

Year 2006 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Blind Creek Park Exotic/Hurricane Debris Removal and Native Planting	Rehabilitation	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	66.00	0
Brevard County Chain of Lakes	Reestablishment	This project will construct three stormwater detention facilities to provide treatment to stormwater from an 1,153 acre watershed. The project will also construct wetlands immediately adjacent to the Indian River Lagoon and invasive vegetation will be removed from the site.	Agricultural Land	35.00	0
Brevard County Kennedy Point Marina Weir	Rehabilitation	The project will construct a weir in the Indian River Lagoon at the base of a stormwater conveyance system that serves a drainage basin of 320 acres. The Weir is designed to trap sediments, debris and nutrients from the drainage basin preventing discharge into the Indian River Lagoon.	Other	1.28	0
C-23/C-24 Reservoir/Stormwater Treatment Area Complex	Protection/Maintenance	The goal of this project is to provide for attenuation of flows to the St. Lucie Estuary and Indian River Lagoon to reduce the number of high and low flow events from the C-23/24 watershed and to improve water quality of discharges. This project consists of construction of 2 large scale reservoirs approximately 8,500 acres each and a 2,500 acre Stormwater Treatment Area.	Agricultural Land	120.00	0
C-2A Impoundment Reconnection	Reestablishment	This project will reconnect this previously isolated impoundment to the estuary via culverts. Reconnection through the use of the culverts will allow for the return of the historic hydrological exchange of this parcel and the Indian River Lagoon.	Tidal Wetland	36.00	0
C-44 Reservoir/Stormwater Treatment Area.	Protection/Maintenance	The goal of this project is to provide for attenuation of flows to the St. Lucie Estuary and Indian River Lagoon to reduce the number of high and low flow events from the C-44 watershed and to improve water quality of discharges. This project consists of construction of a 3,400 acre reservoir and 6,300 acre Stormwater Treatment Area and will significantly reduce the pollutant loadings presently discharged from the primarily agricultural C-44 watershed into the IRL while creating habitat for migratory and resident wading birds.	Agricultural Land	12,000.00	0
Cocoa Beach Maritime Hammock Preserve	Reestablishment	Eradication of Brazilian pepper and Australian Pines. After the invasives have been removed, native vegetation will be planted at the site along with educational kiosks noting the importance of maintaining Florida native landscapes.	Barrier Island	5.40	0
D-12-North Impoundment Shoreline Rehabilitation	Reestablishment	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Changing the elevation of this parcel will allow for the return of the historic hydrological exchange of this parcel and Mosquito Lagoon.	Tidal Wetland	2.42	0
D-12-North Impoundment Shoreline Rehabilitation	Reestablishment	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Changing the elevation of this parcel will allow for the return of the historic hydrological exchange of this parcel and Mosquito Lagoon.	Tidal Wetland	2.20	0
D-12-South Impoundment Shoreline and Dragline Ditch Rehabilitation	Reestablishment	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Changing the elevation of this parcel will allow for the return of the historic hydrological exchange of this parcel and Mosquito Lagoon.	Tidal Wetland	9.09	0
D-12-South Impoundment Shoreline and Dragline Ditch	Reestablishment	This project will scrape down the dike and spoil left by dragline ditching within this saltmarsh impoundment. Changing the elevation of this parcel will allow for the return of the historic hydrological exchange of this parcel and	Tidal Wetland	9.61	0

Rehabilitation		Mosquito Lagoon.			
Enchanted Forest Sanctuary Restoration	Establishment	Ongoing staff efforts include planting of native pine species, fence construction to keep visitors on Xeric Oak Scrub trails, removal of invasive grape vines followed by native species planting in Mesic Hammock ecosystem and creation of a butterfly garden in landscaped areas around the education center.	Forested Wetland	1.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Riverview Park in Brevard County on the Indian River Lagoon shoreline in a high energy environment where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Spoil Island BC48B in Brevard County in a high energy shoreline environment immediately adjacent to the Indian River Lagoon where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Maritime Hammock in Brevard County in a high energy shoreline environment adjacent to the Indian River Lagoon where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Impoundment 17 at Wildcat Cove in St Lucie County immediately adjacent to the Indian River Lagoon where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Walton Scrub #2 in St Lucie County in a high energy shoreline environment adjacent to the Indian River Lagoon where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Harbor Branch sites #6 and #7 in St Lucie County immediately adjacent to the Indian River Lagoon in a high energy shoreline environment where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Impoundment 14A at Wilcox Road in St Lucie County immediately adjacent to the Indian River Lagoon where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Seabranch site #2 in Martin County immediately adjacent to the Indian River Lagoon in a high energy shoreline environment where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Indian Riverside Park in Martin County immediately adjacent to the Indian River Lagoon in a high energy shoreline environment where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Pendarvis Park in Martin County immediately adjacent to the Indian River Lagoon in a high energy shoreline environment where natural recruitment is no longer occurring.	Other	0.00	0
Environmental Learning Center Shoreline Revegetation Program	Reestablishment	Plant red mangroves at Donald Ross Park in Palm Beach County adjacent to the Indian River Lagoon in a high energy shoreline environment where natural recruitment is no longer occurring.	Other	0.00	0

Indian River Blueway Project	Protection/Maintenance	This site is within the Indian River Lagoon Blueway Florida Forever project. The Indian River Blueway Project has identified specific parcels of land bordering the Indian River Lagoon for purchase and perpetual conservation by the State of Florida.	Other	11.00	0
Jupiter Island Invasive Removal	Rehabilitation	This project will removal invasive Brazilian peppers and Australian pines from 1.96 acres of public land on Jupiter Island utilizing citizen volunteers.	Barrier Island	1.96	0
Lagoon House Shoreline	Reestablishment	This project will plant red mangroves along the shoreline immediately adjacent to the Lagoon House. The Lagoon House is the gateway to the Indian River Lagoon Scenic Highway.	Other	0.00	0
Mandarin Slough Stabilization	Rehabilitation	This project is designed to reduce erosion and localized flooding in Mandarin Slough. Turf mats will be installed on the slopes and vegetation to stabilize the sides of the slough. The slough will also be graded to reduce flooding within the subdivision.	Other	1.20	0
Merritt Island National Wildlife Refuge Air Potato Control	Rehabilitation	The goal of this project is to control invasive, exotic plants which have become established in a majority of the habitats at the Merritt Island National Wildlife Refuge.	Barrier Island	13.00	0
Merritt Island National Wildlife Refuge Brazilian Pepper Control	Rehabilitation	The goal of this project is to control invasive, exotic plants which have become established in many of the habitats at the Merritt Island National Wildlife Refuge.	Barrier Island	1,157.00	0
Merritt Island National Wildlife Refuge Miscellaneous Exotic Plant Control	Rehabilitation	The goal of this project is to control invasive, exotic plants which have become established in many of the habitats on the Merritt Island National Wildlife Refuge.	Barrier Island	34.00	0
Merritt Island Sykes Creek Parkway	Reestablishment	Invasive vegetation was removed and red mangroves and cordgrass planted along the shoreline of Sykes Creek Parkway which is adjacent to Sykes Creek, a tributary of the Banana River.	Other	1.93	0
Outlaw Island in Turkey Creek	Protection/Maintenance	This project is an integral part of the Turkey Creek Blueway/Greenway Program funded by the City of Palm Bay to protect environmentally sensitive lands bordering Turkey Creek. This parcel will be included in the Turkey Creek Sanctuary.	Forested Wetland	10.00	0
Oyster Restoration in Mosquito Lagoon, Canaveral National Seashore	Reestablishment	1) Develop an optimal protocol for oyster restoration on reefs impacted by wakes associated with boating activities. 2) Implement large-scale restoration of intertidal oyster reefs in Canaveral National Seashore that have been impacted by boat wakes. 3) Develop and disseminate outreach on the importance of and restoration of oyster reefs with an instructional CD and complementary lesson plans.	Other	40.00	0
Pelican Island Restoration and Stabilization	Reestablishment	The goal of this project is to protect and restore Pelican Island, the site of the nation's first National Wildlife Refuge. Over the past 50 years erosion has reduced the extent of the island by 50 percent. This project will place 100 cubic yards of fill landward of an existing wave break and plant cordgrass and mangroves after the fill has been leveled to wetland elevations	Tidal Wetland	0.44	0
Pine Island Conservation Area	Reestablishment	Removal of dredge spoil deposition to restore marsh habitat. The spoil was graded to wetland elevation to restore the historic hydrology of the project site.	Barrier Island	48.00	0
Pine Island Conservation Area	Rehabilitation	This project will remove Brazillian pepper from Pine Island. The pepper trees had proliferated beyond control on the site and had replaced native vegetation.	Barrier Island	25.00	0
Pine Island Conservation Area Addition	Protection/Maintenance	Acquisition of this parcel adds to the size of the Pine Island Conservation Area, a restoration project jointly conducted by the St Johns River Water Management District and Brevard	Barrier Island	7.56	0

		County.			
Pineda Causeway Invasive Removal and Re-planting	Reestablishment	Invasive vegetation was removed and red mangroves and cordgrass planted along the shoreline on the Pineda Causeway which spans both the Indian River Lagoon and the Banana River.	Other	3.59	0
Restoration of Blowing Rocks Preserve, Jupiter Island, Martin County	Reestablishment	Created tidal ponds and creeks as part of a greater restoration of the 73 acre Blowing Rocks coastal preserve. This project will restore the historic hydrology of the site.	Barrier Island	2.00	0
Restoration of Blowing Rocks Preserve, Jupiter Island, Martin County	Reestablishment	Plant red mangroves in a high energy shoreline where natural recruitment is no longer occurring. This area of the Indian River Lagoon is extremely narrow.	Barrier Island	0.30	0
Sand Scrub Conservation Easement	Protection/Maintenance	The goal of this project is to purchase a permanent conservation easement over 260 acres in western St. Lucie County. The property is within the foot print of the Natural Area component outlined in the Comprehensive Everglades Restoration Plan for the Indian River Lagoon South Restoration project.	Forested Wetland	260.00	0
Snag Harbor	Protection/Maintenance	This goal of this project is to purchase the isolated impoundments on the site and reconnect this previously isolated impoundment to the Indian River Lagoon via culverts.	Barrier Island	14.63	0
South Region Exotic Control in the Malabar Scrub Sanctuary.	Rehabilitation	The Brevard County Environmentally Endangered Lands Program treated 575 acres of exotics on 4500 acres on public conservation lands. The project will help to improve natural function of these ecosystems	Forested Wetland	575.00	0
St Sebastian River Greenway	Rehabilitation	Invasive vegetation was removed by Marine Resources Council citizen volunteers along the shoreline of the St Sebastian River, a major tributary of the Indian River Lagoon.	Other	5.62	0
Taylor Creek Streambank Erosion Project	Protection/Maintenance	The canal banks were stabilized to reduce sediments discharged into the Indian River Lagoon. The canal banks have eroded over time to the point of being 20 feet wider than the original canal width resulting in 12,000 tons of sediment discharged to the Indian River Lagoon killing submerged aquatic vegetation.	SAV	2.75	0
Vero Beach Oslo Road	Reestablishment	This project will plant red mangroves and cordgrass along the shoreline of Indian River Lagoon at the Oslo Riverfront Conservation Area where natural recruitment of vegetation is no longer occurring.	Other	0.83	0
Vitolo Family Park Wetland Restoration; Exotic/Hurricane Debris Removal and Native Planting	Reestablishment	The objective of this project is to restore Vitolo Family Park, the site of ecologically significant wetlands. The project site will be cleared of invasives and hurricane debris and planted with native vegetation.	Barrier Island	2.60	0
Total				14,506.41	0