100,000	\$0	\$300,000
Capital Area Ground Water Conservation Commission Funding ¹⁴	\$600,000	\$0	\$0	\$600,000
Project Billing ¹⁵	\$21,004,995	\$21,000,000	\$21,000,000	\$63,004,995
Total Projected Revenue¹⁶	\$880,370,335	\$976,256,985	\$1,150,240,479	\$3,006,867,798

1. Annually recurring revenue source to be spent in accordance with the Louisiana Constitution, specifically State Law Section 214.5.4(E) and the provisions within paragraph (3)
 2. Estimate tied to mineral revenue.
 3. Represents anticipated Federal reimbursement for CWPPRA projects led by CPRA in which the State is initially incurring more than its 15% cost share during project implementation.
 4. GOMESA funds must be disbursed to the applicable states by the end of the federal fiscal year. FY 2022 GOMESA funds are anticipated to be received around April 2022 (4Q22).
 5. Represents carry-forward of unexpended funds from prior-year GOMESA payments.
 6. Includes funding from previously appropriated budget surpluses (2007, 2008, 2009, 2018, and 2019) and proposed funding from 2020 budget surplus (see Table 20 for details).
 7. Represents anticipated balance as of FY 2022 of an initial deposit of \$6.75 million of funds from the MOEX settlement.
 8. Supplemental funding to augment construction of eligible projects (specific projects to be determined at a later date).
 9. Represents anticipated Federal reimbursement for CWPPRA and WRDA OM&M activities led by CPRA in which the State is initially incurring more than its cost share during project implementation.
 10. Represents reimbursement of expenditures for CPRA (non-DWH) oil spill response activities.
 11. Funding will be utilized for the implementation of South Pass Bird Island Enhancement (MR-0172).
 12. Funding will be utilized for Regional Geology and Sediment Management tasks (see Table 14).
 13. Funding would be used to support planning activities for the FEMA Flood Mitigation Assistance Program and is subject to grant approval.
 14. Funding will be utilized to support the CAGWCC Long Term Strategic Planning for Water Resources effort.
 15. Represents salary and other work-in-kind reimbursements for work performed on projects in funding programs listed in the table above.
 16. New project opportunities may arise if additional funds become available after the approval of the Annual Plan, and conditions may necessitate reprogramming of existing funds to address changes on the ground. If necessary, reprogramming of existing and new funds would occur, with approval from the CPRA, to ensure that limited coastal program funds are allocated in accordance with Master Plan objectives. CPRA has been granted authority to reprogram dollars from approved funding streams and to reallocate dollars to best meet new opportunities or needs. Such flexibility allows the coastal program to respond effectively to unforeseen events that take place outside the legislatively mandated planning cycle.

TABLE 13: PROJECTED THREE-YEAR EXPENDITURES¹ (FY 2022 - 2024)

Revenue Sources	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
CWPPRA State Expenditures (not including Surplus expenditures) ²	\$7,142,701	\$12,526,001	\$10,224,583	\$29,893,284
CWPPRA Federal Expenditures ³	\$31,692,135	\$47,473,999	\$49,775,417	\$128,941,551
GOMESA Expenditures	\$153,817,184	\$191,563,108	\$90,000,000	\$435,380,292
WRDA Project Expenditures (not including Surplus expenditures)	\$0	\$56,210	\$0	\$56,210
Surplus Project and Program Expenditures ⁴	\$116,575,210	\$66,148,194	\$85,797,386	\$268,520,790
Community Development Block Grants	\$2,249,600	\$3,249,600	\$3,249,600	\$8,748,800
MOEX Project Expenditures	\$250,000	\$0	\$0	\$250,000
Capital Outlay Project Expenditures	\$30,035,667	\$24,591,787	\$40,001,666	\$94,629,120
State-Only Project Expenditures (Non-Surplus)	\$3,855,232	\$2,725,039	\$355,864	\$6,936,135
NRDA Expenditures (<i>Deepwater Horizon</i>)	\$286,524,860	\$322,728,623	\$533,161,606	\$1,142,415,089
NFWF Expenditures (<i>Deepwater Horizon</i>) (not including Surplus Expenditures)	\$105,858,919	\$29,138,565	\$20,308,327	\$155,305,811
RESTORE Expenditures (<i>Deepwater Horizon</i>) (not including Surplus Expenditures)	\$64,573,808	\$200,678,307	\$255,506,629	\$520,758,744
LDNR Mitigation Expenditures ⁵	\$500,000	\$500,000	\$500,000	\$1,500,000
LDNR Beneficial Use Expenditures ⁵	\$500,000	\$500,000	\$500,000	\$1,500,000
OM&M- State Expenditures (not including Surplus or GOMESA expenditures)	\$11,197,519	\$9,632,720	\$5,726,847	\$26,557,086
OM&M- Federal Expenditures ⁶	\$32,227,687	\$25,224,878	\$14,861,735	\$72,314,299
LDWF/LOSCO/LDNR Funding ⁷	\$1,468,000	\$0	\$0	\$1,468,000
BOEM Expenditures ⁸	\$900,000	\$0	\$0	\$900,000
FEMA FMA Expenditures ⁹	\$200,000	\$100,000	\$0	\$300,000
Capital Area Ground Water Conservation Commission Funding ¹⁰	\$600,000	\$0	\$0	\$600,000
State Programmatic/Adaptive Management Expenditures (see Table 14)	\$1,200,000	\$7,600,000	\$7,600,000	\$16,400,000
Operating Costs (see Tables 14 and 15) ^{11,12}	\$29,001,814	\$31,819,954	\$32,670,819	\$93,492,587
Total Planned Expenditures¹³	\$880,370,335	\$976,256,985	\$1,150,240,479	\$3,006,867,798

1. Represents proposed expenditures provided that commensurate level of funding is received.
2. Because CWPPRA projects compete for funding annually, CWPPRA expenditures as presented in Table 16 (which include projected expenditures for approved projects only) do not adequately capture likely CWPPRA expenditures in outlying years. The State's estimated CWPPRA expenditures for FY 2023 - FY 2024 are therefore based on prior years' expenditures.
3. Represents anticipated Federal reimbursement for CWPPRA projects led by CPRA in which the State is initially incurring more than its 15% cost share during project implementation.
4. Includes funding from previously appropriated budget surpluses (2007, 2008, 2009, 2018, and 2019) and proposed funding from 2020 budget surplus (see Table 20 for details).
5. Supplemental funding to augment construction of eligible projects (specific projects to be determined at a later date).
6. Represents anticipated Federal reimbursement for CWPPRA and WRDA OM&M activities led by CPRA in which the State is initially incurring more than its cost share during project implementation.
7. Funding will be utilized for the implementation of South Pass Bird Island Enhancement (MR-0172).
8. Funding will be utilized for Regional Geology and Sediment Management tasks (see Table 14).
9. Funding would be used to support planning activities for the FEMA Flood Mitigation Assistance Program and is subject to grant approval.
10. Funding will be utilized to support the CAGWCC Long Term Strategic Planning for Water Resources effort.
11. In the event of a declared emergency, CPRA may need to expend Operating Costs in support of the State's disaster response efforts. Up to 75 percent of these expenditures would be reimbursable by FEMA.
12. Operating Costs include Three-Year Operating Expenditures (see Table 15), Assistance to Levee Authorities (see Table 14), and Project Support (see Table 14).
13. New project opportunities may arise if additional funds become available after the approval of the Annual Plan, and conditions may necessitate reprogramming of existing funds to address changes on the ground. If necessary, reprogramming of existing and new funds would occur, with approval from the CPRA, to ensure that limited coastal program funds are allocated in accordance with Master Plan objectives. CPRA has been granted authority to reprogram dollars from approved funding streams and to reallocate dollars to best meet new opportunities or needs. Such flexibility allows the coastal program to respond effectively to unforeseen events that take place outside the legislatively mandated planning cycle.

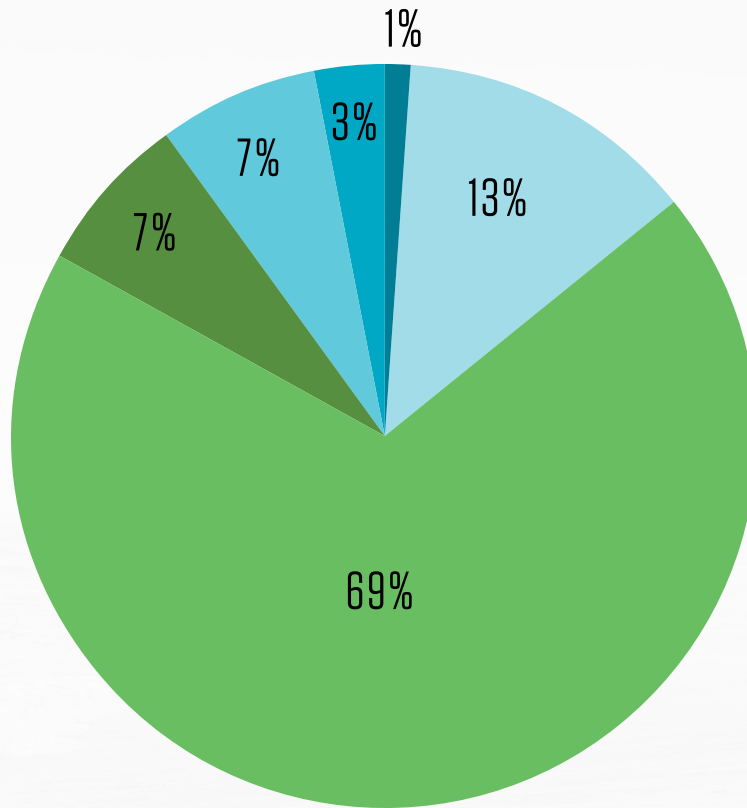


FIGURE 1: PROJECTED FY 2022 EXPENDITURES BY PROJECT PHASE

PLANNING

\$12 MILLION

ENGINEERING & DESIGN

\$113 MILLION

CONSTRUCTION

\$602 MILLION

OPERATION, MAINTENANCE & MONITORING

\$60.7 MILLION

ONGOING PROGRAMS & INITIATIVES

\$63.4 MILLION

OPERATING COSTS

\$29 MILLION

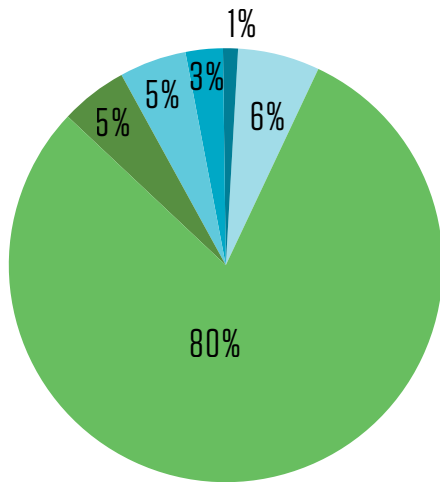
TOTAL EXPENDITURES

\$880 MILLION

NOTES

- OM&M includes BIMF (\$2 million) and Repair/Rehabilitation of Projects (\$1.1 million)
- Operating Costs include Assistance to Levee Authorities (\$1 million) and Project Support (\$3 million)

FIGURE 2: PROJECTED FY 2023 EXPENDITURES BY PROJECT PHASE



PLANNING

\$10.4 MILLION

ENGINEERING & DESIGN

\$58.9 MILLION

CONSTRUCTION

\$776 MILLION

OPERATION,

MAINTENANCE & MONITORING

\$52.1 MILLION

ONGOING PROGRAMS & INITIATIVES

\$47 MILLION

OPERATING COSTS

\$31.8 MILLION

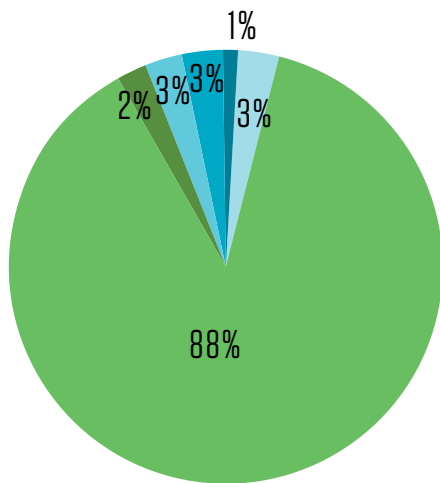
NOTES

- Construction includes Beneficial Use (\$2 million)
- Engineering and Design and Construction include CWPRA adjustment for outlying years (see Table 13 for explanation)
- Operating Costs include Assistance to Levee Authorities (\$1 million) and Project Support (\$5 million)

TOTAL EXPENDITURES

\$976 MILLION

FIGURE 3: PROJECTED FY 2024 EXPENDITURES BY PROJECT PHASE



PLANNING

\$5.9 MILLION

ENGINEERING & DESIGN

\$37.7 MILLION

CONSTRUCTION

\$1.01 BILLION

OPERATION,

MAINTENANCE & MONITORING

\$26.4 MILLION

ONGOING PROGRAMS & INITIATIVES

\$36.9 MILLION

OPERATING COSTS

\$32.7 MILLION

NOTES

- Construction includes Beneficial Use (\$2 million)
- Engineering and Design and Construction include CWPRA adjustment for outlying years (see Table 13 for explanation)
- Operating Costs include Assistance to Levee Authorities (\$1 million) and Project Support (\$5 million)

TOTAL EXPENDITURES

\$1.15 BILLION

TABLE 14: PROJECTED PROGRAMMATIC THREE-YEAR EXPENDITURES (FY 2022 - FY 2024)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
ONGOING PROGRAM EXPENDITURES					
N/A	Beneficial Use Program	\$0	\$2,000,000	\$2,000,000	\$4,000,000
LA-0251	Barrier Island Maintenance Program ¹	\$2,029,424	TBD	TBD	\$2,029,424
N/A	Vegetative Plantings	\$0	\$400,000	\$400,000	\$800,000
PO-0162	Assistance to Levee Authorities	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
LA-0028	Restoration Partnerships ¹	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
N/A	Project Support	\$3,000,000	\$5,000,000	\$5,000,000	\$13,000,000
Total Ongoing Programs Expenditures		\$7,029,424	\$9,400,000	\$9,400,000	\$25,829,424
ADAPTIVE MANAGEMENT EXPENDITURES					
FUTURE PROJECT DEVELOPMENT					
LA-0255	Project Development and Implementation Program	\$400,000	\$400,000	\$400,000	\$1,200,000
LA-0261	Non-structural Program Development ¹	\$853,857	\$3,000,000	\$3,000,000	\$6,853,857
FOCUSED APPLIED RESEARCH					
LA-0158	Coastal Science Assistantship Program ²	\$350,000	\$350,000	\$350,000	\$1,050,000
SCIENCE AND TECHNICAL ADVISORY BOARDS					
LA-0260	Master Plan Advisory Committees ²	\$150,000	\$75,000	\$75,000	\$300,000
MODEL DEVELOPMENT AND REFINEMENT					
LA-0250	Master Plan Predictive Models ²	\$4,000,000	\$2,000,000	\$2,000,000	\$8,000,000
MR-0016-SSPM	Small Scale Physical Model ³	\$500,000	\$500,000	\$500,000	\$1,500,000
SYSTEM WIDE ASSESSMENT AND MONITORING PROGRAM (SWAMP)					
N/A	SWAMP Implementation ^{4,5}	\$5,875,129	\$6,125,129	\$6,125,129	\$18,125,387
N/A	Fisheries ⁵	\$1,400,000	\$1,400,000	\$1,400,000	\$4,200,000
LA-0226	Barrier Island Comprehensive Monitoring ⁵	\$2,745,520	\$1,369,520	\$1,112,520	\$5,227,560
LA-0030	CRMS-Wetlands ⁵	\$5,106,213	\$4,024,242	\$3,143,044	\$12,273,499
N/A	Regional Geology and Sediment Management ^{4,6}	\$2,250,326	\$1,096,163	\$830,000	\$4,176,489
DATA MANAGEMENT AND ANALYSIS					
LA-0258	Data Management ^{4,5}	\$4,278,643	\$3,881,823	\$4,000,000	\$12,160,466
LA-0254	Monitoring Data Interpretations ^{2,4,5}	\$1,290,581	\$1,185,581	\$1,250,000	\$3,726,162
COMMUNICATION AND MESSAGING					
N/A	Workshop and Conference Development	\$175,000	\$175,000	\$175,000	\$525,000
N/A	Language Access	\$25,000	\$25,000	\$25,000	\$75,000
LA-0249	Coastal Education	\$600,000	\$600,000	\$600,000	\$1,800,000
OTHER ADAPTIVE MANAGEMENT EXPENDITURES					
N/A	Oyster Industry Sustainability Initiative ²	\$6,250,000	\$6,250,000	\$0	\$12,500,000
Total Adaptive Management Expenditures		\$36,250,269	\$32,457,458	\$24,985,693	\$93,693,420
Total Programmatic Expenditures		\$43,279,693	\$41,857,458	\$34,385,693	\$119,522,844
Programmatic Surplus Expenditures (See Table 20)		\$3,883,281	\$0	\$0	\$3,883,281
Programmatic NRDA Expenditures (See Table 28)		\$13,501,733	\$11,043,762	\$9,905,564	\$34,451,059
Programmatic NFWF Expenditures (See Table 28)		\$1,050,000	\$1,050,000	\$1,050,000	\$3,150,000
Programmatic RESTORE Expenditures (See Table 28)		\$7,994,679	\$7,488,696	\$7,405,129	\$22,888,504
Programmatic GOMESA Expenditures (See Table 29)		\$10,750,000	\$8,675,000	\$2,425,000	\$21,850,000
Programmatic BOEM Expenditures		\$900,000	\$0	\$0	\$900,000
Programmatic Operations Expenditures		\$5,200,000	\$13,600,000	\$13,600,000	\$32,400,000

TABLE 14: PROJECTED PROGRAMMATIC THREE-YEAR EXPENDITURES (FY 2022 - FY 2024) (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
1. FY 2022 expenditures funded at least partially with Surplus funds (supplemental funding from the Trust Fund may also be utilized). 2. FY 2022 expenditures funded by GOMESA funds. 3. FY 2022 expenditures funded by NFWF Adaptive Management funds. 4. FY 2022 expenditures funded by RESTORE Adaptive Management funds. 5. FY 2022 expenditures funded by NRDA Adaptive Management funds. 6. FY 2022 expenditures funded by BOEM funds.					

TABLE 15: PROJECTED STATE PROTECTION AND RESTORATION THREE-YEAR OPERATING EXPENDITURES (FY 2022 - FY 2024)

Program	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
CPRA	\$20,453,495	\$21,271,635	\$22,122,500	\$63,847,630
OCM	\$2,827,134	\$2,827,134	\$2,827,134	\$8,481,402
Office of the Governor - Coastal Activities	\$1,536,185	\$1,536,185	\$1,536,185	\$4,608,555
Office of the Attorney General	\$185,000	\$185,000	\$185,000	\$555,000
Total Operating Costs	\$25,001,814	\$25,819,954	\$26,670,819	\$77,492,587

TABLE 16: COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT (CWPPRA) PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
ENGINEERING AND DESIGN (P1)					
BA-0194	East Leeville Marsh Creation and Nourishment ¹	\$6,000	\$6,000	\$0	\$12,000
BA-0195	Barataria Bay Rim Marsh Creation and Nourishment	\$6,000	\$6,000	\$0	\$12,000
BA-0206	Northeast Turtle Bay Marsh Creation & Critical Area Shoreline Protection	\$48,000	\$10,000	\$0	\$58,000
BA-0217	Grand Bayou Ridge and Marsh Creation ¹	\$48,000	\$18,000	\$18,000	\$84,000
BS-0024	Terracing and Marsh Creation South of Big Mar ¹	\$50,000	\$0	\$0	\$50,000
BS-0037	East Delacroix Marsh Creation and Terracing ¹	\$321,307	\$154,034	\$6,000	\$481,341
BS-0038	Breton Landbridge Marsh Creation (West) ¹	\$42,000	\$6,000	\$6,000	\$54,000
BS-0041	North Delacroix Marsh Creation and Terracing ¹	\$460,000	\$97,078	\$6,000	\$563,078
BS-0042	Phoenix Marsh Creation - East Increment ¹	\$1,209,973	\$769,823	\$0	\$1,979,796
BS-0043	Reggio Marsh Creation and Hydrologic Restoration ¹	\$912,124	\$1,824,248	\$912,124	\$3,648,496
BS-0044	Phoenix Marsh Creation - West Increment ¹	\$604,997	\$378,412	\$68,608	\$1,052,017
CS-0081	Sabine Refuge Marsh Creation Cycles 6 & 7	\$30,787	\$0	\$0	\$30,787
CS-0085	Long Point Bayou Marsh Creation ¹	\$354,338	\$0	\$0	\$354,338
ME-0031	Freshwater Bayou Marsh Creation	\$12,000	\$12,000	\$12,000	\$36,000
ME-0032	South Grand Chenier Marsh Creation - Baker Tract	\$12,000	\$12,000	\$12,000	\$36,000
PO-0173	Fritchie Marsh Creation and Terracing	\$100,000	\$109,000	\$0	\$209,000
PO-0179	St. Catherine Island Marsh Creation and Shoreline Protection ¹	\$60,000	\$42,000	\$6,000	\$108,000
PO-0181	Bayou Cane Marsh Creation	\$30,000	\$30,000	\$0	\$60,000
TE-0112	North Catfish Lake Marsh Creation	\$30,000	\$0	\$0	\$30,000
TE-0117	Island Road Marsh Creation and Nourishment ¹	\$51,311	\$0	\$0	\$51,311
TE-0156	Bay Raccourci Marsh Creation & Ridge Restoration ¹	\$1,100,000	\$420,000	\$420,000	\$1,940,000
TE-0157	East Catfish Lake Marsh Creation and Shoreline Protection ¹	\$750,000	\$152,000	\$24,000	\$926,000
TE-0166	Bay Raccourci Marsh Creation Increment 2 ¹	\$731,625	\$1,463,250	\$731,625	\$2,926,500
CONSTRUCTION (P2)					
BA-0125	Northwest Turtle Bay Marsh Creation ¹	\$2,443,990	\$0	\$0	\$2,443,990
BA-0171	Caminada Headlands Back Barrier Marsh Creation ¹	\$2,791,143	\$0	\$0	\$2,791,143
BS-0032	Mid Breton Land Bridge Marsh Creation & Terracing	\$390,000	\$10,300,000	\$16,300,000	\$26,990,000
CS-0049	Cameron-Creole Freshwater Introduction	\$12,000	\$0	\$0	\$12,000
CS-0066	Cameron Meadows Marsh Creation and Terracing ¹	\$6,543,057	\$0	\$0	\$6,543,057
ME-0020	South Grand Chenier Marsh Creation Project	\$37,104	\$13,104	\$0	\$50,208
PO-0075	LaBranche East Marsh Creation	\$553,280	\$1,757,212	\$1,189,235	\$3,499,726
PO-0133	LaBranche Central Marsh Creation	\$628,800	\$2,198,921	\$227,451	\$3,055,172
PO-0169	New Orleans Landbridge Shoreline Stabilization and Marsh Creation ¹	\$15,250,000	\$5,000,000	\$0	\$20,250,000
TE-0134	West Fourchon Marsh Creation ¹	\$95,000	\$18,978,000	\$6,310,500	\$25,383,500
TE-0138	Bayou DeCade Ridge and Marsh Creation ¹	\$3,120,000	\$0	\$0	\$3,120,000
Subtotal		\$38,834,836	\$43,757,082	\$26,249,543	\$108,841,460
Adjustment for Outlying Years²		N/A	\$16,242,918	\$33,750,457	\$49,993,376
Total Expenditures		\$38,834,836	\$60,000,000	\$60,000,000	\$158,834,836
Federal Expenditures (see Note 1)		\$31,692,135	\$47,473,999	\$49,775,417	\$128,941,551
Trust Fund Expenditures		\$7,142,701	\$12,526,001	\$10,224,583	\$29,893,284
<p>1. Project is being led by CPRA; projected expenditures include Federal funds; any State expenditures beyond its 15% cost share will be reimbursed by the Federal partner.</p> <p>2. Because CWPPRA projects compete for funding annually, CWPPRA expenditures as presented in Table 16 (which include projected expenditures for approved projects only) do not adequately capture likely CWPPRA expenditures in outlying years. The State's estimated CWPPRA expenditures for FY 2023 - FY 2024 are therefore based on prior years' expenditures.</p>					

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TABLE 17: LOUISIANA WRDA PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
LA-0020	Southwest Coastal Louisiana ¹	\$5,500,000	\$300,000	\$0	\$800,000
Total Expenditures		\$5,500,000	\$300,000	\$0	\$800,000
GOMESA Expenditures for WRDA (see Table 29)		\$0	\$0	\$0	\$0
Surplus Expenditures for WRDA (see Table 20)		(\$5,500,000)	(\$243,790)	\$0	(\$743,790)
Trust Fund Expenditures for WRDA		\$0	\$56,210	\$0	\$56,210

1. Project expenditures are funded through Surplus revenues (see Table 20); expenditures in future fiscal years will be covered with accrued credit or Trust Fund dollars.

TABLE 18: COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
LA-0290	Statewide Floodplain Management (Watershed Initiative)	\$2,249,600	\$3,249,600	\$3,249,600	\$8,748,800
Total Expenditures		\$2,249,600	\$3,249,600	\$3,249,600	\$8,748,800

TABLE 19: STATE-ONLY PROJECT EXPENDITURES (NON-SURPLUS)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
MOEX PROJECTS					
PO-0142	Hydrologic Restoration of the Amite River Diversion Canal ¹	\$250,000	\$0	\$0	\$250,000
CAPITAL OUTLAY PROJECTS					
AT-0022	East Grand Lake Upper Region ²	\$2,000,000	\$1,589,120	\$0	\$3,589,120
AT-0023	Henderson Lake Water Management Unit Spoil Bank Gapping ²	\$1,000,000	\$500,000	\$0	\$1,500,000
BA-0075-2	Rosethorne Tidal Protection ³	\$11,000,000	\$0	\$0	\$11,000,000
PO-0062	West Shore Lake Pontchartrain ³	\$0	\$20,000,000	\$40,000,000	\$60,000,000
PO-0192	Union Diversion	\$300,000	\$0	\$0	\$300,000
TE-0064	Morganza to the Gulf ^{3,4}	\$13,500,000	\$2,000,000	\$0	\$15,500,000
TE-0142	Flat Lake Study ²	\$35,000	\$0	\$0	\$35,000
TE-0151	Grand Bayou Floodgate	\$400,000	\$0	\$0	\$400,000
N/A	Cajun Coast Welcome Center Trail	\$333,000	\$167,000	\$0	\$500,000
N/A	Boy Scouts of America Swamp Base Boat Launch	\$333,000	\$167,000	\$0	\$500,000
N/A	Sandy Cove Boat Launch	\$333,000	\$167,000	\$0	\$500,000
N/A	Atchafalaya GeoTrail	\$1,667	\$1,667	\$1,666	\$5,000
N/A	Murphy Lake Depth Restoration ²	\$500,000	\$0	\$0	\$500,000
N/A	Buffalo Cove Water Management ²	\$300,000	\$0	\$0	\$300,000
PROJECTS WITH TRUST FUND EXPENDITURES					
BA-0066	West Bank and Vicinity ³	\$2,960	\$2,960	\$0	\$5,920
BA-0158	New Orleans to Venice Mitigation - Plaquemines Non-Fed ⁵	\$11,680	\$11,680	\$11,680	\$35,040
BA-0159	New Orleans to Venice Mitigation - Fed ⁵	\$11,680	\$11,680	\$11,680	\$35,040
BA-0211	Upper Barataria Basin Flood Management ⁵	\$30,368	\$0	\$0	\$30,368
BA-0212	WBV Risk Reduction ⁵	\$30,368	\$0	\$0	\$30,368
BA-0233	Goose Bayou Tidal Protection	\$75,000	\$75,000	\$75,000	\$225,000
BA-0252	Shingle Point Boat Ramp	\$150,000	\$0	\$0	\$150,000
BS-0033	East Bank Sediment Transport Corridor	\$6,000	\$0	\$0	\$6,000
PO-0057	SELA - Overall ⁵	\$12,000	\$12,000	\$12,000	\$36,000
PO-0182	LPV Risk Reduction ⁵	\$30,368	\$0	\$0	\$30,368
PO-0186	St. Tammany Risk Reduction ⁵	\$30,368	\$30,368	\$0	\$60,736
TE-0161	North Lafourche's Reach 2 (MTOG)	\$3,000,000	\$0	\$0	\$3,000,000
TV-0054	South Central Coastal Plan ⁵	\$30,368	\$0	\$0	\$30,368
N/A	USACE Bayou Courtableau and Bayou Des Glaises ⁵	\$30,368	\$30,368	\$0	\$60,736
TRUST FUND EXPENDITURES FOR SURPLUS PROJECTS⁵					
BA-0075-2	Rosethorne Tidal Protection	\$40,000	\$40,000	\$20,000	\$100,000
LA-0020	Southwest Coastal Louisiana	\$30,368	\$30,368	\$30,368	\$91,104
MR-0172	South Pass Bird Island Enhancement Project	\$18,000	\$0	\$0	\$18,000
PO-0062	West Shore Lake Pontchartrain	\$123,136	\$123,136	\$123,136	\$369,408
PO-0167	St. Tammany Parish Coastal Protection Study	\$96,200	\$60,450	\$0	\$156,650
TE-0064	Morganza to the Gulf	\$72,000	\$2,276,829	\$72,000	\$2,420,829
TE-0154	Larose to Golden Meadow Systems Improvement	\$18,000	\$14,800	\$0	\$32,800
TV-0077	North Vermilion Bay Shoreline Protection	\$3,000	\$2,400	\$0	\$5,400
TV-0082	Freshwater Bayou Shoreline Protection	\$3,000	\$3,000	\$0	\$6,000
Total State Expenditures		\$34,140,899	\$27,316,826	\$40,357,530	\$101,815,255

TABLE 19: STATE-ONLY PROJECT EXPENDITURES (NON-SURPLUS) (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
<ol style="list-style-type: none"> 1. Projected expenditures are for post-construction activities including site assessment, nutria control, and vegetative plantings. 2. Project to be implemented under the Atchafalaya Basin program. 3. Project receiving supplemental funding from Surplus funds (see Table 20). 4. Expenditures do not include the \$12.5 million in Priority 5 Capital Outlay Funding that TLCD has requested to be moved to Priority 1. Proposed transfer of this funding to Priority 1, which has been recommended by Governor Edwards and noted by the State Bond Commission, is subject to legislative approval in House Bill 2 (HB2) during the 2020 session. The funding would be available for TLCD to expend on TE-0064 upon approval of HB2. 5. Project is currently 100% Federal. Projected expenditures are for staff coordination with Federal project team members. 6. Represents staff salaries for projects funded for implementation with Surplus dollars. 					

TABLE 20: SURPLUS PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
2007, 2008, 2009 SURPLUS - PROJECT EXPENDITURES					
BA-0045	Caminada Headland Beach and Dune Restoration ¹	\$193,200	\$87,000	\$18,000	\$298,200
BA-0071	Medium Diversion with Dedicated Dredging at Myrtle Grove ²	\$3,055,047	\$0	\$0	\$3,055,047
LA-0020	Southwest Coastal Louisiana	\$500,000	\$243,790	\$0	\$743,790
MR-0172	South Pass Bird Island Enhancement Project	\$50,000	\$0	\$0	\$50,000
PO-0001	Violet Canal Repairs ³	\$750,744	\$0	\$0	\$750,744
PO-0062	West Shore Lake Pontchartrain	\$7,000,000	\$0	\$0	\$7,000,000
PO-0063	Lake Pontchartrain and Vicinity	\$11,468,274	\$0	\$0	\$11,468,274
PO-0167	St. Tammany Parish Coastal Protection Study	\$500,000	\$400,000	\$0	\$900,000
PO-0185	St. Bernard Pump Station Repairs ³	\$4,000,000	\$0	\$0	\$4,000,000
TE-0064	Morganza to the Gulf	\$467,309	\$0	\$0	\$467,309
TE-0154	Larose to Golden Meadow System Improvements ⁴	\$1,500,000	\$0	\$0	\$1,500,000
TV-0077	North Vermilion Bay Shoreline Protection	\$5,100,000	\$1,144,847	\$0	\$6,244,847
TV-0082	Freshwater Bayou Shoreline Protection	\$3,106,000	\$210,600	\$0	\$3,316,600
N/A	Lafitte Area Independent Levee District Tidal Protection ^{3,5}	\$0	\$5,000,000	\$9,000,000	\$14,000,000
N/A	Southeast Louisiana Flood Protection/ LERRDS ⁶	\$33,289,567	\$1,861,957	\$1,779,386	\$36,930,910
2007, 2008, 2009 SURPLUS - PROGRAMMATIC EXPENDITURES					
LA-0026	Rehabilitation and Repair of State Restoration Projects	\$1,098,240	\$0	\$0	\$1,098,240
LA-0027	Barrier Island Maintenance Program	\$2,029,424	\$0	\$0	\$2,029,424
N/A	Emergency Reserve	\$1,813,549	\$0	\$0	\$1,813,549
N/A	Non-Structural Program Development ⁷	\$853,857	\$0	\$0	\$853,857
2018 SURPLUS EXPENDITURES					
LA-0028	Restoration Partnerships	\$1,000,000	\$0	\$0	\$1,000,000
PO-0062	West Shore Lake Pontchartrain	\$6,000,000	\$24,000,000	\$0	\$30,000,000
2019 SURPLUS EXPENDITURES					
PO-0062	West Shore Lake Pontchartrain	\$0	\$0	\$60,000,000	\$60,000,000
TE-0164	Nicholls State University - Center for River Studies	\$2,500,000	\$0	\$0	\$2,500,000
2020 SURPLUS EXPENDITURES					
BA-0253	Grand Isle Back Levee	\$2,000,000	\$0	\$0	\$2,000,000
BS-0045	Bayou Terre Aux Boeuf Ridge Restoration Phase III	\$1,300,000	\$0	\$0	\$1,300,000
LA-0020	Southwest Coastal Louisiana	\$5,000,000	\$0	\$0	\$5,000,000
PO-0062	West Shore Lake Pontchartrain (St. James Portion)	\$0	\$10,000,000	\$5,000,000	\$15,000,000
PO-0193	Jefferson Parish Bucktown Living Shoreline Project	\$2,000,000	\$0	\$0	\$2,000,000
PO-0194	LaBranche Shoreline Protection Project	\$1,000,000	\$0	\$0	\$1,000,000
PO-0195	Manchac Landbridge Shoreline Protection	\$500,000	\$1,500,000	\$0	\$2,000,000
TE-0168	St. Mary Back Lakeside Flood Protection	\$2,500,000	\$13,200,000	\$10,000,000	\$25,700,000
TE-0169	Mauvais Bois Ridge Restoration	\$2,000,000	\$6,000,000	\$0	\$8,000,000
TV-0087	Rodere Canal Water Control Structure	\$2,300,000	\$0	\$0	\$2,300,000
TV-0088	East Rainey Marsh Creation	\$2,000,000	\$0	\$0	\$2,000,000
LA-0028	Restoration Partnerships	\$1,000,000	\$0	\$0	\$1,000,000
N/A	Atchafalaya Basin Program	\$1,000,000	\$0	\$0	\$1,000,000
N/A	Mid-Basin Diversion Land Acquisition	\$5,000,000	\$0	\$0	\$5,000,000
N/A	Non-structural Risk Reduction	\$2,500,000	\$2,500,000	\$0	\$5,000,000

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TABLE 20: SURPLUS PROJECTED EXPENDITURES (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
N/A	LSU Center for River Studies - Exhibit Buildout	\$200,000	\$0	\$0	\$200,000
Total Expenditures		\$116,575,210	\$66,148,194	\$85,797,386	\$268,520,790
<ol style="list-style-type: none"> 1. Surplus funds include post-construction monitoring expenditures (see Table 23). 2. Includes funding for Mid-Barataria Sediment Diversion (BA-0153). 3. Project to be implemented with unexpended funds from previously completed Surplus projects. 4. Expenditures will be used to fund additional improvements within the Larose to Golden Meadow alignment. 5. Funding anticipated to be used for the implementation of Rosethorne Tidal Protection (BA-0075-2) and/or Goose Bayou (Penn Levee) (BA-0223). 6. Includes funds that may be used for West Bank and Vicinity (BA-0066), SELA (PO-0057), Permanent Closure of Canals and Pump Stations (PO-0060), Previously Authorized Mitigation- WBV (BA-0154), New Orleans to Venice (BA-0067), New Orleans to Venice Mitigation- Plaquemines Non-Fed (BA-0158), New Orleans to Venice Mitigation- Fed (BA-0159), and/or Plaquemines TFU Mitigation- Braithwaite to Scarsdale (BA-0156). 7. Funds will be used to develop a coordinated strategy for implementing nonstructural projects identified in the Master Plan coastal communities. This may also include development of pilot projects in coastal parishes with high levels of risk and vulnerability. 					

TABLE 21: CWPRA MONITORING PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
BA-0003-C	Naomi Outfall Management	\$13,200	\$3,000	\$0	\$16,200
BA-0020	Jonathan Davis Wetland Protection	\$4,500	\$4,500	\$4,500	\$13,500
BA-0027-C	Barataria Landbridge Shoreline Protection (Phase 3)	\$13,500	\$4,500	\$9,300	\$27,300
BA-0034-2	Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp	\$96,500	\$63,500	\$63,500	\$223,500
BA-0035	Chaland Pass to Grand Bayou	\$13,500	\$13,500	\$21,300	\$48,300
BA-0036	Dedicated Dredging on the Barataria Basin Landbridge	\$4,500	\$13,500	\$13,500	\$31,500
BA-0037	Little Lake Shoreline Protection/Dedicated Dredging Near Round Lake	\$6,000	\$13,500	\$6,000	\$25,500
BA-0038	Barataria Barrier Island Complex Project: Pelican Island and Pass La Mer to Chaland Pass Restoration	\$4,500	\$13,500	\$30,300	\$48,300
BA-0039	Mississippi River Sediment Delivery (Bayou Dupont)	\$21,902	\$11,100	\$6,600	\$39,602
BA-0042	Lake Hermitage Marsh Creation	\$11,700	\$6,000	\$2,100	\$19,800
BA-0048	Bayou Dupont Marsh and Ridge Creation	\$9,600	\$17,031	\$2,100	\$28,731
BA-0068	Grand Liard Marsh and Ridge Restoration	\$9,300	\$29,500	\$4,500	\$43,300
BA-0125	Northwest Turtle Bay Marsh Creation	\$156,000	\$6,000	\$15,600	\$177,600
BA-0164	Bayou Dupont Sediment Delivery Marsh Creation #3	\$31,959	\$6,000	\$2,100	\$40,059
BA-0171	Caminada Headlands Back Barrier Marsh Creation	\$79,600	\$6,000	\$6,000	\$91,600
BS-0003-A	Caernarvon Diversion Outfall Management	\$18,000	\$0	\$0	\$18,000
BS-0011	Delta Management at Fort St. Philip	\$102,000	\$13,500	\$13,500	\$129,000
BS-0016	South Lake Lery Shoreline and Marsh Restoration	\$24,593	\$3,000	\$3,000	\$30,593
BS-0032	Mid-Breton Land Bridge Marsh Creation and Terracing	\$47,315	\$28,807	\$95,954	\$172,076
CS-0004-A	Cameron-Creole Maintenance	\$62,400	\$54,000	\$37,200	\$153,600
CS-0011-B	Sweet Lake/Willow Lake Hydrologic Restoration	\$19,800	\$0	\$0	\$19,800
CS-0023	Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully	\$34,800	\$34,800	\$20,400	\$90,000
CS-0027	Black Bayou Hydrologic Restoration	\$17,400	\$17,400	\$3,000	\$37,800
CS-0028-3	Sabine Refuge Marsh Creation, Increment 3	\$17,400	\$3,000	\$3,000	\$23,400
CS-0028-4	Sabine Refuge Marsh Creation, Increment 4	\$17,400	\$3,000	\$3,000	\$23,400
CS-0029	Black Bayou Culverts Hydrologic Restoration	\$3,000	\$17,400	\$17,400	\$37,800
CS-0030	GIWW - Perry Ridge West Bank Stabilization	\$3,000	\$3,000	\$3,000	\$9,000
CS-0031	Holly Beach Sand Management	\$3,000	\$3,000	\$3,000	\$9,000
CS-0032	East Sabine Lake Hydrologic Restoration	\$12,600	\$3,000	\$3,000	\$18,600
CS-0049	Cameron-Creole Freshwater Introduction - Vegetative Plantings	\$3,000	\$3,000	\$17,400	\$23,400
CS-0054	Cameron-Creole Watershed Grand Bayou Marsh Creation	\$55,700	\$61,700	\$55,700	\$173,100
CS-0059	Oyster Bayou Marsh Creation & Terracing	\$37,760	\$37,760	\$34,560	\$110,080
CS-0066	Cameron Meadows Marsh Creation and Terracing	\$0	\$3,000	\$3,000	\$6,000
CS-0078	No Name Bayou Marsh Creation	\$0	\$3,000	\$3,000	\$6,000
CS-0079	Oyster Lake Marsh Creation and Nourishment	\$3,000	\$20,900	\$20,900	\$44,800
LA-0003-B	Coastwide Nutria Control Plan	\$150,000	\$160,787	\$165,610	\$476,397
LA-0039	Coastwide Plantings Program	\$111,500	\$97,100	\$89,900	\$298,500
ME-0004	Freshwater Bayou Wetland (Phases 1 & 2)	\$17,400	\$17,400	\$3,000	\$37,800
ME-0011	Humble Canal Hydrologic Restoration	\$17,160	\$17,160	\$15,000	\$49,320
ME-0013	Freshwater Bayou Bank Stabilization	\$9,800	\$3,000	\$3,000	\$15,800

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TABLE 21: CWPBRA MONITORING PROJECTED EXPENDITURES (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
ME-0014	Pecan Island Terracing	\$17,400	\$3,000	\$3,000	\$23,400
ME-0016	Freshwater Introduction South of Highway 82	\$24,960	\$17,160	\$17,160	\$59,280
ME-0018	Rockefeller Refuge Gulf Shoreline Stabilization	\$184,800	\$87,200	\$90,200	\$362,200
ME-0019	Grand-White Lakes Landbridge Protection	\$24,600	\$17,400	\$3,000	\$45,000
ME-0020	South Grand Chenier Hydrologic Restoration Project	\$0	\$0	\$3,000	\$3,000
ME-0022	South White Lake Shoreline Protection	\$22,200	\$3,000	\$3,000	\$28,200
ME-0031	Freshwater Bayou Marsh Creation	\$0	\$3,000	\$3,000	\$6,000
MR-0003	West Bay Sediment Diversion	\$44,128	\$8,210	\$28,120	\$80,458
MR-0009	Delta-Wide Crevasses	\$4,800	\$4,800	\$4,800	\$14,400
PO-0006	Fritch Marsh Restoration	\$3,000	\$3,000	\$3,000	\$9,000
PO-0018	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	\$1,200	\$1,200	\$1,200	\$3,600
PO-0022	Bayou Chevee Shoreline Protection	\$12,000	\$0	\$0	\$12,000
PO-0024	Hopedale Hydrologic Restoration	\$4,500	\$13,500	\$13,500	\$31,500
PO-0033	Goose Point/Point Platte Marsh Creation	\$10,800	\$3,000	\$3,000	\$16,800
PO-0075	LaBranche East Marsh Creation	\$0	\$100,589	\$3,600	\$104,189
PO-0104	Bayou Bonfouca Marsh Creation	\$84,714	\$3,000	\$3,000	\$90,714
PO-0133	LaBranche Central Marsh Creation	\$0	\$114,000	\$3,600	\$117,600
PO-0169	New Orleans Landbridge Shoreline Stabilization and Marsh Creation	\$4,500	\$89,500	\$4,500	\$98,500
PO-0178	Bayou La Loutre Ridge Restoration and Marsh Creation	\$9,537	\$3,000	\$95,297	\$107,834
TE-0034	Penchant Basin Natural Resources Plan, Increment 1	\$15,000	\$12,000	\$12,000	\$39,000
TE-0037	New Cut Dune/Marsh Restoration	\$6,000	\$6,000	\$12,000	\$24,000
TE-0040	Timbalier Island Dune/Marsh Restoration	\$30,000	\$1,200	\$1,200	\$32,400
TE-0044	North Lake Mechant Landbridge Restoration	\$28,800	\$28,800	\$6,000	\$63,600
TE-0046	West Lake Boudreaux Shoreline Protection and Marsh Creation	\$30,000	\$45,500	\$2,400	\$77,900
TE-0048	Raccoon Island Shoreline Protection/Marsh Creation	\$6,000	\$73,500	\$6,000	\$85,500
TE-0050	Whiskey Island Back Barrier Marsh Creation	\$28,800	\$21,600	\$64,000	\$114,400
TE-0052	West Belle Pass Barrier Headland Restoration	\$6,000	\$6,000	\$23,000	\$35,000
TE-0072	Lost Lake Marsh Creation and Hydrologic Restoration	\$68,000	\$12,000	\$71,000	\$151,000
TE-0138	Bayou DeCade Ridge and Marsh Creation	\$110,000	\$90,000	\$0	\$200,000
TV-0013-A	Oaks/Avery Canal Hydrologic Restoration, Increment 1	\$3,000	\$3,000	\$3,000	\$9,000
TV-0014	Marsh Island Hydrologic Restoration	\$3,000	\$0	\$0	\$3,000
TV-0015	Sediment Trapping at "The Jaws"	\$19,800	\$19,800	\$3,000	\$42,600
TV-0017	Lake Portage Land Bridge	\$3,000	\$3,000	\$3,000	\$9,000
TV-0018	Four Mile Canal Terracing and Sediment Trapping	\$12,000	\$19,800	\$19,800	\$51,600
TV-0021	East Marsh Island Marsh Creation	\$44,060	\$41,060	\$26,660	\$111,780
TV-0063	Coles Bayou Marsh Restoration	\$97,600	\$97,600	\$97,600	\$292,800
CRMS	Coastwide Reference Monitoring System	\$12,139,772	\$10,192,658	\$9,780,781	\$32,113,212
Total Expenditures		\$14,368,260	\$11,967,922	\$11,221,342	\$37,557,525
Federal CWPBRA Monitoring Expenditures		\$12,213,021	\$10,172,734	\$9,538,141	\$31,923,896
Trust Fund CWPBRA Monitoring Expenditures		\$2,155,239	\$1,795,188	\$1,683,201	\$5,633,629

TABLE 22: PROJECTED EXPENDITURES FOR MONITORING OF WRDA PROJECTS

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
BA-0001	Davis Pond Freshwater Diversion	\$541,134	\$553,243	\$565,698	\$1,660,075
BS-0008	Caernarvon Freshwater Diversion	\$469,250	\$475,591	\$484,057	\$1,428,898
Total Expenditures (GOMESA)¹		\$1,010,384	\$1,028,834	\$1,049,755	\$3,088,973

1. Monitoring expenditures of WRDA projects are subject to a 75% federal/25% state cost share. At present, CPRA is funding its 25% cost share of monitoring costs with GOMESA funds, and will seek reimbursement from the USACE for the 75% federal match.

TABLE 23: PROJECTED EXPENDITURES FOR MONITORING OF OTHER PROJECTS

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
BERM TO BARRIER PROJECTS¹					
BA-0040	Riverine Sand Mining/Scofield Island Restoration	\$6,000	\$104,246	\$6,000	\$116,246
BA-0110	Shell Island East	\$40,500	\$10,500	\$21,300	\$72,300
NFWF PROJECTS					
BA-0143	Caminada Headland Beach and Dune Restoration Increment 2	\$393,200	\$351,600	\$336,000	\$1,080,800
TE-0143	Terrebonne Basin Barrier Island	\$759,040	\$311,640	\$121,500	\$1,192,180
DEEPWATER HORIZON NRDA PROJECTS					
BA-0111	Shell Island West	\$350,000	\$22,000	\$92,800	\$464,800
BA-0141	NRDA Lake Hermitage Marsh Creation Increment 2	\$100,000	\$0	\$165,000	\$265,000
BA-0142	NRDA Cheniere Ronquille	\$325,000	\$22,000	\$92,800	\$439,800
BA-0197	West Grand Terre Beach Nourishment and Stabilization	\$190,000	\$100,000	\$0	\$290,000
BA-0202	Queen Bess Island Restoration	\$350,000	\$21,600	\$60,000	\$431,600
BA-0203	Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment	\$58,000	\$148,680	\$56,950	\$263,630
BA-0240	Bayou Grande Chenier Marsh and Ridge Restoration	\$0	\$92,400	\$10,800	\$103,200
CS-0080	Rabbit Island Restoration	\$106,000	\$92,400	\$10,800	\$209,200
PO-0163	Golden Triangle Marsh Creation	\$58,000	\$158,000	\$58,000	\$274,000
PO-0174	Biloxi Marsh Living Shoreline	\$58,000	\$158,000	\$58,000	\$274,000
PO-0180	Lake Borgne Marsh Creation - Increment One	\$58,000	\$158,000	\$58,000	\$274,000
TE-0100	NRDA Caillou Lake Headlands	\$350,000	\$165,200	\$141,600	\$656,800
SURPLUS PROJECTS²					
BA-0045	Caminada Headland Restoration	\$193,200	\$87,000	\$18,000	\$298,200
USACE MITIGATION PROJECTS					
BA-0109	HSDRRS Mitigation - WBV	\$33,225	\$21,000	\$12,000	\$66,225
BA-0154	Previously Authorized Mitigation - WBV	\$12,000	\$12,000	\$12,000	\$36,000
BA-0158	New Orleans to Venice Mitigation - Plaquemines Non-Federal	\$7,500	\$7,500	\$7,500	\$22,500
BA-0159	New Orleans to Venice Mitigation - Federal	\$7,500	\$7,500	\$7,500	\$22,500
PO-0038-SF	MRGO Closure Structure	\$3,000	\$0	\$0	\$3,000
PO-0121	HSDRRS Mitigation - LPV	\$18,000	\$258,076	\$187,136	\$463,212
PO-0145	LPV Task Force Guardian Mitigation - Bayou Sauvage	\$75,494	\$7,500	\$7,500	\$90,494
PO-0146	LPV Mitigation Project, Manchac WMA Marsh Creation	\$7,500	\$7,500	\$0	\$15,000
LOSCO PROJECTS					
BA-0196	LOSCO- EML	\$32,000	\$12,000	\$12,000	\$56,000
LA-0278	General Oil Spill - LOSCO	\$41,000	\$41,000	\$41,000	\$123,000
LA-0283	Multiple Oil Spill - LOSCO	\$133,000	\$53,000	\$53,000	\$239,000

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TABLE 23: PROJECTED EXPENDITURES FOR MONITORING OF OTHER PROJECTS (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
STATE-ONLY PROJECTS					
PO-0142	Hydrologic Restoration of the Amite River Diversion Canal	\$66,825	\$37,335	\$28,700	\$132,860
PO-0148	Living Shoreline	\$16,800	\$52,800	\$3,000	\$72,600
Total Expenditures		\$3,848,784	\$2,520,477	\$1,678,886	\$7,975,547
NFWF Expenditures (See Table 28)		\$1,152,240	\$351,600	\$336,000	\$1,839,840
<i>Deepwater Horizon NRDA Expenditures (See Table 28)</i>		\$2,003,000	\$1,138,280	\$804,750	\$3,946,030
Surplus Expenditures (See Table 20)		\$193,200	\$87,000	\$18,000	\$298,200
LOSCO Expenditures		\$206,000	\$106,000	\$106,000	\$418,000
Trust Fund Expenditures		\$294,344	\$837,597	\$414,136	\$1,546,077
1. Monitoring expenditures funded with remaining Berm to Barrier funds (included in Trust Fund Carry Forward in Table 12). 2. Monitoring expenditures funded with Surplus funds (see Table 20).					

TABLE 24: CWPRA PROJECTS WITH O&M BUDGET PROJECT EXPENDITURES^{1,2,3}

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
BA-0002	GIWW (Gulf Intracoastal Waterway) to Clovelly Hydrologic Restoration	\$447,652	\$0	\$0	\$447,652
BA-0003-C	Naomi Outfall Management	\$90,096	\$0	\$0	\$90,096
BA-0020	Jonathan Davis Wetland Protection	\$111,609	\$2,668,178	\$7,260	\$2,787,047
BA-0027	Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2	\$10,000	\$3,600	\$4,800	\$18,400
BA-0027-C	Barataria Basin Landbridge Shoreline Protection, Phase 3	\$35,800	\$32,200	\$29,800	\$97,800
BA-0027-D	Barataria Basin Landbridge Shoreline Protection Phase 4	\$130,000	\$3,600	\$4,800	\$138,400
BA-0034-2	Hydrologic Restoration and Vegetative Plantings in the des Allemands Swamp	\$50,000	\$4,800	\$4,800	\$59,600
BA-0035	Pass Chaland to Grand Bayou Pass Barrier Shoreline Restoration	\$5,091	\$5,209	\$5,210	\$15,510
BA-0037	Little Lake Shoreline Protection/ Dedicated Dredging Near Round Lake	\$6,000	\$4,800	\$4,800	\$15,600
BA-0038	Pelican Island and Pass La Mer to Chaland Pass Restoration	\$154,120	\$5,683	\$5,683	\$165,486
BA-0039	Bayou Dupont Sediment Delivery System	\$592	\$592	\$592	\$1,776
BA-0041	South Shore of the Pen Shoreline Protection and Marsh Creation	\$126,226	\$3,670	\$3,670	\$133,567
BA-0042	Lake Hermitage Marsh Creation	\$592	\$8,170	\$8,170	\$16,931
BA-0048	Bayou Dupont Marsh and Ridge Creation	\$592	\$13,794	\$13,794	\$28,179
BA-0068	Grand Liard Marsh and Ridge Restoration	\$592	\$11,485	\$11,485	\$23,562
BA-0125	Northwest Turtle Bay Marsh Creation	\$136,000	\$6,000	\$6,000	\$148,000
BA-0164	Bayou Dupont Sediment Delivery - Marsh Creation 3	\$97,791	\$592	\$592	\$98,975
BA-0171	Caminada Headland Back Barrier Marsh Creation	\$6,000	\$6,000	\$6,000	\$18,000
BA-0173	Bayou Grande Chenier Marsh and Ridge Restoration	\$2,368	\$21,554	\$21,554	\$45,477
BS-0003-A	Caernarvon Diversion Outfall Management	\$86,250	\$86,250	\$0	\$172,500
BS-0011	Delta Management at Fort St. Philip	\$6,600	\$6,720	\$6,720	\$20,040
BS-0016	South Lake Lery Shoreline and Marsh Restoration	\$118,200	\$380,250	\$6,000	\$504,450
BS-0024	Terracing and Marsh Creation South of Big Mar	\$2,400	\$0	\$0	\$2,400
BS-0032	Mid-Breton Land Bridge Marsh Creation and Terracing	\$0	\$0	\$20,700	\$20,700
CS-0004-A	Cameron-Creole Maintenance	\$2,775,000	\$2,770,200	\$195,000	\$5,740,200
CS-0011-B	Sweet Lake/Willow Lake Hydrologic Restoration	\$13,200	\$6,000	\$0	\$19,200
CS-0023	Replace Sabine Refuge Water Control Structures at Headquarters Canal, West Cove Canal, and Hog Island Gully	\$1,355,208	\$1,190,208	\$531,500	\$3,076,916
CS-0027	Black Bayou Hydrologic Restoration	\$21,000	\$21,000	\$21,000	\$63,000
CS-0028-2	Sabine Refuge Marsh Creation, Increment 2	\$439,000	\$439,000	\$439,000	\$1,317,000
CS-0028-4-5	Sabine Refuge Marsh Creation, Increments 4 & 5	\$149,000	\$4,800	\$7,200	\$161,000
CS-0029	Black Bayou Culverts Hydrologic Restoration	\$58,900	\$79,000	\$57,000	\$194,900
CS-0030	GIWW - Perry Ridge West Bank Stabilization	\$359,000	\$4,800	\$0	\$363,800
CS-0031	Holly Beach Sand Management	\$26,000	\$4,800	\$0	\$30,800
CS-0032	East Sabine Lake Hydrologic Restoration	\$948,500	\$880,800	\$6,000	\$1,835,300
CS-0049	Cameron-Creole Freshwater Introduction - Vegetative Plantings	\$66,000	\$66,000	\$66,000	\$198,000
CS-0054	Cameron-Creole Watershed Grand Bayou Marsh Creation	\$6,000	\$137,000	\$137,000	\$280,000
CS-0059	Oyster Bayou Marsh Creation & Terracing	\$102,000	\$6,000	\$6,000	\$114,000
CS-0066	Cameron Meadows Marsh Creation and Terracing	\$4,800	\$3,600	\$3,600	\$12,000
LA-0003-B	Coastwide Nutria Control Program	\$3,231,000	\$3,101,789	\$3,119,062	\$9,451,851
LA-0039	Coastwide Plantings Program	\$64,128	\$36,400	\$17,200	\$117,728
ME-0004	Freshwater Bayou Wetland (Phases 1 & 2)	\$4,800	\$4,800	\$4,800	\$14,400
ME-0011	Humble Canal Hydrologic Restoration	\$289,000	\$19,800	\$0	\$308,800

TABLE 24: CWPRA PROJECTS WITH O&M BUDGET PROJECT EXPENDITURES^{1,2,3} (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
ME-0013	Freshwater Bayou Bank Stabilization	\$4,800	\$4,800	\$4,800	\$14,400
ME-0014	Pecan Island Terracing	\$4,800	\$4,800	\$4,800	\$14,400
ME-0016	Freshwater Introduction South of Highway 82	\$2,025,750	\$779,000	\$14,800	\$2,819,550
ME-0018	Rockefeller Refuge Gulf Shoreline Stabilization	\$86,000	\$19,800	\$19,800	\$125,600
ME-0019	Grand-White Lakes Landbridge Protection	\$454,800	\$419,800	\$4,800	\$879,400
ME-0020	South Grand Chenier Hydrologic Restoration Project	\$0	\$4,800	\$890,800	\$895,600
ME-0021	Grand Lake Shoreline Protection (CIAP + Tebo Point)	\$14,800	\$14,800	\$14,800	\$44,400
ME-0022	South White Lake Shoreline Protection	\$9,800	\$9,800	\$9,800	\$29,400
MR-0009	Delta Wide Crevasses	\$1,059,000	\$6,000	\$6,000	\$1,071,000
PO-0006	Fritchie Marsh Restoration	\$100,000	\$0	\$0	\$100,000
PO-0016	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 1	\$4,200	\$0	\$0	\$4,200
PO-0018	Bayou Sauvage National Wildlife Refuge Hydrologic Restoration, Phase 2	\$4,200	\$0	\$0	\$4,200
PO-0022	Bayou Chevee Shoreline Protection	\$103,357	\$0	\$0	\$103,357
PO-0024	Hopedale Hydrologic Restoration	\$171,000	\$10,860	\$10,860	\$192,720
PO-0030	Lake Borgne Shoreline Protection	\$1,027,000	\$6,000	\$6,000	\$1,039,000
PO-0033	Goose Point/Point Platte Marsh Creation	\$6,000	\$4,200	\$4,200	\$14,400
PO-0075	LaBranche East Marsh Creation	\$0	\$4,200	\$4,200	\$8,400
PO-0104	Bayou Bonfouca Marsh Creation Project	\$19,300	\$3,000	\$145,500	\$167,800
PO-0133	LaBranche Central Marsh Creation	\$4,200	\$4,200	\$4,200	\$12,600
PO-0169	New Orleans Landbridge Shoreline Stabilization and Marsh Creation	\$4,500	\$20,700	\$20,700	\$45,900
TE-0028	Brady Canal Hydrologic Rest.	\$23,000	\$0	\$0	\$23,000
TE-0034	Penchant Basin Natural Resources Plan Increment 1	\$125,000	\$4,800	\$4,800	\$134,600
TE-0037	New Cut Dune and Marsh Restoration	\$9,000	\$7,800	\$7,800	\$24,600
TE-0039	South Lake Decade Freshwater Introduction	\$4,800	\$4,800	\$4,800	\$14,400
TE-0040	Timbalier Island Dune and Marsh Restoration	\$154,800	\$7,800	\$7,800	\$170,400
TE-0043	GIWW Bank Restoration of Critical Areas in Terrebonne	\$523,251	\$17,200	\$148,000	\$688,451
TE-0044	North Lake Mechant Landbridge Restoration	\$97,000	\$10,800	\$4,800	\$112,600
TE-0045	Terrebonne Bay Shore Protection Demonstration	\$6,000	\$0	\$0	\$6,000
TE-0046	West Lake Boudreaux Shoreline Protection and Marsh Creation	\$4,800	\$4,800	\$4,800	\$14,400
TE-0048	Raccoon Island Shoreline Protection/Marsh Creation	\$102,000	\$4,800	\$4,800	\$111,600
TE-0050	Whiskey Island Back Barrier Marsh Creation	\$212,000	\$10,200	\$7,800	\$230,000
TE-0052	West Belle Pass Barrier Headland Restoration	\$100,000	\$4,800	\$4,800	\$109,600
TE-0072	Lost Lake Marsh Creation and Hydrologic Restoration	\$90,000	\$84,000	\$84,000	\$258,000
TE-0138	Bayou DeCade Ridge and Marsh Creation	\$199,000	\$6,000	\$6,000	\$211,000
TV-0004	Cote Blanche Hydrologic Restoration	\$4,680,200	\$3,872,000	\$4,800	\$8,557,000
TV-0013-A	Oaks/Avery Canal Hydrologic Restoration, Increment 1	\$322,000	\$197,500	\$0	\$519,500
TV-0014	Marsh Island Hydrologic Restoration	\$4,800	\$0	\$0	\$4,800
TV-0015	Sediment Trapping at "The Jaws"	\$62,000	\$4,800	\$4,800	\$71,600
TV-0017	Lake Portage Land Bridge	\$4,800	\$4,800	\$0	\$9,600
TV-0018	Four Mile Canal Terracing and Sediment Trapping	\$122,000	\$4,800	\$4,800	\$131,600
TV-0021	East Marsh Island Marsh Creation	\$54,800	\$4,800	\$4,800	\$64,400
TV-0063	Coles Bayou Marsh Restoration	\$4,800	\$86,000	\$4,800	\$95,600
Total CWPRA O&M Expenditures		\$23,546,665	\$17,708,404	\$6,263,052	\$47,518,121
Federal CWPRA O&M Expenditures		\$20,014,666	\$15,052,144	\$5,323,594	\$40,390,403
State CWPRA O&M Expenditures		\$3,532,000	\$2,656,261	\$939,458	\$7,127,718

1. Table shows all approved CWPRA projects. Demonstration and vegetative planting projects are not shown as they have no O&M budgets. Other projects without O&M budgets have "None" entered in the budget columns. Projects not scheduled to complete within a given year have "Not Constructed" entered in the budget column(s).
 2. State share is based on CWPRA cost share of 85% Federal/15% State except for PPL 5-6 projects, which have a 90% Federal/10% State cost share.
 3. Projects that the USACE is responsible for O&M are indicated by (USACE) after the project number.

TABLE 25: O&M PROJECTED EXPENDITURES FOR CWPRA PROJECTS WITHOUT FEDERAL COST SHARE

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
TE-0020	Isles Dernieres Restoration East Island	\$7,800	\$7,800	\$7,800	\$23,400
TE-0024	Isles Dernieres Restoration Trinity Island	\$7,800	\$7,800	\$7,800	\$23,400
TE-0025	East Timbalier Island Sediment Restoration, Phase 1	\$7,800	\$4,800	\$4,800	\$17,400
TE-0027	Whiskey Island Restoration	\$7,800	\$7,800	\$7,800	\$23,400
TE-0030	East Timbalier Island Sediment Restoration, Phase 2	\$7,800	\$4,800	\$4,800	\$17,400
Total Expenditures		\$39,000	\$33,000	\$33,000	\$105,000

TABLE 26: PROJECTED EXPENDITURES FOR O&M OF WRDA PROJECTS

ID	Project Name	FY 2021	FY 2022	FY 2024	Program Total (FY 2022 - 2024)
BA-0001	Davis Pond Freshwater Diversion	\$1,130,144	\$865,200	\$1,565,200	\$3,560,544
BS-0008	Caernarvon Freshwater Diversion	\$750,000	\$150,200	\$150,200	\$1,050,400
Total Expenditures (GOMESA)¹		\$1,880,144	\$1,015,400	\$1,715,400	\$4,610,944

1. O&M expenditures of WRDA projects are subject to a 75% federal/25% state cost share. At present, CPRA is funding its 25% cost share of O&M costs with GOMESA funds, and will seek reimbursement from the USACE for the 75% federal match.

TABLE 27: PROJECTED EXPENDITURES FOR O&M OF OTHER PROJECTS

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
HURRICANE PROTECTION PROJECTS					
BA-0066	West Bank and Vicinity ¹	\$325,376	\$350,925	\$317,431	\$993,732
BA-0067	New Orleans and Vicinity ¹	\$293,616	\$308,297	\$300,665	\$902,578
LA-0154	FEMA LAMP ¹	\$72,480	\$78,984	\$86,383	\$237,847
LA-0206	HSDRRS Armoring ¹	\$63,648	\$66,830	\$70,172	\$200,650
LA-0253	Flood Protection Inspections ¹	\$315,080	\$341,284	\$358,348	\$1,014,712
LA-0269	CPRA Letter of No Objection	\$521,664	\$547,747	\$575,135	\$1,644,546
LA-0271	O&M Division State Wide Levee Board Meetings	\$127,296	\$133,661	\$140,344	\$401,301
PO-0057	SELA - Overall ¹	\$108,696	\$91,631	\$81,300	\$281,627
PO-0060	Permanent Canal Closures and Pump Stations ¹	\$182,280	\$189,177	\$43,680	\$415,137
PO-0063	Lake Pontchartrain and Vicinity ¹	\$259,816	\$214,807	\$201,985	\$676,608
PO-0096	Flood Protection Assistance ¹	\$1,057,280	\$1,110,144	\$1,165,651	\$3,333,075
USACE MITIGATION PROJECTS					
BA-0109	HSDRRS Mitigation - WBV	\$19,200	\$48,600	\$289,700	\$357,500
BA-0154	Previously Authorized Mitigation - WBV	\$19,200	\$19,200	\$48,600	\$87,000
BA-0158	New Orleans to Venice Mitigation - Plaquemines Non-Federal	\$7,200	\$7,200	\$7,200	\$21,600
BA-0159	New Orleans to Venice Mitigation - Federal	\$7,200	\$7,200	\$7,200	\$21,600
PO-0038SF	MRGO Closure Structure	\$58,200	\$28,200	\$58,200	\$144,600
PO-0093	MRGO - Lake Borgne -Bayou Dupre Segment	\$8,100	\$8,100	\$8,100	\$24,300
PO-0094	MRGO - Lake Borgne -Bayou Bienvenue Segment	\$8,100	\$8,100	\$8,100	\$24,300
PO-0095	MRGO - Lake Borgne -Shell Beach Segment	\$8,100	\$8,100	\$8,100	\$24,300
PO-0121	HSDRRS Mitigation - LPV	\$39,380	\$51,840	\$140,400	\$231,620
PO-0145	LPV Task Force Guardian Mitigation - Bayou Sauvage	\$18,944	\$18,944	\$18,944	\$56,832

TABLE 27: PROJECTED EXPENDITURES FOR O&M OF OTHER PROJECTS (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
PO-0146	LPV Mitigation Project, Manchac WMA Marsh Creation	\$13,460	\$13,460	\$13,460	\$40,380
PO-0152	Lake Borgne and MRGO Shoreline Protection	\$8,100	\$8,100	\$8,100	\$24,300
NFWF PROJECTS					
BA-0143	Caminada Headland Beach and Dune Restoration INCR 2	\$300,000	\$104,000	\$262,000	\$666,000
TE-0143	Terrebonne Basin Barrier Island	\$339,250	\$38,500	\$38,500	\$416,250
DEEPWATER HORIZON NRDA PROJECTS					
BA-0111	Shell Island West - NRDA	\$100,000	\$137,000	\$0	\$237,000
BA-0142	NRDA Cheniere Ronquille Barrier Island Restoration	\$281,700	\$134,200	\$0	\$415,900
BA-0197	West Grand Terre Beach Nourishment and Stabilization	\$575,000	\$1,070,350	\$35,000	\$1,680,350
BA-0202	Queen Bess Island Restoration	\$543,800	\$6,300	\$6,300	\$556,400
BA-0203	Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment	\$363,362	\$406,473	\$132,613	\$902,448
BA-0240	Bayou Grande Chenier Marsh and Ridge Restoration	\$0	\$0	\$189,671	\$189,671
CS-0080	Rabbit Island Restoration	\$742,272	\$79,000	\$351,200	\$1,172,472
PO-0174	Biloxi Marsh Living Shoreline	\$0	\$6,000	\$85,023	\$91,023
PO-0180	Lake Borgne Marsh Creation - Increment 1	\$0	\$0	\$43,110	\$43,110
TE-0100	NRDA Caillou Lake Headlands	\$844,000	\$719,000	\$44,000	\$1,607,000
STATE-ONLY PROJECTS					
BA-0003	Naomi Siphon	\$50,000	\$12,500	\$12,500	\$75,000
BA-0004	West Point a la Hache Siphon	\$250,000	\$12,500	\$12,500	\$275,000
BA-0005	Fort Livingston	\$73,000	\$12,300	\$12,300	\$97,600
BA-0015-X1	Lake Salvador Shoreline Protection Project Extension	\$6,000	\$0	\$0	\$6,000
BA-0015-X2	Lake Salvador Shoreline Protection Project Extension Phase 3	\$6,000	\$0	\$0	\$6,000
BA-0016	Bayou Segnette Shoreline Protection	\$6,000	\$0	\$0	\$6,000
CS-0002	Rycade Canal	\$34,000	\$9,000	\$9,000	\$52,000
LA-0013	Coastal Forest Conservation Initiative	\$200,000	\$0	\$0	\$200,000
LA-0099	Public Outreach and Field Trips	\$20,400	\$20,400	\$20,400	\$61,200
LA-0273	Gulf Coast Joint Venture and Partnerships	\$8,800	\$8,800	\$8,800	\$26,400
ME-0001	Pecan Island Structure	\$19,800	\$19,800	\$19,800	\$59,400
PO-0001	Violet Siphon	\$5,400	\$5,400	\$5,400	\$16,200
PO-0036	Orleans Landbridge	\$7,200	\$7,200	\$7,200	\$21,600
PO-0072	Biloxi Marsh	\$51,240	\$31,240	\$31,240	\$113,720
PO-0142	Hydrologic Restoration of the Amite River Diversion Canal	\$37,660	\$37,660	\$48,000	\$123,320
PO-0148	Living Shoreline	\$33,900	\$33,900	\$33,900	\$101,700
TE-0044	North Lake Mechant Landbridge Restoration	\$2,136,000	\$0	\$0	\$2,136,000
TV-0072	Quintana Canal	\$159,000	\$2,038,000	\$14,800	\$2,211,800
TV-0013-B	Avery Canal	\$39,800	\$39,800	\$19,800	\$99,400
N/A	Maintenance Surveys	\$34,200	\$34,200	\$34,200	\$102,600
N/A	GPS Network (continued development and maintenance)	\$83,400	\$83,400	\$83,400	\$250,200
Total Expenditures		\$10,893,600	\$8,767,454	\$5,517,855	\$25,178,909
NFWF Expenditures (See Table 28)		\$639,250	\$142,500	\$300,500	\$1,082,250
<i>Deepwater Horizon NRDA Expenditures (See Table 28)</i>		\$3,450,134	\$2,558,323	\$886,917	\$6,895,374
Surplus Expenditures (See Table 20)		\$1,833,280	\$1,861,957	\$1,779,386	\$5,474,623
Trust Fund Expenditures		\$4,970,936	\$4,204,674	\$2,551,052	\$11,726,662

1. Expenditures partially funded with Surplus funds (see Table 20).

TABLE 28: OIL SPILL PROJECTED EXPENDITURES¹

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
DEEPWATER HORIZON NRDA PROJECTS					
BA-0153	Mid-Barataria Sediment Diversion (Construction)	\$100,000	\$108,692,518	\$368,676,222	\$477,468,740
BA-0197	West Grand Terre Beach Nourishment and Stabilization	\$21,000,000	\$0	\$0	\$21,000,000
BA-0203	Barataria Basin Ridge and Marsh Restoration - Spanish Pass Increment	\$75,000,000	\$12,000,000	\$0	\$87,000,000
BA-0207	Large-Scale Barataria Marsh Creation	\$100,000	\$100,000	\$40,000	\$240,000
BA-0213	Bayou Segnette State Park Improvements	\$1,454,991	\$0	\$0	\$1,454,991
BA-0214	Grand Isle State Park Improvements	\$3,714,800	\$500,000	\$0	\$4,214,800
BA-0240	Grand Cheniere Ridge Marsh Creation	\$20,633,112	\$40,156,762	\$210,126	\$61,000,000
LA-0316	Avian Habitat Restoration and Monitoring Guidance	\$564,194	\$0	\$0	\$564,194
MR-0173	Birdsfoot Hydrologic Restoration	\$3,096,223	\$996,223	\$103,112	\$4,195,558
PO-0163	Golden Triangle Marsh Creation	\$18,000,000	\$19,000,000	\$2,000,000	\$39,000,000
PO-0174	Biloxi Marsh Living Shoreline	\$21,750,000	\$21,750,000	\$10,815,467	\$54,315,467
PO-0180	Lake Borgne Marsh Creation - Increment 1	\$45,060,000	\$35,060,000	\$13,060,000	\$93,180,000
PO-0190	Isle au Pitre Restoration	\$1,540,000	\$109,000	\$35,080,000	\$36,729,000
PR-0001	Middle Pearl River WMA Boat Launch	\$775,000	\$0	\$0	\$775,000
TE-0139	Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment	\$16,250,000	\$49,000,000	\$49,000,000	\$114,250,000
TE-0146	Pointe-aux-Chenes WMA Enhancements	\$500,000	\$0	\$0	\$500,000
TE-0165	Terrebonne HNC Island Restoration	\$1,148,590	\$902,115	\$24,728,550	\$26,779,255
TV-0081	Cypremort Point State Park Improvements	\$2,162,000	\$842,000	\$0	\$3,004,000
Not Avail.	Barrier Island Restoration - Breton Sound ²	\$3,500,000	\$2,000,000	\$3,000,000	\$8,500,000
Not Avail.	Barrier Island Restoration - Terrebonne Basin ²	\$2,000,000	\$2,000,000	\$2,000,000	\$6,000,000
Not Avail.	Large-Scale Marsh Creation - Pontchartrain Basin ²	\$2,000,000	\$1,500,000	\$2,000,000	\$5,500,000
N/A	NRDA Recreational Use 1 (External Lead) ³	\$5,451,000	\$6,000,000	\$4,000,000	\$15,451,000
N/A	NRDA Recreational Use 2 (External Lead) ³	\$5,732,804	\$0	\$0	\$5,732,804
N/A	NRDA Restoration Plan 5 - Oysters	\$8,210,000	\$0	\$0	\$8,210,000
N/A	NRDA Restoration Planning	\$4,541,392	\$4,099,640	\$3,570,898	\$12,211,930
N/A	Regionwide Trustee Implementation Group	\$785,887	\$780,000	\$780,000	\$2,345,887
N/A	NRDA Adaptive Management	\$2,500,000	\$2,500,000	\$2,500,000	\$7,500,000
N/A	NRDA OM&M (See Tables 22 and 26)	\$13,501,733	\$11,043,762	\$9,905,564	\$34,451,059
		\$5,453,134	\$3,696,603	\$1,691,667	\$10,841,404
Total Deepwater Horizon NRDA Expenditures		\$286,524,860	\$322,728,623	\$533,161,606	\$1,142,415,089
NFWF PROJECTS					
BA-0153	Mid-Barataria Sediment Diversion (E&D)	\$17,031,005	\$0	\$0	\$17,031,005
BS-0030	Mid-Breton Sediment Diversion	\$23,549,557	\$22,258,318	\$12,621,827	\$58,429,702
LA-0276	Sediment Diversion Management	\$3,686,867	\$1,836,147	\$0	\$5,523,014
TE-0110	Increase Atchafalaya Flow to Eastern Terrebonne	\$3,750,000	\$3,000,000	\$6,000,000	\$12,750,000
TE-0143	Terrebonne Basin Barrier Island and Beach Nourishment	\$55,000,000	\$500,000	\$0	\$55,500,000
N/A	NFWF Adaptive Management	\$1,050,000	\$1,050,000	\$1,050,000	\$3,150,000
N/A	NFWF OM&M (See Tables 22 and 26)	\$1,791,490	\$494,100	\$636,500	\$2,922,090
Total NFWF Expenditures		\$105,858,919	\$29,138,565	\$20,308,327	\$155,305,811
RESTORE PROJECTS					
BA-0209	Paradis Canal Gate ³	\$859,833	\$11,500	\$0	\$871,333
BS-0034	Lake Lery Marsh Creation (Phase 2) ³	\$800,527	\$86,111	\$30,000	\$916,638

TABLE 28: OIL SPILL PROJECTED EXPENDITURES¹ (CONTINUED)

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
CS-0087	Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration	\$4,150,000	\$3,150,000	\$26,725,000	\$34,025,000
ME-0035	Rockefeller Shoreline Protection - RESTORE Parish Matching ³	\$3,135,482	\$11,500	\$0	\$3,146,982
MR-0168	Lowermost Mississippi River Management Program	\$4,000,000	\$3,300,000	\$0	\$7,300,000
PO-0029	River Reintroduction into Maurepas Swamp	\$10,000,000	\$75,000,000	\$80,000,000	\$165,000,000
PO-0183	Manchac Landbridge (Rock Breakwater) Shoreline Protection Project ³	\$1,311,949	\$11,500	\$0	\$1,323,449
TE-0113	Houma Navigation Canal Lock Complex	\$30,000,000	\$110,000,000	\$140,000,000	\$280,000,000
TE-0145	Grand Bayou Freshwater Reintroduction ³	\$232,069	\$107,500	\$11,500	\$351,069
TV-0079	Freshwater Bayou Canal Shoreline Protection ³	\$549,268	\$11,500	\$0	\$560,768
N/A	RESTORE Adaptive Management	\$7,994,679	\$7,488,696	\$7,405,129	\$22,888,504
N/A	RESTORE Bucket 2 Planning Grants	\$300,000	\$300,000	\$0	\$600,000
N/A	Parish Matching Program - CPRA Costs	\$200,000	\$200,000	\$100,000	\$500,000
N/A	RESTORE Center of Excellence	\$1,040,000	\$1,000,000	\$1,235,000	\$3,275,000
Total RESTORE Expenditures		\$64,573,808	\$200,678,307	\$255,506,629	\$520,758,744
Total Oil Spill Expenditures		\$456,957,586	\$552,545,495	\$808,976,562	\$1,818,479,643

1. Red font denotes projected expenditures for which funding has not yet been procured.
 2. Project currently anticipated to be authorized for implementation in FY 2022 (subject to TIG approval).
 3. Expenditures represent matching funds for project implementation to eligible parishes identified in 33 U.S.C. §1321(t)(1)(D)(II) provided that the project constitutes an eligible activity under 31 C.F.R. §§ 34.201 and 34.203 and meets the purposes identified in La. R.S. 49:214.5.4(G) & (I).

TABLE 29: GOMESA PROJECTED EXPENDITURES

ID	Project Name	FY 2022	FY 2023	FY 2024	Program Total (FY 2022 - 2024)
AT-0017	Bayou Chene Option 1	\$34,113,573	\$0	\$0	\$34,113,573
BA-0075-2	Rosethorne Basin Phase 1 & 2 (LAILD)	\$1,000,000	\$10,000,000	\$0	\$11,000,000
BA-0219	Davis Pond Upper Barataria Risk Reduction (LBLD)	\$5,335,520	\$0	\$0	\$5,335,520
BA-0220	Sunset Levee Upper Barataria Risk Reduction (LBLD)	\$3,500,000	\$0	\$0	\$3,500,000
BA-0221	Pumping Capacity Improvements Phase 1 (BLFWD)	\$3,000,000	\$3,000,000	\$3,000,000	\$9,000,000
BA-0222	NOV-NF Drainage Canal Relocation (Plaquemines Parish)	\$6,551,523	\$0	\$0	\$6,551,523
BA-0223	Goose Bayou (Penn Levee) (LAILD)	\$0	\$12,000,000	\$8,000,000	\$20,000,000
BA-0231	Storm Surge Risk Reduction for Reach E-North (SLLD)	\$906,000	\$0	\$0	\$906,000
BA-0233	Grand Isle Bayside Segmented Breakwater (Phase IV) (GIILD)	\$2,150,000	\$0	\$0	\$2,150,000
BA-0241	Zeller Larousse Phase II levee improvements (NLLD)	\$1,000,000	\$0	\$0	\$1,000,000
BA-0242	Levee improvements for Gheens community Phase II (NLLD)	\$2,275,000	\$0	\$0	\$2,275,000
BA-0243	100-yr Levee Lift; NOV-NF-W-4, Oakville to LaReusitte and MRL 179 (Plaquemines Parish)	\$6,000,000	\$4,000,000	\$0	\$10,000,000
BA-0244	T-Wall Kellog Pump Station (St. Charles Parish)	\$2,500,000	\$0	\$0	\$2,500,000
BA-0246	Storm Surge Risk Reduction for reach D-South Elevation to +18 ft includes D-Ramp (SLLD)	\$500,000	\$0	\$0	\$500,000
BA-0247	Floodwall Improvement for reach D-South at Crawfish Farm (SLLD)	\$1,700,000	\$0	\$0	\$1,700,000
BA-0248	Ludevine Pump Station (NLLD)	\$2,800,000	\$0	\$0	\$2,800,000
BA-0249	Larose Floodwall (SLLD)	\$1,000,000	\$0	\$0	\$1,000,000
BA-0250	Section F Berm Improvement (SLLD)	\$1,000,000	\$0	\$0	\$1,000,000
BA-0251	Port Fourchon Shoreline Protection (Port Fourchon)	\$2,000,000	\$0	\$0	\$2,000,000
BS-0033	East Bank Sediment Transport Corridor (St. Bernard Parish)	\$1,000,000	\$0	\$0	\$1,000,000
PO-0062	West Shore Lake Pontchartrain (PLD)	\$7,000,000	\$0	\$0	\$7,000,000
PO-0184	St. Tammany Ring Levee (St. Tammany Parish)	\$3,035,520	\$3,000,000	\$2,964,480	\$9,000,000
PO-0187	Jefferson Parish Lakefront Shoreline Protection (Jefferson Parish)	\$2,000,000	\$0	\$0	\$2,000,000
TE-0147	Hollywood Canal Closure Structure (NLLD)	\$5,135,520	\$0	\$0	\$5,135,520
TE-0151	Grand Bayou Floodgate	\$6,000,000	\$0	\$0	\$6,000,000
TE-0158	Reach L Mitigation (SLLD) ¹	\$1,000,000	\$0	\$0	\$1,000,000
TE-0159	Elliot Jones Pump Station (TLCD)	\$9,200,000	\$800,000	\$0	\$10,000,000
TE-0167	MTG Reach E Levee Lift (TLCD)	\$1,000,000	\$0	\$0	\$1,000,000
TV-0077	North Vermilion Bay Shoreline Protection (Vermilion Parish)	\$2,000,000	\$0	\$0	\$2,000,000
TV-0085	Yokley Levee Extension (SMLD)	\$4,000,000	\$0	\$0	\$4,000,000
TV-0086	Jefferson Canal Flap Gate (Iberia Parish)	\$2,596,000	\$0	\$0	\$2,596,000
N/A	Tangipahoa Parish Feasibility Study	\$100,000	\$300,000	\$300,000	\$700,000
N/A	Flood Risk and Resilience Program	\$10,000,000	\$0	\$0	\$10,000,000
N/A	GOMESA CPRA Allocation	\$2,628,000	\$2,700,000	\$2,700,000	\$8,028,000
N/A	GOMESA OM&M - Diversions	\$7,890,528	\$12,044,234	\$2,765,155	\$22,699,917
N/A	GOMESA Adaptive Management (See Table 10)	\$11,900,000	\$8,675,000	\$2,425,000	\$23,000,000
N/A	Future GOMESA Projects (TBD) ²	\$0	\$135,043,874	\$67,845,365	\$202,889,239
Total Expenditures		\$153,817,184	\$191,563,108	\$90,000,000	\$435,380,292

1. Funding may be utilized for implementation of Reach L of Morganza to the Gulf (TE-0064).
 2. GOMESA funding in outlying years is contingent upon receipt of sufficient funding. Projects proposed to begin receiving funding in FY 2022-2023 include the following:
 - Magnolia Ridge Levee Pipeline T-Wall (St. Charles Parish)- FY 2023
 - Grand Bayou Pump Station (Lafourche Parish)- FY 2023
 - HNC Lock Complex (TLCD)- FY 2023

FY 2022 ANNUAL PLAN



APPENDICES



TABLE 30: LIST OF APPROVED NRDA RECREATIONAL USE PROJECTS

ID	Project Name	Implementing Agency Program	Total Project Estimate
AT-0019	Atchafalaya Delta WMA Boat Access	CPRA	\$920,450
AT-0020	Atchafalaya Delta WMA Campgrounds	CPRA	\$3,248,000
BA-0213	Bayou Segnette State Park Improvements	State Parks	\$2,126,724
BA-0235	Belle Chasse Boat Launch	Plaquemines Parish	\$250,000
TV-0084	Chitimacha Boat Launch	Chitimacha Tribe	\$650,000
TV-0081	Cypremort Point State Park Improvements	CPRA	\$4,477,338
BA-0237	Des Allemands Boat Launch	St. Charles Parish	\$1,841,116
BA-0208	Elmer's Island Access	LDWF	\$6,000,000
BA-0214	Grand Isle State Park Improvements	CPRA	\$6,126,967
TV-00883	Improvements to Grand Avoille Boat Launch	St. Mary's Parish	\$247,426
TE-0144	Island Road Fishing Piers	CPRA	\$3,000,000
N/A	Jean Lafitte Improvements	DOI	\$1,284,062
C5-0083	Lake Charles Science Center	LDWF	\$7,000,000
PR-0001	Middle Pearl WMA Boat Launch	CPRA	\$575,000
MR-0170	Pass a Loutre WMA Campgrounds	CPRA	\$1,624,000
MR-0169	Pass a Loutre WMA Crevasse Access	CPRA	\$1,568,000
TE-0146	Pointe-aux-Chenes WMA Enhancements	CPRA	\$5,012,000
ME-0036	Rockefeller Piers and Signage	CPRA	\$690,000
CS-0084	Sam Houston Jones State Park Improvements	State Parks	\$2,425,250
BS-0036	St. Bernard State Park Improvements	State Parks	\$1,098,625
LA-0298	Statewide Artificial Reefs	LDWF	\$6,000,000
BA-0236	The Wetlands Center	Town of Lafitte	\$2,000,000
BA-0234	WHARF Phase 1	City of Westwego	\$995,000

TABLE 31: LIST OF APPROVED RESTORE PARISH MATCHING PROJECTS

ID	Project Name	Active Phase	Parish	Total Project Estimate
TV-0079	Freshwater Bayou Canal Shoreline Protection	E&D, CON	Vermilion	\$4.59 M
TE-0145	Grand Bayou Freshwater Reintroduction	E&D	Lafourche	\$412,722
BS-0034	Lake Lery Marsh Creation	CON	St. Bernard	\$2.78 M
PO-0183	Manchac Landbridge Shoreline Protection	E&D, CON	Tangipahoa	\$3 M
BA-0209	Paradis Canal Gate	CON	St. Charles	\$2.54 M
ME-0035	Rockefeller Shoreline Stabilization	CON	Cameron	\$6.67 M

LIST OF ACRONYMS

Acronym	Project Name
BERM	Berm to Barrier
BIMP	Barrier Island Maintenance Program
BLFWD	Bayou Lafourche Freshwater District
BP	British Petroleum
CDBG	Community Development Block Grant
CIAP	Coastal Impact Assistance Program
CON	Construction
CPR	Coastal Protection and Restoration (Trust Fund)
CPRA	Coastal Protection and Restoration Authority
CRMS	Coastwide Reference Monitoring System
CWPPRA	Coastal Wetlands Planning, Protection and Restoration Act
DOI	Department of the Interior
DOTD	Department of Transportation and Development
DWH	<i>Deepwater Horizon</i>
E&D	Engineering and Design
EIS	Environmental Impact Statement
E-North	SLLD Levee reach
EPA	Environmental Protection Agency
E-South	SLLD Levee reach
FEMA	Federal Emergency Management Agency
FQ	Fiscal Quarter
FY	Fiscal Year
GIILD	Grand Isle Independent Levee District
GIWW	Gulf Intracoastal Waterway
GOMESA	Gulf of Mexico Energy Security Act
GPS	Global Positioning System
HDDA	Hopper Dredge Disposal Area
HSDRRS	Greater New Orleans Hurricane and Storm Damage Risk Reduction System
HUD	United States Department of Housing and Urban Development
JBE	John Bel Edwards
LALD	Lafourche Area Independent Levee District
LAMP	Louisiana Mapping Program
LBLD	Lake Borgne Levee District
LCA	Louisiana Coastal Area
LDWF	Louisiana Department of Wildlife and Fisheries
LERRDS	Land, Easements, Rights of Way, Relocation, and Disposal Sites
LF	Linear Feet
LOSCO	Louisiana Oil Spill Coordinator's Office
LPV	Lake Pontchartrain & Vicinity
MOEX	Mitsui Oil Exploration
MRGO	Mississippi River Gulf Outlet
NFWF	National Fish and Wildlife Foundation
NLLD	North Lafourche Levee District
NOAA	National Oceanic and Atmospheric Administration

Acronym	Project Name
NOV-NF	New Orleans to Venice - Non-Federal
NRCS	National Resource Conservation Service
NRDA	Natural Resource Damage Assessment
O&M	Operations and Maintenance
OCM	Office of Coastal Management
OCPR	Office of Coastal Protection and Restoration
OM&M	Operations, Maintenance and Monitoring
OTS	Office of Technology Services
PLD	Pontchartrain Levee District
PLN	Planning
PPL	Priority Project List
PROG	Program
R.S.	Revised Statute
RESTORE	Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies
SELA	Southeast Louisiana
SLLD	South Lafourche Levee District
SPER	Shoreline Protection Emergency Restoration
SSPM	Small Scale Physical Model
SWAMP	System Wide Assessment and Monitoring Program
TBD	To be Determined
TFU	Task Force Unwatering
UBRR	Upper Barataria Risk Reduction
USACE	United States Army Corps of Engineers
USFWS	Department of Interior - U.S. Fish and Wildlife Service
WBV	West Bank and Vicinity
WHARF	Wetlands Harbor Activities Recreational Facility
WMA	Wildlife Management Area
WRDA	Title VII Water Resource Development Act

Basin ID	Project Name
AT	Atchafalaya
BA	Barataria
BS	Breton Sound
CS	Calcasieu Sabine
LA	Louisiana
ME	Mermentau
MR	Mississippi River
PO	Pontchartrain
PR	Pearl River
TE	Terrebonne
TV	Teche Vermilion

Project Type	Project Name
BH	Barrier Island/Headland
FD	Freshwater Diversion
HP	Hurricane Protection
HR	Hydrologic Restoration
IN	Infrastructure
MC	Marsh Creation
OR	Oyster Barrier Reef
OT	Other
SP	Shoreline Protection

APPENDICES ONLINE

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APPENDIX A

Ongoing Protection and Restoration Project Summaries

APPENDIX B

Barrier Island Status Report

APPENDIX C

Inventory of Non-State Projects

APPENDIX D

CPRA FY 2022 Capital Outlay Requests

APPENDIX E

FY 2022 Atchafalaya Basin Annual Plan

CITATIONS

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Louisiana Coastal Protection and Restoration Authority is the single state entity with authority to develop, articulate, implement, and enforce a comprehensive coastal Master Plan of unified vision, to reduce tropical storm surge flood impact, to restore our bountiful natural resources, to build land to protect our nation's critical energy infrastructure, and to secure Louisiana's coast now and for future generations.