

PINELLAS COUNTY  
RESTORE ACT DIRECT COMPONENT PROJECTS  
IDEAS SUBMITTED TO PINELLAS COUNTY

SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/7/14	
PROJECT NAME:	Tides Golf Course Acquisition & Restoration	
PROJECT DESCRIPTION:	Purchase ~90 acre property, retrofit stormwater systems , restore habitat, create trails and boardwalks. Project could be phased starting with purchase for ~\$2.7-5.5 million	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality √ Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County	
PROJECT DURATION:	5 years? (1 year to purchase, 2 years design/permitting, 2 years construction)	
COST:	\$2 - \$5 million	
NOTES:	Golf course owned by Wells Fargo, operating by Arnold Palmer Golf Mgmt. (need to check). Wells Fargo wants Land Use change from Rec/Open Space.	

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/7/14	
PROJECT NAME:	Turtle Club Property Park Creation	
PROJECT DESCRIPTION:	Purchase old Turtle Club Property next to Clw-St Pete Airport and create nature park with rest room, kiosk, parking lot, and boardwalk along creek to bay	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County Parks and Conservation Resources with Nature Conservancy & Florida Fish and Wildlife Conservation Commission	
PROJECT DURATION:	6 months	
COST:	< \$1 million	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/8/14	
PROJECT NAME:	Bike Rack Purchase and Distribution Program	
PROJECT DESCRIPTION:	Buy large quantities of bike racks and provide to all who request them (PSTA, Pubs, Stores, Churches, Businesses, etc.)	
GOALS ADDRESSED: √	Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources √ Enhance Community Resilience √ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Trade schools, worker re-training programs, small businesses in the area	
PROJECT DURATION:	?	
COST:	?	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/10/14	
PROJECT NAME:	Floating Dock at Bob McEwen Park, Indian Shores	
PROJECT DESCRIPTION:	Construct a floating dock along the Indian Shores narrows to allow launching of kayaks, canoes, or paddle boards. The existing seawall is tall, covered with oysters, and dangerous to traverse to access the waterway.	
GOALS ADDRESSED: V	Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience ✓ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Town of Indian Shores	
PROJECT DURATION:	6 months	
COST:	?	
NOTES:		

PINELLAS COUNTY  
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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/17/14	
PROJECT NAME:	Pinellas Educational Nature Center	
PROJECT DESCRIPTION:	Create a mid-Pinellas Nature Center with camping facilities focused to serve preschool children through college aged young adults with exposure to a variety of environmental education and environmental career opportunities.	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources √ Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County	
PROJECT DURATION:	<1yr	
COST:	\$2 million	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/17/14	
PROJECT NAME:	Sewer Collection System Improvements – East Oldsmar	
PROJECT DESCRIPTION:	Project to remove ~50 septic tanks and connect each resident to the sanitary sewer system.	
GOALS ADDRESSED: √	Restore and Conserve Habitat √ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:		
PROJECT DURATION:		
COST:	\$1,250,000	
NOTES:	Project currently in City budget for FY17-18	

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/17/14	
PROJECT NAME:	City of Oldsmar, Florida Stormwater Master Plan	
PROJECT DESCRIPTION:	Develop Stormwater Master Plan to assess infrastructure including stormwater treatment to reduce receiving water impacts. The plan will evaluate current conditions and result in a set of recommended projects for improvements.	
GOALS ADDRESSED: V	Restore and Conserve Habitat ✓ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	City of Oldsmar	
PROJECT DURATION:	1 year	
COST:	\$250,000	
NOTES:	Project approved by SWFMD for funding match Project proposal submitted to FDEP (#227) 7/29/13	

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/17/14	
PROJECT NAME:	Tides Golf Course Purchase & Restoration	
PROJECT DESCRIPTION:	Purchase Tides GC and incorporate into Millenium Park, or keep as Golf Course owned by Pinellas County	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality √ Replenish and Protect Living Coastal and Marine Resources √ Enhance Community Resilience √ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County	
PROJECT DURATION:	?	
COST:	?	
NOTES:		



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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/24/14	
PROJECT NAME:	Create and Implement Recology Project	
PROJECT DESCRIPTION:	A Recology program, similar to California's program, serves to systematically separate recycled materials and exports them to outside parties that can reuse the raw materials. Recology means – using resources wisely, generating waste only as necessary, and finding ways to use waste products to benefit the environment. The goal is to create a world without waste with a zero waste concept. The program could offer advanced training and certifications for Recology Employees. California program: <a href="http://www.recology.com/">http://www.recology.com/</a>	
GOALS ADDRESSED: V	✓ Restore and Conserve Habitat ✓ Restore Water Quality ✓ Replenish and Protect Living Coastal and Marine Resources ✓ Enhance Community Resilience ✓ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	New Organization	
PROJECT DURATION:	?	
COST:	?	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	7/29/14	
PROJECT NAME:	Osprey Nest Rehabilitation & Repair	
PROJECT DESCRIPTION:	Rehabilitate and repair osprey nests in parks throughout Pinellas County	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	New Organization	
PROJECT DURATION:	Ongoing	
COST:	\$25,000 to begin	
NOTES:		

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SUBMITTED BY: CONTACT(S):	<u>                    </u>	
DATE RECEIVED:	7/31/14	
PROJECT NAME:	Create/Implement a "Save the Whirled" type Campaign	
PROJECT DESCRIPTION:	Create/Implement a disaster recovery program that creates a network of people that physically remove debris and pollution. <a href="http://www.ttcstormchasers.com/save_the_whirled">http://www.ttcstormchasers.com/save_the_whirled</a> <a href="http://www.ted.com/talks/paul_stamets_on_6_ways_mushrooms_can_save_the_world?language=en">http://www.ted.com/talks/paul_stamets_on_6_ways_mushrooms_can_save_the_world?language=en</a>	
GOALS ADDRESSED: ✓	Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources ✓ Enhance Community Resilience ✓ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	?	
PROJECT DURATION:	No end point, ongoing program to deal with storm debris and resulting pollution	
COST:	~\$10 million	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/5/14	
PROJECT NAME:	Build a beach bike and walking path.	
PROJECT DESCRIPTION:	Build a beach bike and walking path, no specifics were provided on which beach or beaches to target. Such an amenity would create new economic opportunities for bike and stroller rentals for resorts and other businesses.	
GOALS ADDRESSED: V	Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources ✓ Enhance Community Resilience ✓ Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Local government	
PROJECT DURATION:	?	
COST:	?	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/7/14	
PROJECT NAME:	Bald Cypress Plantings - County Waterways/Stormwater Ponds	
PROJECT DESCRIPTION:	Add more cypress trees along county lakes, ponds and stormwater structures.	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County	
PROJECT DURATION:		
COST:		
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/7/14	
PROJECT NAME:	Belcher Rd Stormwater Improvement/Invasive Plant Removal	
PROJECT DESCRIPTION:	Remove BP and lead tree on both sides of Belcher Rd south of Byran Dairy and north of 95 <sup>th</sup> Ave. Replant with natives, use long leaf pine & bald cypress in wet areas	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County	
PROJECT DURATION:		
COST:		
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/7/14	
PROJECT NAME:	Joe's Creek Environmental Improvements	
PROJECT DESCRIPTION:	Remove exotics, plant natives along bank, improve bank slope for fishing access, coordinate with SWFWMD	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County and SWFWMD	
PROJECT DURATION:		
COST:		
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/7/14	
PROJECT NAME:	Fund Tampa Bay Watch	
PROJECT DESCRIPTION:		
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality √ Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:		
PROJECT DURATION:		
COST:		
NOTES:		



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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/8/14	
PROJECT NAME:	Brazilian Pepper Removal at County Parks	
PROJECT DESCRIPTION:	Comprehensive plan to remove Brazilian Pepper from County Parks	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat Restore Water Quality √ Replenish and Protect Living Coastal and Marine Resources √ Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County	
PROJECT DURATION:	10 years	
COST:	\$300 - \$1000/acre depending upon treatment method	
NOTES:		

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	8/26/14	
PROJECT NAME:	Tides Golf Course Acquisition & Restoration	
PROJECT DESCRIPTION:	Purchase ~90 acre property, retrofit stormwater systems , restore habitat, create trails and boardwalks. Project could be phased starting with purchase for ~\$2.7-5.5 million	
GOALS ADDRESSED: √	√ Restore and Conserve Habitat √ Restore Water Quality √ Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County	
PROJECT DURATION:	5 years? (1 year to purchase, 2 years design/permitting, 2 years construction)	
COST:	\$8-\$12 million	
NOTES:	Golf course owned by Wells Fargo, operating by Arnold Palmer Golf Mgmt. (need to check). Wells Fargo wants Land Use change from Rec/Open Space.	

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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	9/30/14	
PROJECT NAME:	Lake Tarpon Restoration	
PROJECT DESCRIPTION:	Clean up polluted and dying lake from contamination (sewage, septic tank discharge, and storm water run-off)	
GOALS ADDRESSED: √	Restore and Conserve Habitat √ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County, SWFWMD, FDEP, NPDES or ERP permit programs	
PROJECT DURATION:	1-10 years	
COST:	?	
NOTES:		

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SUBMITTED BY: CONTACT(S):	<hr/> <hr/>	
DATE RECEIVED:	9/30/14	
PROJECT NAME:	ecoWeir Pilot Project	
PROJECT DESCRIPTION:	Construct and operate an ecoWeir custom designed system as a demonstration/pilot project to treat stormwater quantity and quality	
GOALS ADDRESSED: V	Restore and Conserve Habitat ✓ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	County, SWFWMD, FDEP, NPDES or ERP permit programs	
PROJECT DURATION:	1-2 years, includes 2 months for planning and installation	
COST:	\$10,000-\$50,000 for small residential site \$50,000 - \$500,000 for larger urban area	
NOTES:		

**PINELLAS COUNTY**  
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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	10/20/14	
PROJECT NAME:	Beach Nesting Birds Monitoring & Outreach	
PROJECT DESCRIPTION:	This project would involve the analysis, design, construction and monitoring of an innovative filtration system that removes nutrients from stormwater ponds. This technology can potentially improve surface water quality and enhance the visual appeal (e.g., reduce algae) of stormwater ponds in our communities. This project would be appropriate for any impaired stormwater pond.	
GOALS ADDRESSED: ✓	✓ Restore and Conserve Habitat Restore Water Quality ✓ Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	1) American Bird Conservancy, Eckerd College, Pinellas County, Florida Fish and Wildlife Conservation Commission, Florida Department of Environmental Protection/Division of Recreation and Parks, Florida Shorebird Alliance/assistance from various Audubon chapters	
PROJECT DURATION:	We propose running this programming for 5 years during the breeding season which runs from March through August, although the program can be run on a year-by-year basis as well.	
COST:	The 5 year cost is \$215,420.	
NOTES:		

**PINELLAS COUNTY**  
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<b>SUBMITTED BY: CONTACT(S):</b>	Clearwater Marine Aquarium, Inc.	
<b>DATE RECEIVED:</b>	10/21/14	
<b>PROJECT NAME:</b>	Sea Turtle Satellite Tracking	
<b>PROJECT DESCRIPTION:</b>	This project would support the monitoring rehabilitated sea turtles post release via satellite tracking. The satellite tracking of rehabilitated sea turtles will significantly contribute to our current conservation efforts. Since 1979, a total of 251 sea turtles were rehabilitated and released by CMA after receiving state-of-the-art critical and chronic care. Sea turtles around the world are listed as endangered and Florida is home to five species of sea turtles (i.e. loggerhead, green, Kemps Ridley, leatherback, and hawksbill). The proposed project will assist with data collection concerning their spatial ranges and if they show high fidelity to local feeding grounds along the coast. Furthermore, it will aid in evaluating the success of the release and thus rehabilitation efforts, as well as enhance our understanding on vital migratory routes, feeding, and winter congregation sites.	
<b>GOALS ADDRESSED: V</b>	Restore and Conserve Habitat Restore Water Quality ✓ Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience Build and Revitalize the Gulf Economy	
<b>ENTITY TO DO PROJECT:</b>	Clearwater Marine Aquarium would be the primary agency to carry out this project and follow up on the success of the monitoring of these endangered and threatened species.	
<b>PROJECT DURATION:</b>	This initial period would be five years	
<b>COST:</b>	\$562,484	
<b>NOTES:</b>		

**PINELLAS COUNTY  
RESTORE ACT DIRECT COMPONENT PROJECTS  
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SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	10/21/14	
PROJECT NAME:	Shell Key Preserve Northern Pass	
PROJECT DESCRIPTION:	Dredge North Pass to Shell Key Preserve which has and continues to fill in with sand. If north pass closes, problems could include: loss of flushing, decline in water quality, seagrass loss and negative impacts to associated living communities (sea trout, red fish, snook, mullet, shrimp, stone and blue crabs, birds), recreational use of the area, and deep water access to the Gulf from homeowners along Westshore Drive.	
GOALS ADDRESSED: v	v Restore and Conserve Habitat v Restore Water Quality v Replenish and Protect Living Coastal and Marine Resources Enhance Community Resilience v Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	Pinellas County, State of Florida, and/or U.S. Army Corps of Engineers	
PROJECT DURATION:	2 Design/Permitting, 6 months to construct	
COST:	\$500 - \$2 million	
NOTES:		

**PINELLAS COUNTY**  
**RESTORE ACT DIRECT COMPONENT PROJECTS**  
**IDEAS SUBMITTED TO PINELLAS COUNTY**

SUBMITTED BY: CONTACT(S):		
DATE RECEIVED:	10/25/14	
PROJECT NAME:	Nutrient Removal Filtration System	
PROJECT DESCRIPTION:	This project would involve the analysis, design, construction and monitoring of an innovative filtration system that removes nutrients from stormwater ponds. This technology can potentially improve surface water quality and enhance the visual appeal (e.g., reduce algae) of stormwater ponds in our communities. This project would be appropriate for any impaired stormwater pond.	
GOALS ADDRESSED: √	Restore and Conserve Habitat √ Restore Water Quality Replenish and Protect Living Coastal and Marine Resources √ Enhance Community Resilience Build and Revitalize the Gulf Economy	
ENTITY TO DO PROJECT:	new entity / university	
PROJECT DURATION:	~ 6 years	
COST:	~ \$600,000 to \$1,200,000	
NOTES:		