

**Draft Initial Analysis of Projects Appearing to Meet the Oil Pollution Act and Framework Agreement Guidelines**

**List 2**

**7/21/11**

<b>Project</b>	<b>Description</b>	<b>County</b>	<b>Estimated Cost</b>
<b>M-1</b> Coastal threatened and endangered species monitoring in Florida Panhandle State Parks	Sea turtle monitoring, data collection, and nest protection will be conducted at Bald Point, St. George Island, St. Joseph Peninsula, St. Andrews, Camp Helen, Deer Lake, Grayton Beach, Topsail Hill Preserve, Henderson Beach, Perdido Key State Parks. The project includes daily Gulf of Mexico shoreline monitoring of sea turtle nesting, data collection, nest marking and nest protection during the period May 1 through October 30 for a period of 5 years. Project size is 39.6 miles.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Escambia, Walton, Bay, Gulf, Franklin	\$300,000
<b>M-2</b> Florida Gulf Coast Marine Fisheries Hatchery/Enhancement Center	This facility will consist of three components: 1) A state of the art recirculating aquaculture system (RAS) for the production and eventual release of sportfish species such as red snapper, red drum, and spotted seatrout. 2) An integrated coastal habitat plant production facility that provides both wastewater treatment for the fish production system and source plants for ecosystem restoration. 3) A venue for public outreach/education for marine resources conservation.  Submitted by: Florida Fish & Wildlife Conservation Commission.	Escambia or Bay	\$13,000,000
<b>M-3</b> Urban Stormwater Retrofits – Pensacola Bay System	Stormwater treatment; estuarine water quality improvement.  Submitted by: Northwest Florida Water Management District.	Escambia, Santa Rosa	\$1,500,000
<b>M-4</b> Urban Stormwater Retrofits – Choctawhatchee Bay	Stormwater treatment; estuarine water quality improvement.  Submitted by: Northwest Florida Water Management District.	Okaloosa, Walton	\$1,500,000
<b>M-5</b> Restoring Oyster Habitat in Franklin and Wakulla Counties	Create and enhance degraded oyster reef habitat.  Submitted by: FL Department of Agriculture and Consumer Services.	Franklin, Wakulla	\$2,620,000
<b>M-6</b> Dune Habitat Restoration: Specific sites: St. George Island, Gulf Islands National Seashore, Pensacola Beach, Panama City Beach, Cape San Blas, St. Joe Peninsula.	Response activities associated with the Deepwater Horizon (DWH) event have resulted in damage to dunes in the Panhandle that were already heavily impacted by the last decade of tropical storm activity. Targeted areas have been restored, but there is still a large scale need. One of the limiting factors is capacity for growing and providing dune plants. This project should incorporate nursery development (perhaps expanding FDEP's current successful effort), dune crossings, large scale plantings/dune fencing.  Submitted by: FL Department of Environmental Protection.	Escambia, Santa Rosa, Okaloosa, Bay, Gulf, Franklin	\$11,500,000
<b>M-7</b> GINS Dune Restoration	The proposed project seeks to restore 145 acres of degraded dune habitat at three GINS (Gulf Islands National Seashore) locations (PKI, SRI-FP and SRI-OB) using diverse, native vegetation propagated from local stock found within the GINS areas.  Submitted by: Florida Department of Environmental Protection Northwest District, partnering with the National Park Service, University of Florida, and IFAS/UF Extension (Santa Rosa, Escambia and Okaloosa/Walton Counties).	Escambia, Santa Rosa, Okaloosa	\$3,500,000
<b>M-8</b> Living Shorelines and Oyster Reef Restoration in Pensacola Bay, FL	By creating a "living shoreline" - an erosion management technique - natural coastal processes and the ecosystem services they provide to the environment and public can be restored. The objective of this project is to help restore the long-term ecosystem functioning of Pensacola Bay, Florida. We propose creating living shoreline along approximately eight miles of Blackwater Bay and East Bay of Pensacola Bay, including portions in the Yellow River Marsh Aquatic Preserve.  Submitted by: The Nature Conservancy, partnering with the Emerald Coastkeeper, the Florida Department of Environmental Protection and Santa Rosa County/IFAS Extension.	Escambia, Santa Rosa	\$8,000,000
<b>M-9</b> Living Shoreline Restoration in Pensacola Bay Project	5-year project to create up to 8 miles of living shoreline and oyster reef in Pensacola Bay. Restoration to enhance oyster reefs and salt marsh shorelines.  Submitted by: The Nature Conservancy.	Escambia, Santa Rosa	\$6,000,000

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<b>M-10</b> Shorebird Research and Management at Florida Panhandle State Parks	The goal of this project is to increase shorebird productivity and survival through an increase in shorebird monitoring, management, and protection of nesting habitat over a 3 year period. 1) Protection of nesting habitat with symbolic fencing. 2) continued predator removal programs contracted with the USDA (e.g., we observed 80% predation rate at some parks), 3) monitoring of color marked shorebirds to understand the long term impacts on shorebird survival and continued collaboration with BP to minimize disturbance (e.g., we observed a 10% reduction in fledge rates during the spill), 4) sharing of data and results with partner agencies to improve current management throughout the gulf. Project size is 62 miles, located within 8 FL State Parks.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks	Multiple panhandle counties	\$340,000
<b>M-11</b> Enhance of Visitation to Coastal Archaeological Sites	Assessment of over 150 archaeological sites in the park affected by the oil spill to determine their current condition and any effects on the sites from the oil spill. Assessment by a professional archaeologist of each site. Interpretive panels for the following parks: Perdido Key, Big Lagoon, Rocky Bayou, Henderson Beach, Topsail Hill, Grayton Beach, Deer Lake, Camp Helen, St. Andrews, St. Joe Peninsula, St. George Island, Bald Point, and Ochlocknee River. Project size is 150 acres.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks	Multiple panhandle counties	\$200,000
<b>M-12</b> St. Vincent Sound-to-Lake Wimico Ecosystem	The 69,453-acre St. Vincent Sound-to-Lake Wimico Ecosystem (SVSLWE) project is a mosaic of pine uplands, wet prairies, hardwood and cypress swamps that flank portions of three rivers, coastal bluffs and salt marshes fronting on St. Vincent Sound. Fee acquisition of the SVSLWE project will forge an interconnected conservation area of 900,000+ acres that includes Apalachicola River WMA, Apalachicola River WEA, Apalachicola NF, Tate's Hell SF, Box-R WMA, Apalachicola Bay NERR and St. Vincent NWR. Estimated cost is \$105,000,000.  Submitted by: The Nature Conservancy, partnering with Florida Department of Agricultural and Consumer Services/Division of Forestry, United States Fish and Wildlife Service, and FL Department Environmental Protection/Office of Coastal and Aquatic Managed Areas.	Franklin, Gulf	\$206,000,000
<b>M-13</b> St. Vincent National Wildlife Refuge Lake Wimico Land Acquisition	Acquire 67,000 acres. Connects Lake Wimico to St. Vincent Sound; keystone piece in the completion of the National Wildlife Refuge. Hot spot of regional biodiversity. Protection of 2 major estuarine systems would provide significant water quality benefits to oyster and scallop populations in Apalachicola and St. Joseph's Bays. Diverse habitat for resident, migrating and nesting spill-affected species.  Submitted by: Florida Fish and Wildlife Conservation Commission, on behalf of the National Wildlife Refuge Association and Defenders of Wildlife.	Franklin, Gulf	\$101,000,000
<b>M-14</b> Oyster Reef Restoration in the Pensacola Bay System, Florida	This project will use 9,000 cubic yards of shell material to replace substrate and re-establish elevation on impaired oyster reefs in Escambia and East Bays. Project size is 45 acres. Funding available: \$212,000.  Submitted by: Florida Department of Agriculture and Consumer Services.	Escambia, Santa Rosa	\$788,600
<b>M-15</b> Rattlesnake Bluff Road and Riverbank Restoration Project	The objective of this project is to stabilize Rattlesnake Bluff Road and nearby eroded riverbank sites in order to reduce sediment pollution to the Yellow River and Pensacola Bay and provide a reliable thoroughfare for the public.  Submitted by: The Nature Conservancy, partnering with the US Fish and Wildlife Service, the Department of Defense, and Florida Fish and Wildlife Conservation Commission.	Santa Rosa, Okaloosa	\$3,000,000
<b>M-16</b> Large Scale Seagrass Restoration and Protection (MERGED INTO EMERGENCY RESTORATION PROJECT)	Vessels of opportunity, boom placement and recovery have resulted in damage to seagrasses in ecologically sensitive areas. This project would restore and benefit seagrass habitat in the Panhandle. This would be implemented as a state-lead program. There are multiple sites throughout the Panhandle that have been impacted by oil spill response efforts. These sites would benefit from a mixture of direct prop scar restoration and signage/posting to protect shallow and sensitive areas. Specific locations include Perdido Bay, Big Lagoon, St. Joe Peninsula, St. Andrew Bay.  Submitted by: FL Department of Environmental Protection	Escambia, Bay, Gulf	\$5,000,000

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<b>E-1</b> Restoration / Creation of Regional Fish Habitat	<p>Escambia County's Artificial Reef Program is presently permitted (by US Army Corps of Engineers and Florida Department of Environmental Protection) to provide habitat for estuarine and marine life species across approximately 130 square miles of seafloor. Although nearly 200 artificial reefs have been constructed, much of the permitted sites remain open for new reef construction. Existing data documenting the economic benefits of artificial reefs to the local economy strongly validates this proposal to construct new artificial reefs as a means to accelerate ecological and economic recovery from the Deepwater Horizon Oil Spill. This proposal seeks funding to construct fifty new artificial reefs. Escambia County's artificial reef program was analyzed in 1998 by Florida State University economists, and annual economic benefits of artificial reefs was estimated to be more than \$90M, with a 130:1 return on investment.</p> <p>Submitted by: Escambia County Board of County Commissioners.</p>	Escambia	\$11,860,000
<b>E-2</b> Project GreenShores- Seagrass, Salt Marsh and Oyster Habitat Restoration	<p>Proposal to complete restoration at Project GreenShores with the addition of 3.5 acres of salt marsh and seagrass habitat and 8 acres of oyster habitat.</p> <p>Submitted by: The Florida Department of Environmental Protection, partnering with the City of Pensacola, Ecosystem Restoration Support Organization, and Emerald Coastkeepers.</p>	Escambia	\$1,750,000
<b>E-3</b> Perdido Key Dune Crossovers	<p>The project is seeking to construct three dune crossovers on Perdido Key to enhance public access to the Gulf beaches and protection of dune resources, while providing a structure that will support human safety response activities.</p> <p>Submitted by: Escambia County Board of County Commissioners.</p>	Escambia	\$210,000
<b>E-4</b> Public Boat Ramp Enhancement: Pensacola Bay System	<p>Escambia County public boat ramps provide local boaters with access to public waterways. Boating access provides the primary infrastructure upon which many types of secondary activities may be enjoyed. Myriad water-dependent activities include fishing, SCUBA diving, water-skiing, and simply cruising local waterways under power or sail, providing not only recreational values, but also substantial economic value to the local and state economies. Many public boat ramps were used to stage and deploy oil spill response resources during the Deepwater Horizon oil spill. This use, combined with the overall public concern regarding oil pollution, resulted in loss of public use and enjoyment of local waterways.</p> <p>Submitted by: Escambia County Board of County Commissioners, partnering with the Escambia County Marine Advisory Committee.</p>	Escambia	\$900,000
<b>E-5</b> Marine Turtle Program	<p>The project is seeking to enhance the opportunity for marine turtles to successfully nest and to minimize opportunity for hatchlings to become disoriented. As a result of the Deepwater Horizon oil spill, the entire 2010 recruitment of turtles was relocated to the Atlantic coast. To offset this loss off recruitment, Escambia County is seeking funding to enhance monitoring, education, and night lighting reduction programs within our jurisdiction.</p> <p>Submitted by: Escambia County Board of County Commissioners.</p>	Escambia	\$500,000
<b>E-6</b> Dune Restoration, Pensacola Beach	<p>The western boundary of Pensacola Beach lies approximately 7.5 miles east of Pensacola Pass. From that point of origin the project would progress approximately 8.2 miles to the east. This beach segment has been engineered and augmented through two prior nourishment projects. The project will consist of planting appropriate dune vegetation approximately 40' seaward of the existing primary dune on one foot centers to provide a buffer to the primary dune and enhance dune habitats.</p> <p>Submitted by: Escambia County Board of County Commissioners.</p>	Escambia	\$1,300,000
<b>E-7</b> Big Lagoon State Park Boat Ramp Improvements	<p>This project would involve improving the boat ramp area to expand and enhance its use by park visitors. It would include adding an additional lane to the boat ramp, expanding boat trailer parking, improving circulation at the boat ramp and providing a new restroom. This project would rely on the completion of the project to connect the park to the city sewer septic system drainfield. This would require coordination with Escambia County to connect park facilities to the county's central sewer line. Project area is 10 acres.</p> <p>Submitted by: FL Department of Environmental Protection, Division of Recreation &amp; Parks.</p>	Escambia	\$610,000

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<b>E-8</b> Dune Restoration, Perdido Key	The project area on Perdido Key is within Escambia County, FL. Perdido Key is located primarily in Escambia County, is approximately 15 miles long, and extends from Pensacola Pass to the east to Perdido Pass to the west. The project area begins approximately 2.2 miles east of Perdido Pass at the Florida/Alabama state line and extends approximately 6 miles to the east. The project will consist of planting appropriate dune vegetation approximately 40' seaward of the existing primary dune on one foot centers to provide a buffer to the primary dune and enhance dune habitats.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$1,300,000
<b>E-9</b> Shorebird Program - Escambia County	The project is seeking to enhance the opportunity for shorebirds to successfully forage and nest on Escambia County's barrier islands. To offset projected loss of recruitment of shorebird nests resulting from the Deepwater Horizon oil spill, Escambia County is seeking funding to acquire, restore, enhance and monitor habitat and establish an education program regarding shorebirds.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$2,000,000
<b>E-10</b> Perdido Key, Beach Nourishment	The project area on Perdido Key is within Escambia County, FL. Perdido Key is located primarily in Escambia County, is approximately 15 miles long, and extends from Pensacola Pass to the east to Perdido Pass to the west. The project area begins approximately 2.2 miles east of Perdido Pass at the Florida/Alabama state line and extends approximately 6 miles to the east. The first two miles consists of dune restoration, the next 1.7 miles within Perdido Key State Park consists of low sand placement on the upper beach, and the remainder as a traditional beach nourishment project extending into the Gulf.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$20,000,000
<b>E-11</b> Public Boat Ramp Enhancement: Perdido Bay System	This proposal seeks funding to repair/modify one existing boat ramp (Galvez Landing Public Boat Ramp N30-18.8'/W087-26.5'), and acquire property and construct one new boat ramp facility (Perdido Public Boat Ramp N30-31.4'/W087-26.7') to restore the past condition of Escambia County boat ramps and to offset the lost opportunity of boating access.  Submitted by: Escambia County Board of County Commissioners, partnering with the Escambia County Marine Advisory Committee.	Escambia	\$1,600,000
<b>E-12</b> Perdido Key State Park Beach Boardwalk Improvements	This project would involve the replacement of the boardwalks leading to the beach. The existing boardwalks were reconstructed too low to the ground after Hurricane Ivan and are now being inundated by the recovering dune system. Replacement of the boardwalks would greatly improve and protect the federally listed Perdido Key Beach Mouse and its habitat that exist in the park, allow for greater recovery of the dune system and provide improved access for visitors. Project size is 5 acres.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Escambia	\$5,000,000
<b>E-13</b> Big Lagoon State Park Seagrass Buoy Installation	Install 17 permitted "Swim Area -Vessel Exclusion" buoys or signs at East Beach use area of Big Lagoon State Park for sea grass protection, and recreational swimming area. Project will create buffered zone for shorebirds by excluding boat landings in areas and will establish a managed swim area to focus impacts from swimmers in appropriate areas. Project are is 1.1 miles.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Escambia	\$25,250
<b>E-14</b> Restoring Marsh Habitat, Pensacola Bay, FL	Provide additional funds to Greenshores site II to create 10 additional acres of oyster reef.  Submitted by: Escambia County Board of County Commissioners.	Escambia	Unknown

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<b>E-15 Sanders Beach Habitat Restoration</b>	The objective of the proposed project is to restore long-term ecosystem functioning to the Pensacola Bay System through the restoration/creation of approximately 30 acres of seagrass beds, salt marsh habitat and oyster reefs on City of Pensacola owned submerged lands. Project design is in the conceptual phase but the intention is to expand on the successful Project GreenShores restoration effort located approximately 5 miles to the east along the northern shore of Pensacola Bay.  Submitted by: The Florida Department of Environmental Protection, partnering with the City of Pensacola and Sanders Beach Homeowners Association.	Escambia	Unknown
<b>E-16 Perdido Key, Beach Nourishment 2</b>	6.45 mile segment of already critically eroded beach with additional impacts as a result of the oil spill and the response efforts. The borrow area will now need to be assessed for oil contamination prior to the restoration project.  Submitted by: FL Department of Environmental Protection, Bureau of Beaches and Coastal Systems.	Escambia	Unknown
<b>E-17 Pensacola Beach, Beach Nourishment</b>	Pensacola Beach, FL is located towards the western end of Santa Rosa Island in Escambia County, FL. The western boundary of Pensacola Beach lies approximately 7.5 miles east of Pensacola Pass. From that point of origin the project would progress approximately 8.2 miles to the east. This beach segment has been engineered and augmented through two prior nourishment projects.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$28,000,000
<b>E-18 Pensacola Beach</b>	8.2 mile segment of already critically eroded beach with additional impacts as a result of the oil spill and response efforts. The borrow area will need to be assessed for oil contamination prior to construction of the hurricane recovery project.  Submitted by: FL Department of Environmental Protection.	Escambia	\$10,465,000
<b>E-21 Marine Debris Removal within inshore site, offshore and inshore biological and physical monitoring of sand source borrow areas used for beach restoration, Big Lagoon (Perdido Key NS)</b>	Monitor impacts of the removal of 750,000 pounds of sand for beach renourishment, tag 25 sea turtles; remove marine debris.  Submitted by: FL Department of Environmental Protection.	Escambia	\$1,088,000
<b>E-22 Restoring Water Quality: Improvements through the removal of submerged creosote timbers from Bayou Chico, Escambia County</b>	Remove unknown number of creosote piling from Bayou Chico (an EPA impaired waterway).  Submitted by: Pensacola Environmental Services, Inc.	Escambia	\$1,960,965
<b>E-23 Restoring Water Quality and Estuarine Benthic invertebrate habitats through the removal of abandoned marine structures within the Pensacola and Perdido Bay Systems</b>	Remove approximately 17,500 pier pilings which are likely sources of contamination in the Pensacola and Perdido Bay area.  Submitted by: Pensacola Environmental Services, Inc.	Escambia	\$1,960,965
<b>E-24 Pensacola Bay Benthic Infauna Restoration for Water Quality Improvement</b>	This proposed project will restore 100 acres of benthic infauna habitat in the Pensacola Bay System. The restoration of benthic infauna habitat will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Pensacola Bay more resilient to future accidents. These benthic infauna restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Pensacola Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-25 Pensacola Bay Stream Restoration for Water Quality Improvement</b>	This proposed project will restore 50 miles of streams in the Pensacola Bay System. The restoration of these streams will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Pensacola Bay more resilient to future accidents. These natural stream channel restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Pensacola Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000

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<b>E-26</b> Pensacola Bay Wetlands Restoration for Water Quality Improvement	This proposed project will restore 100 acres of wetlands in the Pensacola Bay System. The restoration of these wetlands will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Pensacola Bay more resilient to future accidents. These wetland restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Pensacola Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-27</b> Perdido Bay Benthic Infauna Restoration for Water Quality Improvement	This proposed project will restore 100 acres of benthic infauna habitat in the Perdido Bay System. The restoration of benthic infauna habitat will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Perdido Bay more resilient to future accidents. These benthic infauna restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Perdido Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-28</b> Perdido Bay Stream Restoration for Water Quality Improvement	This proposed project will restore 50 miles of streams in the Perdido Bay System. The restoration of these streams will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Perdido Bay more resilient to future accidents. These natural stream channel restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Perdido Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-29</b> Perdido Bay Wetlands Restoration for Water Quality Improvement	This proposed project will restore 100 acres of wetlands in the Perdido Bay System. The restoration of these wetlands will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Perdido Bay more resilient to future accidents. These wetland restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Perdido Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-30</b> Escambia County Oyster Reef Restoration and Monitoring	This proposal seeks funding to monitor and renourish existing oyster reefs and to construct new oyster reefs within Pensacola Bay and Escambia Bay. Escambia County will coordinate to renourish existing permitted oyster reefs and establish new oyster reefs within local waterways.  Submitted by: Escambia County Board of County Commissioners, partnering with the Florida Division of Aquaculture, Ecosystem Restoration Support Organization, and Florida Fish and Wildlife Research Institute.	Escambia	\$4,000,000
<b>E-31</b> Escambia County Artificial Reef Construction	Construction of fifty (50) artificial reefs in Escambia Nearshore East and West Artificial Reef Sites and/or other permitted artificial reef sites. Each reef will consist of concrete and/or steel materials consistent with existing permits issued by Florida Dept. of Environmental Protection and US Army Corps of Engineers. Escambia County will seek at least one large Navy and/or MARAD vessel for reefing to generate national press coverage and increase tourism.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-32</b> Perdido Key Land Acquisition	The project is seeking to acquire land on Perdido Key to enhance public access to the Gulf beaches and Perdido Bay, protect listed species habitat, and provide for passive recreational activities.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$34,000,000
<b>E-33</b> Escambia County Passenger Ferry Service	A passenger ferry service connecting various points along the Escambia County mainland, Perdido Key and Santa Rosa Island waterfronts will provide alternative transportation for residents and visitors desiring an enjoyment of the journey as well as the destination. Four, shallow-draft diesel (bio-diesel) vessels 50-65 feet in length, with passenger capacity of 75-150 persons, will be acquired and operated for two years under this proposal.  Submitted by: Escambia County Board of County Commissioners, partnering with the Escambia County Area Transit Authority and the Santa Rosa Island Authority.	Escambia	\$4,000,000

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<b>E-34</b> Bayou Chico Mooring Field	Escambia County boaters, marine dealers and water-dependent businesses were impacted by the loss of the 2010 boating season due to the Deepwater Horizon Oil Spill. This proposal seeks to mitigate those losses via construction of a mooring field to stimulate and support increased boating and tourism on local waterways. Escambia County has conducted a preliminary analysis to establish a mooring field to provide safe mooring of vessels. This proposal seeks funding to construct a mooring field in Bayou Chico.  Submitted by: Escambia County Board of County Commissioners, partnering with Bayou Chico Association.	Escambia	\$100,000
<b>E-35</b> Bayou Chico Municipal Marina	This proposal seeks to mitigate those losses via construction of a municipal marina, paddle craft access launch, and public waterfront area to stimulate and support increased access, boating and tourism on local waterways. This proposal seeks funding to construct a municipal marina, waterfront public meeting area, paddle craft access launch in Bayou Chico.  Submitted by: Escambia County Board of County Commissioners, partnering with Bayou Chico Association.	Escambia	\$2,500,000
<b>E-36</b> Perdido Bay Stormwater Restoration for Water Quality Improvement	The Deepwater Horizon oil spill negatively affected water quality, aquatic habitat, and aquatic nursery areas in Escambia County, Florida. This proposed project will restore and retrofit 4000 acres of stormwater discharges in the Perdido Bay System. The restoration and retrofit of these stormwater discharges will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Perdido Bay more resilient to future accidents. These stormwater restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Perdido Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-37</b> Pensacola Bay Stormwater Restoration for Water Quality Improvement	The Deepwater Horizon oil spill negatively affected water quality, aquatic habitat, and aquatic nursery areas in Escambia County, Florida. This proposed project will restore and retrofit 4000 acres of stormwater discharges in the Pensacola Bay System. The restoration and retrofit of these stormwater discharges will mitigate the impacts of the Deepwater Horizon oil spill, as well as make Pensacola Bay more resilient to future accidents. These stormwater restoration projects will improve water quality, increase aquatic habitat, and increase aquatic nursery areas in the Pensacola Bay System.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$10,000,000
<b>E-38</b> Bayou Chico Estuarine Restoration	This project proposes estuarine restoration and sediment removal in Escambia County.  Submitted by: Northwest Florida Water Management District.	Escambia	\$8,000,000
<b>E-39</b> Restoration / Creation of Regional Fish Habitat, Escambia County	Create 2 new artificial reef sites with 304 new patch reefs.  Submitted by: Escambia County Board of County Commissioners.	Escambia	\$1,860,000
<b>SR-1</b> Navarre Beach Marine Sanctuary Reef Project	Install 3 nearshore snorkeling and diving reefs at Navarre Beach County Park; two in Santa Rosa Sound and one in the Gulf of Mexico.  Submitted by: Navarre Beach Area Chamber of Commerce Foundation, Inc., partnering with Wetland Science, Inc., Walter Marie Artificial Reefs/"Reefmaker," and Santa Rosa Board of County Commissioners.	Santa Rosa	\$187,500
<b>SR-2</b> Garcon Point (Pensacola Bay) Restoration	Oyster reefs provide important habitat and act as storm barriers for upland marshes and forested wetlands. Installing oyster reef (oyster shell mounds and Reef Block) along 2 miles of shoreline at 2 sites on opposite sides of Garcon Point and restoring oyster reef and salt marsh habitat in eroded areas will speed the recovery of salt marsh and wetlands potentially impacted by oil. Includes public access component.  Submitted by: Bay Area Resource Council.	Santa Rosa	\$835,000
<b>SR-3</b> Estuarine Coastal Restoration, Stabilization and Protection using the creation of an intertidal oyster reef, Blackwater Bay, Milton, FL	Construct oyster reef breakwater to prevent further erosion of coastline.  Submitted by: FL Department of Environmental Protection.	Santa Rosa	\$1,081,640

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<b>SR-4</b> Santa Rosa Island Dune Restoration	The proposed project will provide an education/outreach strategy to disseminate educational materials and project overview demonstrating the relationship between coastal resources, community/humanity, endangered species impacts, and socioeconomic effects.  Submitted by: Florida Department of Environmental Protection Ecosystem Restoration Section, partnering with Santa Rosa County, the University of Florida and UF/IFAS Extension.	Santa Rosa	\$3,500,000
<b>SR-5</b> Navarre Beach Restoration	4.1 mile segment of critically eroded beach.  Submitted by: FL Department of Environmental Protection.	Santa Rosa	\$8,460,000
<b>SR-6</b> Relocation of the Navarre Beach Waste Water Treatment Plant Outfall	Design and construct a pipeline, public-access reuse distribution system, and a rapid rate infiltration basin site to provide alternative locations for discharging the effluent.  Submitted by: Santa Rosa County.	Santa Rosa	\$15,000,000
<b>SR-7</b> Garcon Ecosystem Florida Forever Project/Yellow River Marsh State Park/ Garcon Point Water Management Area/ Yellow River Marsh Aquatic Preserve	Land acquisition of approximately 7,724 acres among multiple parcels. Management will include restoration of disturbed natural communities and perpetuation and maintenance of natural communities including regular prescribed burns to manage and maintain native vegetation. A burn management plan will be developed and ongoing species surveys and other management activities conducted.  Submitted by: Florida Fish and Wildlife Conservation Commission.	Santa Rosa	\$19,435,000
<b>SR-12</b> Yellow River Marsh Aquatic Preserve Shoreline Stabilization and Restoration	Restore and enhance approximately 10 acres of shoreline and submerged lands within the Yellow River Marsh Aquatic Preserve. Provide protection and enhancement of the coastal upland 400 acre continuous parcel of the Yellow River Marsh Preserve State Park.  Submitted by: FL Three Rivers Resources Conservation and Development.	Santa Rosa	\$408,600
<b>O-1</b> Choctawhatchee Bay Oyster Reef and Salt Marsh Restoration	Construct multiple oyster reefs and salt marsh restorations along the Choctawhatchee Bay shoreline in coastal Okaloosa County.  Submitted by: Okaloosa County, partnering with the City of Fort Walton Beach, The Northwest Florida Water Management District, and the Choctawhatchee Basin Alliance.	Okaloosa	\$3,000,000
<b>O-2</b> Okaloosa Island Dune Restoration	Plant sea oats in the dunes of Okaloosa Island with local resident volunteers.  Submitted by: The Condo Alliance of Okaloosa Island.	Okaloosa	\$30,000
<b>O-3</b> Northwest FL estuarine habitat restoration, protection and education, Ft. Walton Beach	The proposed project aims to restore and protect habitat for many important waterbird and inshore species found in the Greater Ft. Walton Beach area of Northwest FL, including several state and federal listed species. This will be accomplished through estuarine shoreline plantings, oyster reef restoration, shoreline protection zones, and educational boardwalk complete with bird viewing stations and educational signage.  Submitted by: City of Ft. Walton Beach.	Okaloosa	\$5,755,743
<b>O-4</b> Fort Walton Beach Shorewalk - Habitat Restoration and Education	Restore estuarine shoreline of Santa Rosa Sound in Fort Walton Beach by installing native estuarine grasses, an artificial reef, and an interactive educational boardwalk.  Submitted by: The City of Fort Walton Beach	Okaloosa	\$31,120,000
<b>O-5</b> Ft. Walton Beach and Okaloosa Island, Beach Restoration and Nourishment, Okaloosa County	2.8 mile segment of critically eroded beach as well as additional impacts as a result of the oil spill and response efforts this year. The borrow area may need to be assessed for oil contamination prior to the restoration project.  Submitted by: FL Department of Environmental Protection.	Okaloosa	\$17,000,000

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<b>O-6</b> Western Destin, Okaloosa County	The western 1.7 miles of Destin was designated as a critically eroded beach and had additional impacts as a result of the oil spill and response efforts. The Department issued a Notice of Intent to Issue a Joint Coastal Permit for the Western Destin Beach Restoration Project, R16.6 - R25.5. Because the area between R17 and R20 (Holiday Isle) suffered severe erosion from storm events, including Tropical Storm Ida, the Department issued an Emergency Joint Coastal Permit for emergency restoration on April 6, 2010. While this portion of emergency restoration was completed at a cost of \$2,000,000 on September 22-23, 2010, R20 through 25.5 remains un-renourished (local sponsor is withdrawn for R22.6-R23.2) and the entire R16.6 through 25.5 remains in need of restoration for project completion.  Submitted by: FL Department of Environmental Protection.	Okaloosa	\$11,400,000
<b>O-7</b> Eastern Destin, Okaloosa County	The eastern segment of Destin, R39 through R50, was designated as a critically eroded beach and had additional impacts as a result of the oil spill and response efforts.  Submitted by: FL Department of Environmental Protection.	Okaloosa	\$7,000,000
<b>O-8</b> Okaloosa Island and Western Destin Beach Restoration Projects	Designed to construct pre-Hurricane Opal beach widths on Okaloosa beach and Destin beach.  Submitted by: Okaloosa County, partnering with the City of Destin.	Okaloosa	\$25,000,000
<b>O-9</b> Choctawhatchee Bay Water Quality Initiative	Install stormwater separators at multiple saltwater outfall locations throughout the bay to reduce continued pollutant loading.  Submitted by: Okaloosa County, partnering with the City of Fort Walton Beach.	Okaloosa	\$5,000,000
<b>O-10</b> Stabilization of Norriego Point	Recreate and stabilize the point back to the size of its maximum footprint. The point covers 17-20 acres of undeveloped sandy beach and dunes.  Submitted by: City of Destin, partnering with the Army Corps of Engineers, Florida Department of Environmental Protection, Okaloosa County.	Okaloosa	\$7,000,000
<b>W-1</b> Live Oak Point Acquisition and Enhancement	This project proposes estuarine marsh enhancement and wetland buffer acquisition in Walton County.  Submitted by: Northwest Florida Water Management District.	Walton	\$1,750,000
<b>W-2</b> Walton County Fishing Pier	1000 foot pier into the Gulf of Mexico in Walton County. Five miles, five acres.  Submitted by: Walton County	Walton	\$10,800,000
<b>W-3</b> Recreation loss projects	20 acres; land acquisition, boardwalks and dune crossovers.  Submitted by: Walton County	Walton	\$35,000,000
<b>W-4</b> Deer Lake Park Development	Deer Lake is an minimally developed park with limited facilities for public use. This project would add a paved access road, parking, picnic shelters and a restroom to Deer Lake State Park. The project is already designed and permitted. Project size is 7 miles.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Walton	\$500,000
<b>W-5</b> Sand Dune Monitoring and Restoration	Monitor 20 miles/70 acres.  Submitted by: Walton County	Walton	\$33,568,000
<b>W-6</b> Western Walton County	5.0 mile segment of critically eroded beach that includes unincorporated Miramar Beach, Tang-O-Mar Beach, Gulf Pines, Sandestin, and Four Mile Village. This area had additional impacts as a result of the oil spill and response efforts this year. Strategy: Maintain restoration projects through monitoring and nourishment using sand from offshore sources; monitor the East Pass ebb shoal borrow area and east end of Santa Rosa Island for possible adverse long term effects requiring mitigation.  Submitted by: FL Department of Environmental Protection.	Walton	\$15,000,000

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<b>W-7</b> Walton County, 30-A Beach Restoration and Nourishment	13.5 mile area of critically eroded shoreline has been impacted as a result of the oil spill and response efforts this year. Walton County is working with the U.S. Army Corps of Engineers to obtain federal authorization for the restoration project. The borrow area may need to be assessed for oil contamination prior to the restoration project. Includes Beach Highlands and Dune Allen Beach through Seacrest Beach. <i>Project includes Western Walton County, Beach Highlands and Dune Allen Beach, Blue Mountain Beach, Gulf Trace, Grayton Beach, Seagrove Beach, Inlet Beach, and Seacrest Beach.</i>  Submitted by: FL Department of Environmental Protection.	Walton	\$45,000,000
(a) Beach Highlands and Dune Allen Beach, Walton County	2.7 mile segment of critically eroded beach in need of restoration had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
(b) Blue Mountain Beach, Walton County	1.0 mile segment of critically eroded beach has had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
(c) Gulf Trace, Walton County	0.2 mile segment of critically eroded beach which had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
(d) Grayton Beach, Walton County	0.1 mile segment of critically eroded beach and had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
(e) Seagrove Beach, Walton County	3.1 mile segment of critically eroded beach and had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
(f) Inlet Beach, Walton County	0.4 mile segment of critically eroded beach and had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. (Included in Walton County 30-A project).	Walton	Included in W-7
(g) Seacrest Beach, Walton County	1.8 mile segment of critically eroded beach and had additional impacts as a result of the oil spill and response efforts this year. Strategy: Facilitate the county-wide feasibility study underway by the U.S. Army Corps of Engineers. Construct a beach restoration project. (Included in Walton County 30-A project).	Walton	Included in W-7
<b>W-8</b> Walton County Beach Restoration	Restore 25.6 miles/5,714 acres of beach.  Submitted by: Walton County	Walton	\$60,000,000
<b>W-9</b> Restoration of Species Diversity and Hydrologic Function in Coastal Wetlands	Project area is 55 acres, distributed throughout Grayton Beach, Deer Lake and Topsail Hill Preserve state parks and supports varied wetland communities in the watersheds of seven coastal dune lakes. Restore original species composition and structure to the wetland communities by removal and control of woody vegetation. Reduce duff and leaf litter by 60% over time to return seepage slopes, wet prairie to historic soils properties of low organic, nutrient poor, composition. Establish photo points, vegetative transects, and depth of duff measurements to monitor groundcover composition and structure, and soil condition over time. Reintroduce fire over seven years to 100% of the cleared project area.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Walton	\$400,000

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<b>W-10</b> Live Oak Point Peninsula	Erosion prevention through shoreline stabilization, buffer upland areas from storm surges, provide nursery and foraging habitat for a variety of aquatic organisms, restore bird habitat, and enhance natural filtering of runoff from adjacent uplands. This project further seeks the acquisition of "Section 16" school lands, outparcels and other tracts.  Submitted by: FL Department of Environmental Protection.	Walton	Unknown
<b>W-11</b> Water quality and inland waters investigation, monitoring and restoration of 15 coastal lakes	Monitor and restore 50 acres.  Submitted by: Walton County, partnering with the Choctawhatchee Basin Alliance.	Walton	\$10,000,000
<b>W-12</b> Restoring Coastal Dune Lakes, Watersheds, Wetlands	Remove large woody species from wetlands in three state parks (Topsail Hill Preserve, Grayton Beach, Deer Lake); maintain with prescribed burn.  Submitted by: FL Three Rivers Resources Conservation and Development.	Walton	\$7,684,529
<b>W-14</b> Walton County Marine Fish Hatchery and Research Center	This facility will consist of two components: 1) an intensive aquaculture system for the production and release of fish species such as red drum and spotted sea trout. These hatchery-raised fish will be used to supplement or restore native fish populations: 2) a coastal habitat plant production facility that provides both wastewater treatment for the fish production system and plants for marsh and shoreline restoration projects.  Submitted by: Walton County	Walton	\$13,000,000
<b>W-15</b> Water Quality Monitoring and Restoration of Choctawhatchee Bay	The proposal seeks funding for water and sediment monitoring in Choctawhatchee Bay to determine potential post-oil spill impacts. Conduct species inventory, including fisheries, long-term seagrass and phytoplankton monitoring. Establish living shorelines and habitat improvement projects in the Choctawhatchee Bay.  Submitted by: Walton County, partnering with Choctawhatchee Bay Alliance.	Walton	\$10,000,000
<b>W-16</b> Walton County Beaches Habitat Conservation Plan	The Habitat Conservation Plan is a multi-species program to protect and enhance federally endangered and threatened species and their habitat. Species include nesting marine turtles, shorebirds such as Piping Plover, and the Choctawhatchee Beach Mouse. It will provide a mechanism by which property owners can legally protect their beachfront property in the event of future shoreline impacts while maintaining compliance with federal law. Project size is 25.6 miles, with an affected area of 5,714 acres. \$7,000,000 available in local funds.  Submitted by: Walton County, Florida.	Walton	\$3,000,000
<b>W-17</b> Offshore and Inshore Artificial Reef Construction	Construct 20 artificial reefs to provide habitat for estuarine and marine species, as well as enhance economic opportunities for local fishermen. Project size is 50 acres.  Submitted by: Walton County, Florida.	Walton	\$2,000,000
<b>W-18</b> Infrastructure to Offset Water Quality Impacts	In Choctawhatchee Bay and the coastal dune lakes: a) stormwater upgrade retrofits, b) stream and shoreline restoration, and c) wetland restoration for water quality improvement. Project size is 15 miles, with an affected area of 37,000 acres.  Submitted by: Walton County, Florida.	Walton	\$40,000,000
<b>W-19</b> Marine Turtle Monitoring and Population Restoration	The project proposes to enhance monitoring, education, and night lighting reduction programs for marine turtle conservation. Project size is 25.6 miles, with an affected area of 5,714 acres. Estimated cost is \$70,000 per year.  Submitted by: Walton County, Florida.	Walton	\$70,000
<b>W-20</b> Shorebird Nesting Species Monitoring and Restoration of Nesting Areas and Population	The project will acquire, restore, enhance and monitor habitat and provide education programs about shorebirds. Project size is 25.6 miles, with an affected area of 5,714 acres. Estimated cost is \$50,000 per year.  Submitted by: Walton County, Florida.	Walton	\$50,000
<b>B-1</b> Bay County Tourist Development Council (TDC)/Sea Turtle Lighting Retrofits	Provide financial assistance to property owners that are required to retrofit property to comply with 2009 county and city lighting ordinances.  Submitted by: Bay County Tourist Development Council	Bay	\$1,000,000

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<b>B-2</b> Beach Outfall Restoration with Environmental Enhancements	This project includes the restoration, replacement and enhancement of fourteen continuous stormwater outfalls.  Submitted by: City of Panama City Beach	Bay	\$16,550,000
<b>B-3</b> St. Andrew Bay Shoreline Restoration, West Bay, Panama City	The goal of this project is to stabilize and restore eroding shorelines in St. Andrew Bay. Restoration will be accomplished by establishment of 4 miles of 6' tall wave attenuation devices, shell substrate, marine debris clean up, and appropriate shoreline vegetation - resulting in 1,000 acres seagrass, 20-100 acres marsh, and 1-5 acres oyster.  Submitted by: St. Andrew Bay Environmental Study Team.	Bay	\$1,400,000
<b>B-4</b> Restoration Nearshore Large Area Artificial Reef Sites	The permits and processing for one near shore (Large Area Artificial Reef Site) LAARS will cost approximately \$5,000.00. This will include the ability to monitor and oversee the placement of up to 63 reef modules within one square mile. The REEFMAKER will build and deploy the FWC-approved artificial reef modules in the permitted LAARS area for \$1,495.00 each. We can build one near shore LAARS each year for the next five years.  Submitted by: Bay County Board of County Commissioners, Artificial Reef Program.	Bay	\$511,925
<b>B-5</b> Panama City Beach-Community Redevelopment Agency (CRA)/Long Beach Park Educational Beach/Dune Lake Walk/Paddle Trail	The Long Beach Park Educational Project will provide access for visitors and residents to experience the natural ecosystems that exist within Historic Long Beach. The Project consists of the purchasing of the old Gulf of Mexico Beach Club motel property for public beach access and use; the purchase of an adjoining five acres for an upland park to support non-beach education and wetland restoration; and the donation of some nine acres of privately owned wetlands and uplands for a 1.5-mile walking trail around extensively impacted Lake Flora head waters to Grand Lagoon.  Submitted by: Panama City Beach-Community Redevelopment Agency.	Bay	\$9,000,000
<b>B-6</b> Mexico Beach, Bay County	2 miles of critically eroded beach that encompasses the City of Mexico Beach, east of Mexico Beach Inlet. Area in need of sand-bypassing and was impacted by oil and response efforts.  Submitted by: FL Department of Environmental Protection.	Bay	\$100,000
<b>B-7</b> St. Andrews Inlet, Shoreline Stabilization and Breakwaters Construction, Bay County	0.2-mile segment of critically eroded inlet shoreline on the west side of St. Andrews Inlet fronting Gator Lake and had additional impacts as a result of the oil spill and response efforts this year. The west inlet shoreline is in need of stabilization to protect Gator Lake.  Submitted by: FL Department of Environmental Protection.	Bay	Unknown
<b>B-8</b> Bay County Tourist Development Council (TDC)/Beachfront Acquisition/Development of Environmental Education Center	Purchase beachfront property to remove derelict buildings and other debris, restore the natural dune ecosystem, increase public access to the beach. 20.32 miles along Panama City Beach, Front Beach Road.  Submitted by: Bay County Tourist Development Council.	Bay	\$51,500,000
<b>B-9</b> West Bay of the St. Andrew Bay Estuary and Ecosystem	About 14,500 acres in the WBPA area already protected through mitigation agreements, and additional lands are protected by easements. At least 4,500 acres are available for conservation purchase or easement.  <u>Submitted by: Bay County c/o West Bay Preservation Advisory Committee</u>	Bay	Unknown
<b>B-10</b> Panama City Beach-Community Redevelopment Agency(CRA)/Front Beach Road-Stormwater	The Front Beach Road Stormwater project will capture and treat stormwater where there is currently no treatment. This project will capture, attenuate and treat all stormwater for a 1.2-mile section of US 98 adjacent to the Gulf of Mexico. The CRA has completed 1.1 miles and is currently 50% complete on another 1.3-mile section. The existing direct outfall structures removed will also reduce pollutants and beach shoreline erosion. The stormwater ponds will also provide reuse-water for landscape irrigation.  Submitted by: Panama City Beach Community Redevelopment Agency	Bay	\$144,000,000
<b>B-11</b> Urban Stormwater Retrofits – St. Andrew Bay	Stormwater treatment; estuarine water quality improvement  Submitted by: Northwest Florida Water Management District.	Bay	\$1,700,000

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<b>B-12</b> St. Andrews State Park Concession Building Replacement	The current concession building is located within the beach dune system. Over the years the dunes have migrated landward and are now severely encroaching on the building. The design and permitting phase for the replacement of the building is underway and will be completed in the next 6 months. Demolition and removal of the existing structure from the dune line and constructing the building further landward will also increase the habitat for the federally listed St. Andrews Beach Mouse. Project area is 1 acre.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks.	Bay	\$400,000
<b>B-13</b> Oyster Reef Restoration in the St. Andrew Bay System, Florida	This project will use 9,000 cubic yards of shell material to replace substrate and re-establish elevation on impaired oyster reefs in West Bay, North and East Bays in Bay County. Project size is 45 acres. Funding available: \$181,300.  Submitted by: Florida Department of Agriculture and Consumer Services.	Bay	\$702,300
<b>B-14</b> Lynn Haven	Restore salt marsh habitat and restore shoreline protection through enhancement of the breakwater, constructed in 2005, with herbaceous plantings.	Bay	Unknown
<b>B-15</b> Panama City Beaches, Restoration and Nourishment, Bay County  The area between appx. 500 feet east of R4 and R93 is included in the Federal Panama City Beaches Erosion Control and Storm Damage Reduction Project.	18.6 mile segment of critically eroded beach (Panama City Beaches and St. Andrews State Park). The federal project was initially constructed between August 1998 and April 1999, and nourished in 2005, and then suffered storm damage from multiple storms in 2005. In addition to the damage from 2005, there are impacts as a result of the oil spill and response efforts. Therefore, areas of the project are in need of nourishment. The borrow areas may need to be assessed for oil contamination prior to construction.  Submitted by: FL Department of Environmental Protection	Bay	\$25,000,000
<b>B-16</b> Bay County Tourist Development Council (TDC)/Pinnacle Port/Carillon Beach Segment of Panama City Beaches Shore Protection	Nourishment of the Pinnacle Port/Carillon Beach segment of Panama City beaches.  Submitted by: Bay County Tourist Development Council.	Bay	\$6,000,000
<b>B-17</b> Bay County Tourist Development Council (TDC)/Bay County Beach Renourishment	Renourishment of 18.5 miles of Panama City Beach and 3.0 miles of Mexico Beach.  Submitted by: Bay County Tourist Development Council	Bay	\$49,500,000
<b>G-1</b> Sand Dune & Vegetation Project	Evaluate and restore sand dunes, fencing, sea oats and native vegetation.  Submitted by: Gulf County Florida	Gulf	\$800,000
<b>G-2</b> Habitat Conservation Project	Plan and develop a habitat conservation plan for wildlife, including birds, turtles and mice.  Submitted by: Gulf County Florida	Gulf	\$1,335,000
<b>G-3</b> Oyster Reef & Scallop Monitoring Project	Test, monitor, and restore scallop and oyster reefs in St. Joseph Bay.  Submitted by: Gulf County Florida	Gulf	\$4,000,000
<b>G-4</b> Artificial Reef Project	Purchase an old ship as an artificial reef offshore, and construct smaller reefs in St. Joseph Bay.  Submitted by: Gulf County Florida	Gulf	\$10,600,000
<b>G-5</b> St. Joseph Peninsula, Gulf County	This is a 7.1 mile segment of critically eroded beach, which was restored in 2008 but damaged by Hurricane Gustav in August 2008. This shoreline was impacted by oil and cleanup/response efforts. Gulf County has applied for but not obtained funding assistance from FEMA for hurricane recovery. Numerous habitable structures are in imminent danger due to erosion. Borrow area will need to be assessed for oil contamination prior to hurricane recovery project.  Submitted by: FL Department of Environmental Protection.	Gulf	\$10,850,000

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<b>G-6</b> Cape San Blas, Gulf County	1.2 mile segment of critically eroded beach along Cape San Blas that includes the Stump Hole area. In 1998, the FLDEP sponsored a feasibility and design study of the hurricane evacuation route (County Road 30E) and beach management on St. Joseph Peninsula between survey monuments, with emphasis on the segment of shoreline in the vicinity of Stump Hole. This study recommended replacement of the road with a bridge in the area subject to overwash by storm tides and waves.  Submitted by: FL Department of Environmental Protection.	Gulf	\$55,000,000
<b>G-7</b> Beach Nourishment & Borrow Pit Evaluation Project	Testing and boring of 36 miles of coastline, removing oil contaminated sand, and renourishing beaches. Proposal includes testing borrow areas.  Submitted by: Gulf County Florida	Gulf	\$114,000,000
<b>G-8</b> Recreation Projects	Land acquisition, boat ramps, boardwalks, dune walkovers, fishing piers, parks, marine biology center, and a mooring field.  Submitted by: Gulf County Florida	Gulf	\$16,200,000
<b>G-9</b> St. Joseph Bay Seagrass Propeller Scar Recovery Project: Restoration, Monitoring, and Management of Propeller Scars in St. Joseph Bay Aquatic Preserve	<i>Task 1</i> : survey seagrass injuries, manufacture, fill and deploy, sediment tubes to stabilize scars, place buoys around the restoration area to prevent re-injury, and further provide a post-activity report upon restoration completion. Central Panhandle Aquatic Preserve will monitor long-term success of the project including biannual surveys, underwater photography, and video documentation. <i>Task 2</i> : The second component will involve a partnership with the University of Florida's Cooperative Fish and Wildlife Research Unit (Coop Unit) and the Dauphin Island Sea Laboratory (DISL) to establish baseline conditions and monitor restoration progress. The boater outreach education component of this task will install <i>Shallow Seagrass Area</i> signage, generate 2,500 brochures, and install education signage at 3-4 popular boat ramps, and provide community and volunteer opportunities.  Submitted by: FL Department of Environmental Protection.	Gulf	\$2,046,458
<b>G-10</b> Debris Removal and restoration of barrier island critical to nesting loggerhead turtles along St. Joseph Peninsula, FL	Identify marine debris; remove from beach and nearshore; sea oat planting/dune restoration; tag turtles.  Submitted by: University of Florida.	Gulf	\$1,235,240
<b>G-11</b> Seagrass Restoration & Buoy Project	Test waters to evaluate seagrass beds for damages, test for product, and implement a buoy system to protect seagrasses from boaters in the future.  Submitted by: Gulf County, Florida	Gulf	\$1,500,000
<b>G-15</b> Infrastructure Projects	Test for water quality and provide for design and construction of major stormwater retrofit projects to offset quality impacts resulting from the Oil Spill, extend sewer services to areas near the coastline and water affected by tidal flow.  Submitted by: Gulf County, Florida	Gulf	\$7,200,000
<b>G-16</b> St. Joe Bay Buffer Florida Forever Project/ St. Joe Bay State Buffer Preserve/ St. Joe Bay Aquatic Preserve	Land acquisition project, remaining acres: 3,263. Minimal restoration is anticipated given the high-quality of the natural communities in the project.  Submitted by: Florida Fish and Wildlife Conservation Commission.	Gulf	\$22,188,000
<b>F-1</b> Franklin County Boat Ramp Improvement	Construction of new boat ramps to offset the lost opportunity of use of boat ramps during spill response when existing ramps were not accessible due to use by boats with boom and equipment deployment.  Submitted by: Franklin County Board of County Commissioners.	Franklin	\$5,000,000
<b>F-2</b> St. Marks National Wildlife Refuge Lanark Reef Acquisition	Acquire 8.5 acres. Important habitat for nesting terns, skimmers, brown pelicans, piping plover, American oystercatcher, royal terns, and laughing gulls. Supports bird species affected by the oil spill.  Submitted by: Florida Fish and Wildlife Conservation Commission, on behalf of the National Wildlife Refuge Association and Defenders of Wildlife.	Franklin	\$200,000

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<b>F-3</b> Apalachicola National Estuarine Research Reserve/ Cat Point Marsh and Oyster Habitat	Shoreline stabilization and marsh creation on a critically eroding bay shoreline, includes creation of a living shoreline, trail, and pier as well as educational signage and information. This project will create salt marsh and oyster habitat in Apalachicola Bay through four phases: 1) construction and 2) establishment of oyster reefs, 3) shoreline and shallow water plantings, and 4) pre and post-restoration monitoring. In addition to providing a buffer zone and habitat enhancement, marsh creation and associated oyster bar creation will compensate transportation impacts through habitat expansion, water quality improvement, and shoreline vegetation stabilization.  Submitted by: FL Department of Environmental Protection.	Franklin	\$1,000,000
<b>F-4</b> Apalachicola Bay Oyster Industry Restoration	Repair and replenish the natural oyster bars with proper substrate so spat will continue to have a place to grow.  Submitted by: Franklin County Board of County Commissioners.	Franklin	\$30,000,000
<b>F-5</b> St. George Island, Franklin County	4.5 mile segment of critically eroded beach along the eastern gulf shoreline of St. George Island within the state park. Strategy: Landward relocation or rebuilding of damaged or existing structures; perform feasibility study; monitor; conduct dune restoration.  Submitted by: FL Department of Environmental Protection.	Franklin	Unknown
<b>F-6</b> Alligator Point (southwest cape) and Lighthouse point, Franklin County R10-R225	A 2.8 mile segment of critically eroded beach on the east end of Alligator Point between the Southwest Cape and Lighthouse Point on St. James Island. The borrow area may need to be assessed for oil contamination prior to the restoration project.  Submitted by: FL Department of Environmental Protection.	Franklin	\$10,000,000
<b>F-7</b> Dog Island, Franklin County	3.6 mile segment of critically eroded beach along the eastern gulf shoreline of Dog Island. Strategy: Landward relocation or rebuilding of damaged or existing structures.  Submitted by: FL Department of Environmental Protection.	Franklin	Unknown
<b>F-8</b> Franklin County Beach Renourishment	Renourish Alligator Point, Dog Island and Carrabelle Beach, and do sand fencing and dune vegetation for St. George Island. Franklin County does not allow vehicles on beaches, but had government and BP vehicular traffic due to the spill.  Submitted by: Franklin County Board of County Commissioners.	Franklin	\$15,000,000
<b>F-9</b> St. Marks National Wildlife Refuge St. Marks River Land Acquisition	Acquire 1,355 acres on St. Marks River. Juncus and Spartina marsh along ¼ mile of riverbank, hydric hardwood hummock, several hundred acres pine flatwoods restorable to longleaf pine flatwoods. Protects habitat for egrets, woodstorks, reddish egret, royal terns.  Submitted by: Florida Fish and Wildlife Conservation Commission, on behalf of the National Wildlife Refuge Association and Defenders of Wildlife.	Franklin	\$4,700,000
<b>F-10</b> St. Vincent National Wildlife Refuge St. Vincent Island Access Land Access	Acquire 5 acres. Provides access to St. Vincent Island. Maritime liveoak vegetation important to migrating neotropical birds.  Submitted by: Florida Fish and Wildlife Conservation Commission, on behalf of the National Wildlife Refuge Association and Defenders of Wildlife.	Franklin	\$1,300,000
<b>F-11</b> Bald Point State Park Campground/Cabins	Completion of the phase 1 development at Bald Point State Park. This project is completely designed and permitted. The project was only partially completed due to lack of funding. Included in this project is construction of a ranger station, a visitor day-use area, a canoe/kayak launch, 30 RV campsites with the associated facilities, a primitive group camp with associated facilities and two back country primitive campsites and six rental cabins. Project size is 100 acres.  Submitted by: FL Department of Environmental Protection, Division of Recreation & Parks	Franklin	\$4,675,000

**Draft Initial Analysis of Projects Appearing to Meet the Oil Pollution Act and Framework Agreement Guidelines**

**List 2**

**7/21/11**

<b>Project</b>	<b>Description</b>	<b>County</b>	<b>Estimated Cost</b>
<b>F-13</b> Cat Point Marsh and Oyster Habitat	This project will create salt marsh and oyster habitat in Apalachicola Bay through four phases: 1) construction and 2) establishment of oyster reefs, 3) shoreline and shallow water plantings, and 4) pre and post-restoration monitoring. In addition to providing a buffer zone and habitat enhancement, marsh creation and associated oyster bar creation will compensate transportation impacts through habitat expansion, water quality improvement, and shoreline vegetation stabilization.  Submitted by: FL Department of Environmental Protection	Franklin	Unknown
<b>F-17</b> Oyster Reef Restoration in the Apalachicola Bay System, Florida	This project will use 18,000 cubic yards of processed oyster shell to replace substrate and re-establish elevation on impaired oyster reefs in Apalachicola Bay, St. Vincent Sound and St. George Sound in Franklin County. Project size is 100 acres. Funding available: \$298,650.  Submitted by: Florida Department of Agriculture and Consumer Services.	Franklin	\$1,052,650
<b>Wk-1</b> Shell Point, Wakulla County	1.0 mile segment of critically eroded beach. A feasibility study was initiated in 2007. Strategy: Conduct a small scale beach restoration of the public beach area using sand from upland borrow sources; complete feasibility study; monitor.  Submitted by: FL Department of Environmental Protection.	Wakulla	Unknown
<b>Wk-2</b> Mashas Sands County Park, Wakulla County	0.3 mile segment of critically eroded beach. A terminal groin has been authorized but not yet constructed by the county near the west end of the park. A feasibility study was initiated in 2007. Strategy: Conduct a small scale beach restoration project using sand from upland borrow sources or from maintenance dredging of an adjoining canal entrance; complete feasibility study; monitor.  Submitted by: FL Department of Environmental Protection.	Wakulla	Unknown
<b>Total 120 projects</b>		<b>Total</b>	<b>\$1,675,521,365</b>