

Year 2007 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Alex Beach, Bob Graham Beach, Curtis Beach	Restoration / Rehabilitation	This project removed invasive vegetation and debris from the barrier island. The site will be monitored and any further invasion by the invasives will be retreated in order to allow recruitment of native vegetation	Barrier Island	49.00	0.00
Banana River Mangrove Planting Project	Restoration / Re-establishment	This project will plant 400 red mangroves along the east shoreline of the Banana River. The mangroves will be planted at two City of Cape Canaveral Parks and at the public works facility. All planting will be performed by volunteers.	Mangrove	0.30	0.00
Banana River Shoreline Exotic Vegetation Removal	Restoration / Rehabilitation	Brazilian Pepper trees were removed along the Banana River shoreline at three locations (Public Works Facility, Manatee Park and Banana River Park) prior to planting of mangroves.	Mangrove	0.00	0.00
Beachwalk, Pasley, Bob Graham Beach Addition	Restoration / Re-establishment	Invasive vegetation was removed and native plants such as cordgrass, sea grape, black, white and red mangroves planted to restore the native plant communities. The area will be monitored for any further invasion by invasives which will be removed.	Barrier Island	23.00	0.50
Beeline (SR 528) Planting Project	Restoration / Re-establishment	Invasive vegetation was removed and red mangroves and cordgrass planted along the shoreline of the Beeline (SR 528) Causeway in Merritt Island. The Beeline spans both the Indian River Lagoon and the Banana River Lagoon.	Mangrove	7.00	0.00
Blind Creek Park Exotic/Hurricane Debris Removal and Native Planting	Restoration / Re-establishment	The goal of this project is to protect and restore Blind Creek Park, the site of Native American artifacts, and ecologically sensitive native uplands and wetlands.	Barrier Island	27.60	0.00
C-21-D Impoundment Shoreline Restoration / Rehabilitation	Restoration / Re-establishment	This project will scrape down the dike within this saltmarsh impoundment. Implementation of this project will result in restoration of natural hydrological exchange between the Indian River Lagoon and impounded wetlands.	Tidal Wetland	10.60	0.00
C-21-D Impoundment Shoreline Restoration / Rehabilitation	Restoration / Rehabilitation	This project will scrape down the dike within this saltmarsh impoundment. Implementation will return the area to its natural hydrology creating an exchange of water between the impounded wetlands and the Indian River Lagoon.	Tidal Wetland	0.00	1.97
C-23/C24 North Reservoir	Establishment	The goal of this project is to provide for attenuation of flows to the St. Lucie estuary and Indian River Lagoon from the C-23/C24 watershed during high and low flow events. This project will improve the water quality of discharges to the St. Lucie Estuary and the Indian River Lagoon.	Agricultural Land	55.00	0.00
C-8 Impoundment Shoreline and Dragline Ditch Restoration / Rehabilitation	Restoration / Re-establishment	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Implementation of this project will restore the natural hydrological exchange to the area.	Tidal Wetland	9.40	0.00
C-8 Impoundment Shoreline and Dragline Ditch Restoration / Rehabilitation	Restoration / Rehabilitation	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Implementation of this project will restore the natural hydrological exchange between the impounded wetlands and the Indian River Lagoon.	Tidal Wetland	0.00	1.74
Chain of Lakes Park	Establishment	This project will add 18 acres to the current 300 acres within the Chain of Lakes Park. The additional parcel will be used for expansion of the existing stormwater / wetland retention areas.	Forested Wetland	18.00	0.00
Cocoa Beach's Thousand Islands Conservation Area	Protection / Maintenance	Cocoa Beach's Thousand Island Conservation Area represents the last piece in a large acquisition plan to acquire and protect all of the Thousands Islands. These lush mangrove, sandy islands and marshlands are home to many bird rookeries and fish nurseries.	Tidal Wetland	332.00	0.00
D-12-North Impoundment	Restoration /	This project will scrape down the dike within this saltmarsh	Tidal Wetland	13.30	0.00

Shoreline Restoration / Rehabilitation	Re-establishment	impoundment. Implementation of this project will allow for the restoration of the natural hydrological exchange between impounded wetlands and the Indian River Lagoon.			
D-12-North Impoundment Shoreline Restoration / Rehabilitation	Restoration / Rehabilitation	This project will scrape down the dike within this saltmarsh impoundment. Implementation of this project will restore the natural hydrology of the area allowing for exchange between the impounded wetlands and the Indian River Lagoon.	Tidal Wetland	0.00	2.47
East Central Florida Aquatic Preserve Island Enhancement Project	Restoration / Re-establishment	This project will remove invasive vegetation from the islands and replant with native cordgrass and red mangroves. This project will reduce erosion on the islands and create a natural habitat.	Tidal Wetland	22.20	0.00
East Central Florida Aquatic Preserve Island Enhancement Project	Restoration / Re-establishment	This project will remove invasive vegetation and replant the spoil islands with native species and mangroves. This will reduce erosion on the islands and enhance the habitat.	Tidal Wetland	11.00	0.00
Exotic Invasive Plant Removal from and Stabilization of Dredged Material Deposits Within Pelican Island National Wildlife Refuge	Restoration / Re-establishment	Removal of Australian Pine and Brazilian Pepper from eroding shorelines and restoration of a stable mangrove shoreline on Paul's Island, Nelson's Island and Preacher's Island, all within the Pelican Island National Wildlife Refuge.	Mangrove	4.80	0.00
Gomez Property Project	Restoration / Rehabilitation	Invasive vegetation was removed from the west shore of the Indian River Lagoon in Martin County allowing recruitment of native vegetation. This project is expected to result in natural erosion control without the use of armoring.	Mangrove	61.00	0.25
Hibiscus Park Stormwater Improvements	Restoration / Rehabilitation	This project will install water quality Best Management Practices in Hibiscus Park Slough. The project will reduce localized flooding and stabilize the banks of the slough resulting in a lower sediment load to the Indian River Lagoon.	Other	170.00	0.00
Indian Mound Station Sanctuary	Protection / Maintenance	The purpose of this project is to protect one of the last historical and coastal habitats available in Brevard County. The parcel has had minimal disturbance from surrounding land uses.	Forested Wetland	171.25	0.00
Indian River Lagoon South Restoration Project	Restoration / Rehabilitation	The goal of this project is to provide for attenuation of flows to the St Lucie Estuary and Indian River Lagoon. This project will reduce the number of high and low flow events from the watershed and improve the quality of discharges to the St Lucie Estuary and Indian River Lagoon.	Agricultural Land	55.00	0.00
Jetty Park Expansion	Protection / Maintenance	Jetty Park is an oceanfront park with frontage on the Atlantic Ocean and the Indian River Lagoon. This project will add a 1.34 acre parcel to the existing Park. The project land lies within the City of Fort Pierce in East Central Florida.	Barrier Island	1.34	0.00
Lagoon House Shoreline	Restoration / Re-establishment	This project will remove invasive vegetation and plant cordgrass and red mangroves along the Lagoon House shoreline adjacent to the Indian River Lagoon. The Lagoon House is the gateway to the Indian River Lagoon Scenic Highway.	Mangrove	10.00	0.00
Little Mud Creek at Blind Creek Park Wetland Restoration and Hurricane Recovery	Restoration / Re-establishment	The goal of this project is to protect and restore Blind Creek Park, the site of Native American artifacts, and ecologically sensitive native uplands and wetlands.	Barrier Island	18.00	0.00
Manatee Creek Basin Water Quality Retrofit Ph. 1	Restoration / Re-establishment	This project will enhance the water quality flowing through Manatee Creek by installing Best Management Practices such as slope stabilization mats and planting of native vegetation. These BMPs will result in a reduction of sediment loadings to the Indian River Lagoon.	Forested Wetland	10.00	0.00
Merritt Island National Wildlife Refuge	Restoration / Re-establishment	Invasive vegetation was removed and red mangroves planted along the shoreline at the Merritt Island National Refuge adjacent to the Indian River Lagoon.	Barrier Island	18.00	0.00
Moore's Creek Linear Park	Protection /	Moore's Creek flows into the Indian River Lagoon. The	Other	6.50	0.00

	Maintenance	purpose of this project is to return the Creek to its natural setting while provided a clean park setting to the residents living adjacent to the Creek. This area is one of the most economically depressed areas of the City of Fort Pierce.			
Moore's Creek Retrofit Phases 3 and 4	Enhancement	Moore's Creek flows into the Indian River Lagoon. The goal of this project is to improve water quality of those flows through and habitat restoration through land acquisition.	Riparian	0.65	0.00
Morgan's Impoundment Reconnection	Restoration / Rehabilitation	This project will reconnect this previously isolated impoundment to the estuary via culverts. This will result in restoration of the natural hydrological exchange between the impoundment and the Indian River Lagoon.	Tidal Wetland	67.00	0.00
Munich Property Purchase	Protection / Maintenance	Land acquisition of 8.5 acres in Mims in north Brevard County with Indian River Lagoon frontage. Bisected by the Florida East Coast railroad, this parcel will provide a buffer for the Indian River Lagoon from encroaching development.	Forested Wetland	8.50	0.00
Muscara Property Project	Restoration / Re-establishment	This project removed exotic vegetation and restored native plant communities and maintained restoration areas within the property located adjacent to the Indian River Lagoon.	Barrier Island	13.00	0.00
Nevins Fruit Company Purchase	Protection / Maintenance	Land acquisition of 43 acres in Mims in north Brevard County with Indian River Lagoon frontage. Bisected by the Florida East Coast railroad, this parcel will buffer the Indian River Lagoon from encroaching development.	Forested Wetland	43.00	0.00
Peck Lake Park	Restoration / Re-establishment	This project removed invasive vegetation and planted cordgrass, black, red and white mangroves in Peck Lake Park, a public park in Martin County. The site will be monitored for future re-invasion by invasives and re-treated as necessary.	Mangrove	67.00	0.00
Pelican Island National Wildlife Refuge	Restoration / Re-establishment	The goal of this project is to protect and restore Pelican Island, the site of the nation's first National Wildlife Refuge. Planting of native vegetation will reduce erosion on the island and create natural habitat.	Tidal Wetland	0.50	0.00
Pelican Island National Wildlife Refuge	Restoration / Rehabilitation	The goal of this project is to remove invasive vegetation from Pelican Island, the nation's first national wildlife refuge and allow natural recruitment of native vegetation.	Barrier Island	60.00	0.00
Pine Island Conservation Area Exotic removal	Restoration / Rehabilitation	Exotic plants, primarily Brazilian Pepper and melaleuca, were treated with herbicide in place. The area will be monitored and re-treated if necessary. Natural recruitment of native vegetation is expected to replace the invasives.	Forested Wetland	85.00	0.00
Pine Island Conservation Area Marsh Restoration	Restoration / Re-establishment	Final portion of 63 acre dredge spoil removal to restore historic saltmarsh elevations. Dredge spoil removed by heavy equipment and hauled off-site. Site regraded to correct elevation, allowing restoration of natural hydrology.	Tidal Wetland	43.00	0.00
Pineda Causeway	Restoration / Re-establishment	Invasive vegetation was removed and red mangroves and cordgrass planted along the shoreline of the Pineda Causeway which spans both the Indian River Lagoon and the Banana River Lagoon.	Mangrove	27.00	0.00
Port Malabar Units 38/40 Stormwater Improvements	Restoration / Re-establishment	The goal of this project is to provide for the attenuation of stormwater from this basin to Turkey Creek, a major tributary to the Indian River Lagoon. Four stormwater treatment areas will be excavated for the attenuation.	Field/Meadow	25.00	0.00
Salerno Creek Stormwater Quality Retrofit	Restoration / Rehabilitation	Restoration of Salerno Creek at its confluence with Manatee Pocket in Martin County by removing invasive vegetation. This will restore the natural hydrology of the area.	Riparian	3.44	0.00
Santa Lucea Project	Restoration / Re-establishment	This project removed invasive vegetation and restored native plant communities utilizing cordgrass and red mangroves. The project site will be monitored and invasives re-treated as necessary.	Barrier Island	5.00	0.25
Sebastian Inlet State Park	Restoration / Re-establishment	Invasive vegetation was removed and native red mangroves planted along the Indian River Lagoon shoreline at the Sebastian Inlet State Park. The project site will be	Tidal Wetland	40.00	0.00

		monitored and re-treated if necessary.			
Sebastian River Muck Removal	Restoration / Re-establishment	The Sebastian River Muck Dredging Project will remove two million cubic yards of muck from the river and is expected to take three years to complete. The project includes the engineering design, environmental studies and development of a muck disposal site.	Riparian	60.00	0.00
Spoil Island MC-2 in the Indian River Lagoon	Restoration / Re-establishment	Exotic vegetation was removed from the island and the island habitat was restored utilizing native plant communities such as cordgrass and red mangrove. The project site will be monitored for any future invasive vegetation recruitment.	Other	2.00	0.25
Vitolo Family Park Wetland Restoration Exotic/Hurricane Debris Removal and Native Planting	Restoration / Re-establishment	The goal of this project is to protect and restore Vitolo Family Park, the site of ecologically sensitive coastal wetlands. Hurricane debris and invasive vegetation will be removed and native vegetation such as cordgrass, seagrass and red mangroves planted.	Barrier Island	10.00	0.00
Vitolo Salt Marsh Restoration	Restoration / Re-establishment	Improve habitat and water circulation in the interior of the marsh by removing exotics, scraping down area, replanting and installing culverts for water circulation restoring the natural hydrology to the area.	Barrier Island	168.00	0.00
Volusia County Mosquito Lagoon Restoration Project	Restoration / Re-establishment	Volusia Soil and Water Conservation District will plant 200 nursery grown red mangroves at five sites along the east shoreline of Mosquito Lagoon within the boundaries of the Canaveral National Seashore.	Mangrove	0.23	0.00
Total				1,832.61	7.43