

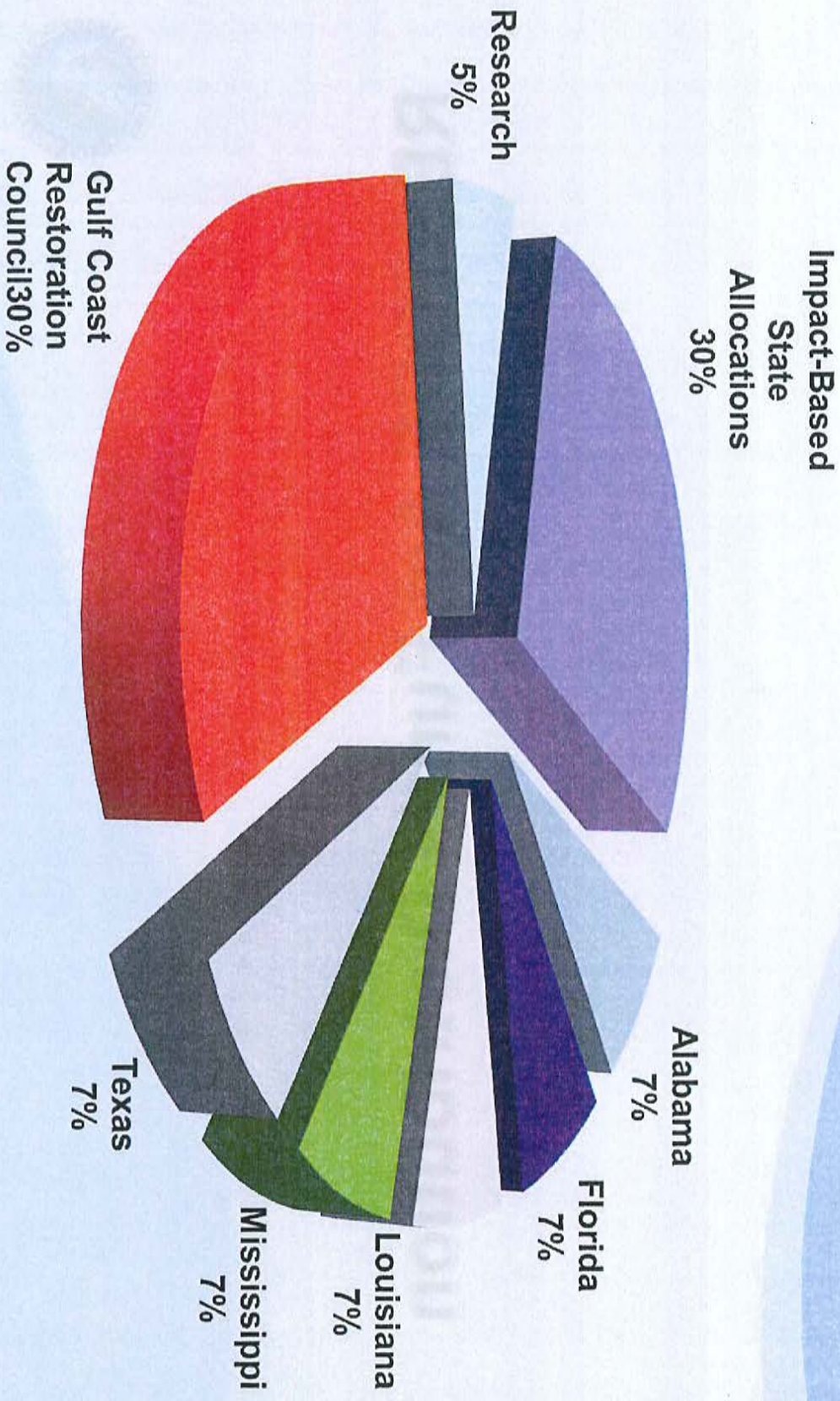


RESTORE Act Funds Distribution

Gulf Coast Restoration Trust Fund



Gulf Coast Restoration Trust Fund





Clean Water Act Fine
(\$5B - \$20B)

Oil Spill Liability Trust Fund
20% (\$1B - \$4B)

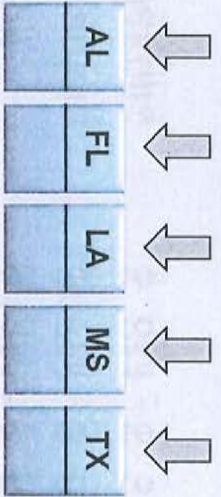
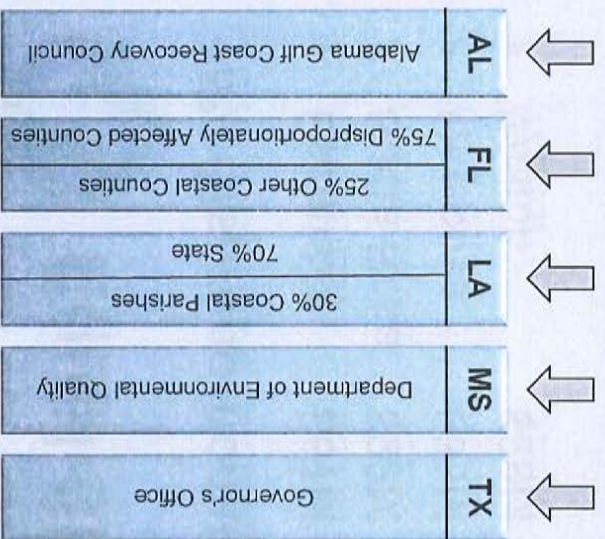
Gulf Coast Restoration Trust Fund
80% (\$4B - \$16B)

Equal-Share State Allocations
35% (\$1.4B - \$5.6B)

Gulf Coast Restoration Council
30% (\$1.2B - \$4.8B)

Impact-Based State Allocations
30% (\$1.2B - \$4.8B)

Research
5%
(\$.2B - \$.8B)





Equal-Share State Allocation: Florida

75% Disproportionately Affected Counties

▪ Escambia	\$57M - \$226M	▪ Bay	\$32M - \$130M
▪ Santa Rosa	\$22M - \$ 86M	▪ Gulf	\$13M - \$ 51M
▪ Okaloosa	\$33M - \$130M	▪ Franklin	\$17M - \$ 66M
▪ Walton	\$29M - \$116M	▪ Wakulla	\$ 8M - \$ 33M

25% Other Coastal Counties

▪ Charlotte	\$ 4M - \$ 14M	▪ Levy	\$ 6M - \$ 11M
▪ Citrus	\$ 3M - \$ 13M	▪ Manatee	\$ 5M - \$ 19M
▪ Collier	\$ 5M - \$ 20M	▪ Monroe	\$ 6M - \$ 23M
▪ Dixie	\$ 2M - \$ 10M	▪ Pasco	\$ 5M - \$ 20M
▪ Hernando	\$ 3M - \$ 13M	▪ Pinellas	\$ 8M - \$ 31M
▪ Hillsborough	\$ 9M - \$ 37M	▪ Sarasota	\$ 5M - \$ 20M
▪ Jefferson	\$ 2M - \$ 11M	▪ Taylor	\$ 3M - \$ 12M
▪ Lee	\$ 6M - \$ 25M		

EXECUTIVE SUMMARY:

The development of a Mote Marine Research/Education/Aquarium (REA) facility in Charlotte County qualifies for funds under the Resources and Ecosystems Sustainability, Tourism Opportunities and Revised Economics of the Gulf Coast States Act (RESTORE Act).

Specifically of the eleven (11) eligible projects described in the RESTORE Act, a Mote REA facility would qualify under nine (9) of the guidelines, including:

1. Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches and coastal wetlands of the Gulf Coast region
2. Mitigation of damage to fish, wildlife and natural resources
3. Implementation of a federally approved marine, coastal or comprehensive conservation management plan, including fisheries monitoring
4. Workforce development and job creation
5. Infrastructure projects benefitting the economy or ecological resources, including port infrastructure
6. Planning assistance
7. Promotion of tourism in the Gulf Coast region, including recreational fishing
8. Promotion of the consumption of seafood harvested from the Gulf Coast region
9. Some administrative costs related to these activities

The following narrative describes how Mote Marine Laboratory would support these projects by having a REA facility in Charlotte County. The narrative is followed by a budget that is broken down into five (5) phases* to provide maximum flexibility in funding depending upon receipt by the RESTORE Act program.

Phase 1: Preliminary Planning (programming & concept)	\$ 383,600
Phase 2: Full Architectural Design & Engineering	\$3,210,375
Phase 3: Site Development Construction Costs	\$1,007,100
Phase 4: Building Construction Costs	\$32,691,500
Phase 5: Building Set-up & Equipment	\$1,432,500
Total:	\$38,725,075

*Note: All costs are estimates. Each phase would be sent out in a competitive bid process.

MOTE MARINE LABORATORY OVERVIEW:

Mote Marine Laboratory was founded in 1955 as an independent marine research institution. Through the years, Mote has distinguished itself through the seamless integration of its research enterprise with education, public outreach and public policy programs. Mote's range of services is a keystone attribute defining its uniqueness among its peers. While marine and coastal research has always been Mote's core function, our endeavors emphasize the need for this research to have a positive impact on the conservation and sustainable use of marine resources to benefit our local, national and international communities. It is this global vision that gives Mote the ability to define its scientific mission as both local and worldwide in scope.

Mote Marine Laboratory (Mote) is a marine research institution whose strength originates in high quality scientific exploration and discovery that is versatile and responsive to regional and global societal needs. Mote is an independent, 501(c)(3) non-profit corporation dedicated to excellence in marine, estuarine, and environmental research and education. Mote was organized in Florida in 1955 and is headquartered in the city of Sarasota. Satellite operations are maintained in eastern Sarasota County, FL (aquaculture research), Lee County, FL (estuarine fishery research), and Monroe County, FL (coral reef research).

Mote's mission is to advance marine and environmental science through scientific research, education, and public outreach leading to new discoveries, revitalization and sustainability of the earth's oceans and greater public understanding of our marine resources. Mote emphasizes world-class research relevant to conservation and sustainable use of marine biodiversity, healthy habitats and natural resources.

A natural extension of Mote's outreach is to re-establish its visibility in Charlotte County with a Research/Education/Aquarium (REA) facility.

MOTE MARINE LABORATORY RESEARCH OVERVIEW:

Scientific success is clearly documented in more than 2500 publications that are today gathered in the Collected Papers from Mote Marine Laboratory (vol. 1-16) and The Mote Technical Reports (nos. 1-1,518). These have been produced by the ninety-five (95) researchers (34 with doctorates) currently on staff at Mote.

Research programs at Mote Marine Laboratory include:

- Aquatic Toxicology
- Benthic Ecology
- Chemical Ecology
- Chemical Warfare & Effects
- Coastal Resources
- Coral Reef Restoration
- Dolphin & Whale Hospital
- Dolphin Research
- Environmental Health
- Fisheries Assessment & Ecosystem Mgmt.
- Fisheries Habitat Ecology
- Stranding Investigations
- Fresh Water/Sturgeon Aquaculture
- Manatee Research
- Marine Aquaculture & Biomedical Research
- Marine Immunology
- Marine Microbiology
- Phytoplankton Ecology
- Sea Turtle Conservation & Research
- Sea Turtle Hospital
- Sensory Biology & Behavior
- Shark Biology
- Stock Enhancement

The scientific expertise available among resident scientists at Mote is considerable and diverse. That expertise is augmented significantly by the fact that approximately 150 non-resident scientists are involved in projects at Mote. These individuals represent more than 100 different American and international institutions. Mote also has formal cooperative agreements with NOAA/NMFS, the State of Florida's Fish and Wildlife Conservation Commission, the U.S. Geological Survey, Harbor Branch Oceanographic Institution, Perry Institute for Marine Science, Chicago Zoological Society, Massachusetts Institute of Technology and others. As a result of the resident and non-resident scientists at Mote, this single institution is the site of significant scientific research by more than 200 professional marine scientists.

MOTE MARINE LABORATORY RESEARCH: CHARLOTTE HARBOR

Existing Charlotte Harbor research projects include:

- Manatee population studies
- Shark population studies & tagging
- Sea grass health & light requirement studies
- Sea turtle population
- Sensory biology studies

Dr. Aaron Adams, a long-time Mote senior scientist, and Dr. James Locascio, hired by Mote in 2011, will be located in Charlotte Harbor conducting local research studies beginning in 2013. Dr. Adams is the Director for the Center for Fisheries Enhancement. This program focuses on coastal fishes, ranging from coral reef fish to economically important sport fish. In all cases, the focal species are tools to learn about coastal ecological processes. Most recently the focus has been on recreationally important species including common snook, tarpon and permit fisheries. As part of Dr. Adams's position at Mote as a Senior Scientist, he is also the Director of Operations for the Bonefish and Tarpon Trust, a science-based conservation organization dedicated to conserving and enhancing global bonefish, tarpon and permit fisheries and their environments through stewardship, research, education and advocacy. The group funds, directs and oversees research with direct conservation applications.

Dr. Locascio joined Mote Marine Laboratory in 2011. His research at Mote is focused on the population structure of adult snook on the beaches and off-shore on the barrier islands of Charlotte Harbor. He is especially interested in studying the role of offshore adult snook and how they may be connected to the on-shore portion of the population. He will be researching whether the off-shore snook live, reproduce and die off-shore or if they mix with the on-shore fish. Understanding these aspects of the snook population is important to conservation and management of the species in Southwest Florida.

MOTE MARINE LABORATORY EDUCATION: OVERVIEW

Mote's education division in Sarasota provides opportunities for life-long learning and presents on-site, off-site and digital experiences through school and public programs, field trips, fishing clinics, internships, summer camps and special adult-oriented lectures. During the past year Mote presented educational programs to more than 25,000 children and adults as well as summer camp to over 500 participants. In addition Mote hosted 41 high school interns, 125 college interns and provided on-going training to hundreds of volunteers. These programs are designed to use the methods and findings of Mote's world class, cutting edge research programs to increase science and ocean literacy in our citizens and to inspire global marine and environmental stewardship through informed personal choices.

Mote's digital learning program, called Sea Trek, brings high energy, multi-media science programming right into the classroom using video-conferencing and internet technology. Through live interactive science programs, Mote educators teach facets of marine science and Mote's research, connecting directly with public school classrooms.

Students served through Mote's education division numbered 28,000 in grades K-12, 17,000 through distance learning and field trips, 13,000 through on-campus programs, 126 college level internships as well as 41 high school internships.

MOTE MARINE LABORATORY EDUCATION: CHARLOTTE COUNTY

Grant Fischer and Rachael Taryn Kraemer joined Mote Marine Laboratory as full-time educators in October 2012 to work in Charlotte County exclusively. The educators will begin delivering Mote education programs to students and adults throughout Charlotte County in early 2013. These education programs will include Mommy & Me for preschoolers and their favorite adults. Families will learn together through marine-themed games, songs, stories, crafts and role plays. Behind the Science, a program designed to introduce marine animals and local environments that inspire wonder and respect for the local waterways and the watershed of Charlotte Harbor, will be offered to families with older children. For adults a six (6) event Lecture Series featuring Mote scientists will be offered. These lectures will highlight the research that is being conducted in the region. Four (4) Science Cafés will be organized, bringing a Mote scientist paired with a Charlotte County professional to discuss a related topic in a face-to-face interchange. This will be open to the public in the comfortable, lively atmosphere of a local restaurant. A full-time staff member will be available to participate in community events such as festivals and fairs, providing interactive experiences and information on a wide range of topics.

Mote will also spend the year working with local teachers, administrators and others in the education community to plan and develop an outreach program that would bring Mote Marine Laboratory educators into Charlotte County classrooms to provide standards-based, interactive teaching and hands-on activities aimed at demonstrating scientific concepts. Programs will be based on local marine and coastal ecosystems with age appropriate material for Pre-K through Grade 12 classes. These programs will be provided as requested by teachers. A particular advantage of these programs is that they do not take time away from other classes/subjects and come at no additional cost to students, teachers or schools.

Science education is a need expressed both locally and nationally. As both a research laboratory and a public aquarium with an extensive education division, Mote Marine Laboratory is in a unique position to help improve science education. Exposure to science education outside of formal instruction can help create the next generation of science and conservation leaders. Research has shown that public educational programs and school outreach programs contribute to learning and support positive attitudes toward science.

MOTE AQUARIUM:

Mote Aquarium, highlighting Mote Research, hosts 400,000 visitors annually, and Mote's Mobile Exhibit reaches an additional 300,000 people throughout Florida. Training and research conducted with all of the resident Aquarium animals provides knowledge that fosters better animal care, enhanced rehabilitation procedures of injured or sick animals that strand on beaches and improved management of wild populations.

The mission of Mote Marine Laboratory, as detailed in the 2020 Vision & Strategic Plan, is to promote "the advancement of marine and environmental sciences through scientific research, education and public outreach, leading to new discoveries, revitalization and sustainability of our oceans and greater public understanding of our marine resources."

The development of a state-of-the-art Research/Education/Aquarium (REA) facility in Charlotte County assists Mote to achieve the above stated mission by providing additional education and public outreach opportunities which promote a greater understanding of marine resources in our region.

In addition to assisting Mote to achieve the goals of its mission, the REA facility would also bring significant economical benefits to Charlotte County. What are the benefits?

- If we take a conservative approach and assume that the Charlotte County Mote Research/Education/Aquarium (REA) generates the same income from admissions and gift shop sales that Mote Sarasota does, then it will generate approximately \$4 million per year. Based on the 7% sales tax, Charlotte County would receive \$252,000 annually. The City of Punta Gorda would receive \$28,000 per year.
- Based on a report from the Charlotte County Economic Development Office prepared on April 10, 2012, it was found that the direct impact of a Mote REA would be **\$10,949,721**. Direct impact means the revenues are based on Mote Aquarium alone and including any additional jobs or revenues that are created as a result of the project. The indirect impact is all of the "spin-off" impacts resulting from the Mote project and is projected to be **\$17,464,050!**
- Based on a report developed by the Charlotte County Tourism Bureau, and again assuming the same attendance figures as Mote Sarasota, the annual impact to local businesses and the community at large of an Mote REA in Punt Gorda would be **\$43,746,187** per year.

BUDGET:

To provide maximum flexibility for support the request for funding has been prepared in five (5) distinct phases. These costs have been determined by an experienced group of contractors and developers who have been working with Mote Marine Laboratory on this project. They have provided their "best estimate" for what the projected costs would be. Each phase, before implementation, will be sent out in a competitive bid process. At a minimum Mote Marine Laboratory would be requesting \$383,600 for Phase One and up to a total of \$38,725,075 if all five phases were funded.

Phase 1: Preliminary Planning (programming and concept)	\$ 383,600
Phase 2: Full Architectural Design & Engineering	\$3,210,375
Phase 3: Site Development Construction Costs	\$1,007,100
Phase 4: Building Construction Costs	\$32,691,500
Phase 5: Building Set-up & Equipment	\$1,432,500
Total:	\$38,725,075

A breakdown of the budget is included in a separate attachment.

Ref	Description	Responsible Party	Qty	Unit	Unit Price	Cost	Sub-Total	Category Sub-Total
01	Preliminary Planning (programming & concept design)							\$383,600
0.001	<u>Civil Engineering/Site Planning</u>						\$19,000	
0.002	Lead Engineer	Civil Engineer	75	Hrs	\$150	\$11,250		
0.003	Project Designer/CADD	Civil Engineer	50	Hrs	\$125	\$6,250		
0.004	Travel & Reimbursable Expenses	Civil Engineer	1	allowance	\$1,500	\$1,500		
0.005	<u>Land Use & Rezoning</u>						\$34,350	
0.006	Re-zoning & entitlement work	Land Use Attorney	75	Hrs	\$325	\$24,375		
0.007	Lead Engineer	Civil Engineer	25	Hrs	\$150	\$3,750		
0.008	Principal	Construction Management Firm	10	Hrs	\$165	\$1,650		
0.009	Admin Assistant	Land Use Attorney	55	Hrs	\$65	\$3,575		
0.01	Travel & Reimbursable Expenses	Land Use Attorney	1	allowance	\$1,000	\$1,000		
0.011	<u>Architectural Team</u>						\$63,500	
0.012	Design Principal	Lead Architectural Firm	138	Hrs	\$200	\$27,600		
0.013	Project Designer	Lead Architectural Firm	120	Hrs	\$155	\$18,600		
0.014	Project Manager	Lead Architectural Firm	30	Hrs	\$170	\$5,100		
0.015	Project Architect	Lead Architectural Firm	30	Hrs	\$150	\$4,500		
0.016	Graphics	Aquarium Consultant	40	Hrs	\$105	\$4,200		
0.017	Travel & Reimbursable Expenses	Lead Architectural Firm	1	allowance	\$3,500	\$3,500		
0.018	<u>Aquarium and Exhibit Design Consultant</u>						\$72,250	
0.019	Design & CM Principal	Aquarium Consultant	200	Hrs	\$150	\$30,000		
0.02	Land Architect/SR Exhibit Designer	Aquarium Consultant	150	Hrs	\$100	\$15,000		
0.021	Senior Exhibit Designer	Aquarium Consultant	150	Hrs	\$85	\$12,750		
0.022	AC Estimator	Aquarium Consultant	40	Hrs	\$100	\$4,000		
0.023	LSS Engineer Principal	Life Support	25	Hrs	\$100	\$2,500		
0.024	Travel & Reimbursable Expenses	Aquarium Consultant	1	allowance	\$8,000	\$8,000		
0.025	<u>Preconstruction Services</u>						\$109,500	
0.026	Various	Construction Management Firm	1	proposal	\$109,500	\$109,500		
0.027	<u>Demographics & Market Analysis</u>						\$29,000	
0.028	Market Research Consultant	Market Research Consultant	1	LS	\$29,000	\$29,000		
0.029	<u>Supporting Firms</u>						\$16,000	
0.03	Fire Protection Engineer	Fire Protection Engineer	1	allowance	\$10,000	\$10,000		
0.031	Structural Engineer	Structural Engineer	1	allowance	\$6,000	\$6,000		
0.032	<u>Miscellaneous</u>						\$40,000	
0.033	Design Contingency	All	1	allowance	\$25,000	\$25,000		
0.034	Public Outreach & PR	All	1	allowance	\$15,000	\$15,000		
02	Full Architectural Design & Engineering							\$3,210,375
0.001	<u>Architectural, Structural, MEPF Design</u>						\$2,004,975	
0.002	Team	Lead Architectural Firm	\$21,105,000	%	9.50%	\$2,004,975		
0.003	<u>Exhibit & LSS Design</u>						\$1,205,400	
0.004	Team	Aquarium Consultant/LSS Engineer	\$8,610,000	%	14.00%	\$1,205,400		
03	Site Development Construction Costs							\$1,007,100
0.001	<u>Land Cost & Permitting</u>						\$238,000	
0.002	Land Cost	Mote	1.4	Acres	\$70,000	\$98,000		
0.003	City, County, State, Federal Permits	Civil Engineer	1	allowance	\$15,000	\$15,000		
0.004	Full Civil Design & Engineering	Civil Engineer	1	LS	\$125,000	\$125,000		
0.005	<u>Site Development Construction</u>						\$769,100	
0.006	Full Site Development	Construction Management Firm	1.4	Acres	\$231,500	\$324,100		
0.007	Underground Stormwater Management Vault	Construction Management Firm	0.49	Acres	\$100,000	\$49,000		
0.008	Foundation Enhancements (vibrocompaction/replacement)	Construction Management Firm	22000	SF	\$3.00	\$66,000		
0.009	Traffic Study & Signal Warrants	Traffic Engineer	1	LS	\$20,000.00	\$20,000		
0.01	FDOT Improvements (US-41 south-bound)	Construction Management Firm	1	allowance	\$35,000	\$35,000		
0.011	FDOT Improvements (US-41 north-bound)	Construction Management Firm	1	allowance	\$25,000	\$25,000		
0.012	Traffic Signalization (if warranted)	Construction Management Firm	1	allowance	\$250,000	\$250,000		
04	Building Construction Costs							\$32,691,500
0.001	<u>Building Construction Costs</u>						\$21,105,000	
0.002	60,000 SF, 3-story structure (approx. floor-floor heights: 20', 16', 19')	Construction Management Firm	60000	SF	\$325	\$19,500,000		
0.003	Smart Classroom Technologies (minimum of 4 classrooms)	Various	4	Each	\$50,000	\$200,000		
0.004	Gulf/Charlotte Harbor focused research space, including related equipment	Various	5000	SF	\$200	\$1,000,000		
0.005	Kitchen Equipment	Construction Management Firm	3000	SF	\$70	\$210,000		
0.006	Back-up Generators		650	KW	\$300	\$195,000		
0.007	<u>Exhibit, LSS & Support Space Construction Costs</u>						\$8,610,000	
0.008	<u>Marine Life Exhibits & Displays</u>							
0.009	Large Tanks	Specialty Firms	2	Each	\$950,000	\$1,900,000		
0.01	Medium Tanks	Specialty Firms	5	Each	\$425,000	\$2,125,000		
0.011	Small Tanks	Specialty Firms	12	Each	\$175,000	\$2,100,000		
0.012	Jewel Tanks	Specialty Firms	24	Each	\$15,000	\$360,000		
0.013	Touch Tanks	Specialty Firms	2	Each	\$75,000	\$150,000		
0.014	Dry Exhibits	Specialty Firms	10	Each	\$25,000	\$250,000		
0.015	Interactive Displays	Specialty Firms	15	Each	\$15,000	\$225,000		
0.016	Support Spaces & Misc Eqpt.	Specialty Firms	5000	SF	\$300	\$1,500,000		
0.017	<u>Miscellaneous</u>						\$2,976,500	
0.018	Construction Contingency	All	1	%	10%	\$2,971,500		
0.019	Public Outreach & PR	All	1	allowance	\$5,000	\$5,000		
05	Building Set-up & Equipment							\$1,432,500
0.001	<u>FF&E</u>						\$182,500	
0.002	Office Furnishings & Equipment	Mote	25	Each	\$2,500	\$62,500		
0.003	Classroom Furnishings	Mote	4	Each	\$15,000	\$60,000		
0.004	Meeting Room/Conference Space Furnishings	Mote	300	Places	\$200	\$60,000		
0.005	<u>Animal & Plant Life</u>						\$1,250,000	
0.006	Exhibit Plant & Animal Species	Mote	1	allowance	\$1,250,000	\$1,250,000		
0.007								
0.008								
0.009								



VAN SCOYOC
ASSOCIATES

Summary of the RESTORE Act As Included in the Final Surface Transportation Authorization Legislation

A version of the Resources and Ecosystems Sustainability, Tourism Opportunities and Revived Economies of the Gulf Coast States Act (RESTORE Act) was included in final surface transportation authorization legislation.

The RESTORE Act establishes the Gulf Coast Restoration Trust Fund and will set aside for the five Gulf states (Alabama, Florida, Louisiana, Mississippi and Texas) 80 percent of the estimated \$5 to \$20 billion in Clean Water Act fines to be levied against the responsible parties in connection with the Deepwater Horizon spill for projects and activities that aim to restore the long-term health of the Gulf Coast region.

- 35 percent of the funds will be allocated directly and equally to the five Gulf Coast states for eligible projects, including:
 - 1) Restoration and protection of the natural resources, ecosystems, fisheries, marine and wild-life habitats, beaches, and coastal wetlands of the Gulf Coast region
 - 2) Mitigation of damage to fish, wildlife, and natural resources
 - 3) Implementation of a Federally-approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring
 - 4) Workforce development and job creation
 - 5) Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill
 - 6) Infrastructure projects benefitting the economy or ecological resources, including port infrastructure
 - 7) Coastal flood protection and related infrastructure
 - 8) Planning assistance
 - 9) Promotion of tourism in the Gulf Coast Region, including recreational fishing*
 - 10) Promotion of the consumption of seafood harvested from the Gulf Coast Region*
 - 11) Some Administrative costs related to these activities.

*For these activities, one cannot make claims to both the Oil Spill Liability Fund and the Gulf Coast Restoration Trust Fund.

Under the law, 75 percent of funding for Florida is set aside for the 8 counties identified as “disproportionally affected” by the oil spill (Bay, Escambia, Franklin, Gulf, Okaloosa, Santa Rosa, Wakulla and Walton). The remaining 25 percent goes to other counties. For those counties, the amount distributed is determined by the following:

1. 34 percent based on the weighted average of the population of the county
 2. 33 percent based on the weighted average of the county per capita sales tax collections estimated for fiscal year 2012
 3. 33 percent based on the weighted average distance from the Deepwater Horizon oil rig to each of the nearest and farthest points of the shoreline
- The RESTORE Act also establishes the Gulf Coast Ecosystem Restoration Council and allots 30 percent of the Trust Fund to be used by the Council to develop and fund a Comprehensive Plan

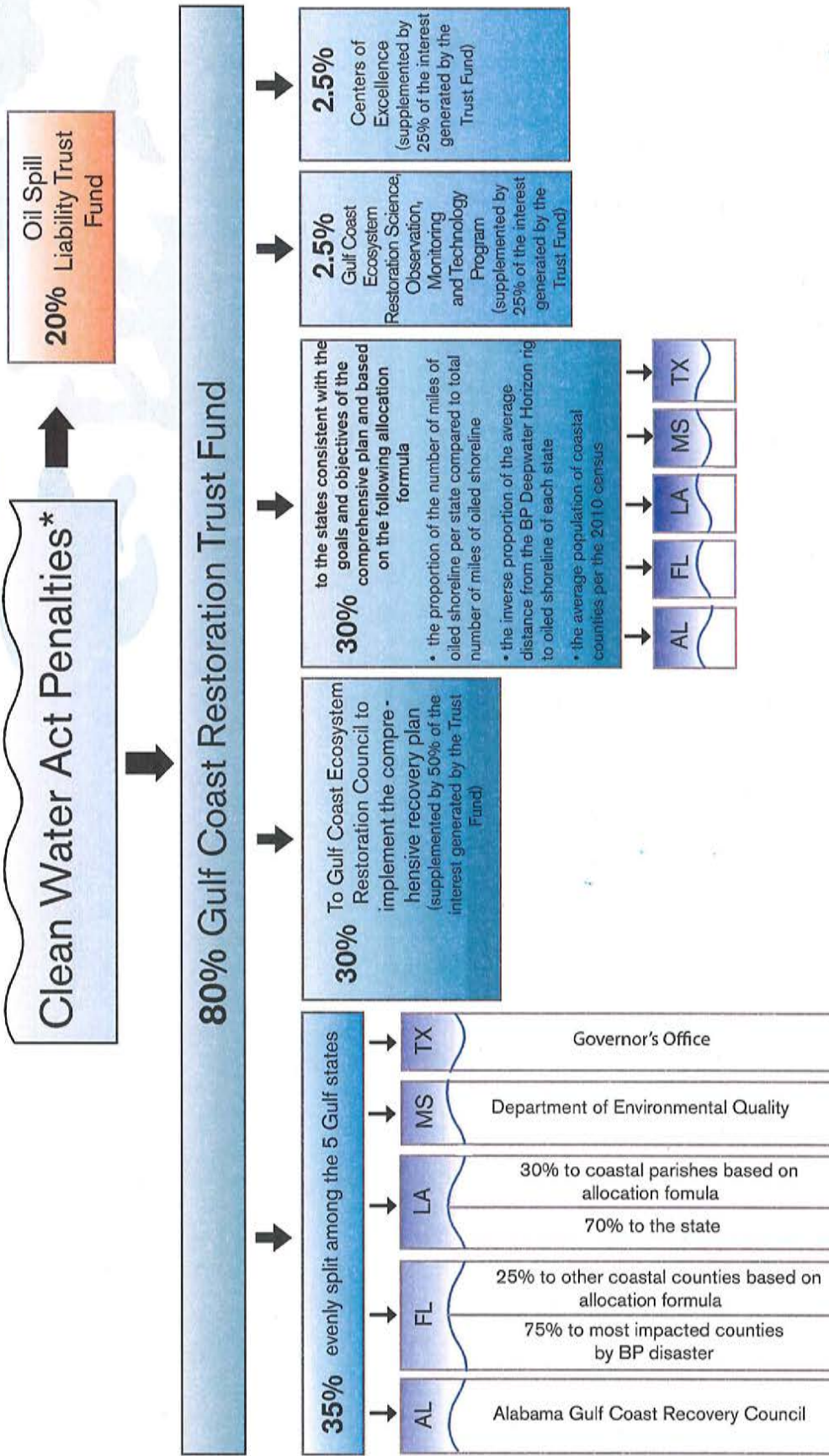
for the restoration of Gulf Coast ecosystems. The Council will include the Secretaries of the Interior, Commerce, Agriculture, the Administrator of the Environmental Protection Agency, Secretary of the Army, the head of the Coast Guard and the Governors of each state.

Each state will submit separate plans that conform to the Comprehensive Plan and include the approved activities. For Florida, the plan will be developed by a group that includes, at a minimum, one representative of each affected county and will include several opportunities for public comment. The RESTORE Act sets aside an additional 30 percent of the Trust Fund to be allocated to the states, using an impact-based formula, to implement their Council-approved plans.

- The remaining 5 percent is to be split equally in order to create a Gulf Coast ecosystem restoration, science, observation, monitoring and technology program and for grants to nongovernmental entities for the establishment of Gulf Coast centers of excellence. The proposed program's purpose will be to conduct research, observation, and monitoring in support of "the long-term sustainability of the ecosystem, fish stocks, fish habitat, and the recreational, commercial, and charter fishing industry in the Gulf of Mexico." The Gulf Coast centers of excellence can focus on any of the following:
 - 1) Coastal and deltaic sustainability, restoration and protection, including solutions and technology that allow citizens to live in a safe and sustainable manner in a coastal delta in the Gulf Coast Region.
 - 2) Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region.
 - 3) Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf of Mexico.
 - 4) Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region.
 - 5) Comprehensive observation, monitoring, and mapping of the Gulf of Mexico.

The Council must have a proposed Comprehensive Plan completed within 6 months of becoming law, which will then be open for public comment. The Final Plan must be completed after a year. However, the Gulf Coast Restoration Trust Fund cannot start paying out the money to implement the activities included in the state plans until the BP fines are collected, which is undetermined at this time.

Distribution of Clean Water Act penalties to Gulf recovery per the RESTORE Act



* Clean Water Act penalties are a per barrel penalty of \$1100 for release of pollution into the environment. If 'gross negligence' is determined in release of the pollution, the penalty per barrel increases to \$4300. In the case of the BP Deepwater Horizon incident the following are estimates:

\$1100 X (4.9 million barrels of oil released into the environment) = approx \$5.39 billion
 \$4300 X (4.9 million barrels of oil released into the environment) = approx \$21.07 billion [gross negligence]

All amounts are subject to negotiation via a settlement between the government and responsible parties.



Ocean Conservancy
 Start a Sea Change

#1

RESTORE Act Ecosystem Restoration Project Proposals
for consideration in the Gulf Coast Ecosystem Restoration Council's Comprehensive Plan
2012

Contact Information: City of Punta Gorda Utility Department 326 W. Marion Avenue Punta Gorda, FL 33950 tjackson@pgorda.us						Date of Submittal: October 2012	
Name of Project: Charlotte Park Gravity Sewer						Org and Rank: City of Punta Gorda #1	
Project Description: Installation of Gravity Sewer in the Section of Punta Gorda Known as Charlotte Park							
Project Location: Punta Gorda, Florida							
Responsible Party: City of Punta Gorda				Partners:			
NEP: CHNEP		Project Cost: \$32,985,000			Dollars Needed: \$32,985,000		
Start: 2012				Completion: 2017			
Status of Project Design and Permitting: Design and permitting not started.							
What Date or Year could Construction Feasibly Begin: 2015							
Your Proposed Timing of Funding (given permits, phasing, staging, etc.)							
FY	12/13	13/14	14/15	15/16	16/17	17/18	Total
	\$1,649,000	\$1,649,000	\$9,895,000	\$9,895,000	\$9,895,000		\$32,985,000
Quantify Environmental Results and How to Measure Them: The removal from service 1,466 septic tanks and drain fields in and around the Punta Gorda canal system and Charlotte Harbor.							
Economic Benefits (including ecosystem services): A three year construction phase employing underground utilities, paving and drainage crews.							
Estimated number of Jobs Created or Preserved: 20							
How much Habitat will be restored and conserved?: N/A							
Quantify pollutant reductions: The flow from 1,466 septic systems estimated monthly flow of 10.3 million gallons per month. The Charlotte Harbor National Estuary Program is developing a nutrient model for Charlotte harbor that will accurately quantify all sources of nutrient loading including septic systems.							
What living coastal/marine resources will be improved and by how much?:							
How will community resilience be enhanced? Increased property values by providing central sewer							
Additional Justification:							

Add any photos or maps that explain project:



VACANT (TYP.)

OCCUPIED (TYP.)

WASTEWATER EXPANSION BOUNDARY

LOT BREAKDOWN:	
OCCUPIED:	840
VACANT:	626
TOTAL:	1,466



City of Punta Gorda
 Utilities Department
 338 West Marine Ave.
 Punta Gorda, Florida 33509
 PHONE: (841) 375-3338 FAX: (841) 375-5008

**CHARLOTTE PARK SUBDIVISION
 WASTEWATER EXPANSION EXHIBIT**

DESIGN BY: DATE: SCALE: 1/8" = 1'-0"
 DWG NO: 440 10/19/04 AS SHOWN BY: J. W. J.