

Year 2007 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Babcock / Webb WMA Exotics Control	Restoration / Rehabilitation	Exotics (melaleuca, Australian pine and Brazilian pepper) treatment and removal by prescribed burn and herbicide application to re-establish habitat for foraging.	Forest / Woodland	1,150.00	0.00
Bonita Beach Sea Oat Restoration	Restoration / Rehabilitation	Planting of sea oats to restore and preserve coastal sand dunes, prevent erosion and stabilize dunes. Provide nesting and foraging habitat for shorebirds.	Barrier Island	1.00	0.00
Caloosahatchee Creeks	Restoration / Rehabilitation	This project is comprised of a series of restoration tasks in creeks feeding into the Caloosahatchee River including: Popash Creek, Spanish Creek, Powell Creek and Billy's Creek. Restoration includes exotics removal, wetland enhancement and ditch plugging. The goal of the project is to assist in meeting the TMDLs for the Caloosahatchee River.	Riparian	5.00	3.00
Canopy Restoration, Punta Gorda	Enhancement	Punta Gorda lost over 40% of its ground cover and trees in 2004's Hurricane Charley. Through a state grant funds were made available to plant 903 native trees: cabbage palms, gumbo limbo, saw palmettos, mahogany, buttonwoods and sea grapes.	Other	0.00	2.00
Cayo Pelau Island	Protection / Maintenance	Cayo Pelau is a mangrove island in Charlotte Harbor that provides foraging nesting habitat for a variety of listed wading birds. The island was purchased for preservation through the Lee County Conservation 2020 program. The island also contains extensive archaeological deposits.	Mangrove	126.00	0.00
Charlotte Harbor Preserve State Park - exotics control	Restoration / Rehabilitation	Hand removal and mechanical removal of invasive exotic plants (Brazilian pepper, melaleuca), prescribed burn and application of herbicide to treat melaleuca and Brazilian pepper.	Forested Wetland	500.00	0.00
Corkscrew Ecosystem Watershed Project	Protection / Maintenance	This 60,000 acre watershed straddles Lee and Collier Counties and provides aquifer recharge, natural flood protection, water purification, preservation of wildlife habitat and public recreation. Since 1990, nearly 27,000 acres have been acquired and placed in preservation. Throughout FY2007 the South Florida Water Management District has continued to purchase privately owned lands within the boundary of the CREW project.	Forested Wetland	237.50	0.00
Dune Walkover Replacement	Protection / Maintenance	This is another phase of the dune restoration project on Sanibel. A Boardwalk is being built to keep visitors off the dunes to facilitate preservation of the dune habitat and encourage restoration of native flora and fauna.	Barrier Island	0.00	0.00
Filter Marsh and BMP Maintenance	Restoration / Rehabilitation	Removal of invasive exotic plants from creeks flowing into Estero Bay and Charlotte Harbor, maintenance of newly established freshwater marsh to enhance water quality and restore habitat.	Riparian	20.00	2.00
Fitcher Creek Restoration	Restoration / Rehabilitation	Removal of invasive exotic plants, re-establishment of natural hydrology in North Fort Myers through culvert placement and assistance in meeting TMDLs in Caloosahatchee.	Riparian	1.00	0.50
Flint Pen Strand Restoration	Enhancement	Provide improved water quality and water storage by using agricultural field as an impoundment. This will benefit the downstream water bodies including the Imperial River and Estero Bay Aquatic Preserve. Exotic plant removal and hydrologic improvements are components of the project.	Agricultural Land	160.00	0.00
Galloway Parcel	Protection / Maintenance	Parcel is within the Lee County Density Reduction, Groundwater Recharge area. Parcel will preserve wildlife habitat and preserve aquifer recharge area critical to southwest Florida. 266.76 acres of uplands and 137.62 wetlands.	Forest / Woodland	404.38	0.00
Galt Preserve Expansion	Protection / Maintenance	Expansion of the Galt Preserve on Pine Island. Land is a platted 56-single family home parcel, which includes the south end of Indian Lake, the largest lake on Pine Island.	Forest / Woodland	105.22	0.00
Iguana Eradication - Boca Grande	Enhancement	Eradication of invasive, exotic Mexican iguanas. The iguana population has grown to an estimated 20,000 which are negatively impacting native birds and small mammals.	Barrier Island	0.00	6.50
Imperial Marsh / Flint Pen	Protection / Maintenance	The project is at the headwaters of the Imperial and Cocohatchee Rivers and provides habitat for panther, black bear and foraging area for wading	Forested Wetland	400.00	0.00

Strand Preserve Area		birds. The preserved marsh will assist in polishing water prior to flowing into the rivers, enhancing water quality.			
Legacy Trail	Protection / Maintenance	Acquisition of abandoned railroad line, designing and building of rails to trails path, re-establishing and integrating natural environment, establishing a linear conservation corridor on the urban fringe of Sarasota County. The corridor extends an additional 7 miles outside of the CHNEP study area.	Field/Meadow	0.00	5.00
Lemon Bay Preserve Expansion	Protection / Maintenance	The \$2.4 million purchase will expand the existing protected land in the Lemon Bay Preserve protection priority site and create a continuous block of 39.23 protected acres.	Field / Meadow	9.13	0.00
Old Miakka Protection Priority Site	Protection / Maintenance	129-acre parcel within the 1374-acre Old Miakka protection site. The property was purchased through Sarasota County Environmentally Sensitive Lands Program and will be protected to provide habitat for scrub jays, gopher tortoises, eastern indigo snakes, wading birds, raptors and Sherman fox squirrels	Forest / Woodland	129.00	0.00
Powell Creek Algal Turf Scrubber System	Restoration / Rehabilitation	This is a pilot project to utilize an algal scrubber to remove blue-green algae from Powell Creek, which drains into the Caloosahatchee River. In the summer of 2006 the Caloosahatchee was inundated with blue-green algae.	Riparian	0.00	0.50
Sleeping Turtles Preserve	Protection / Maintenance	Acquisition of land for preservation and recreation. Property includes conservation corridor along the Myakka River and provides additional buffer to the Myakka River.	Forest / Woodland	211.00	0.00
Trailhead Vista Restoration	Restoration / Rehabilitation	Acreage nearly 100% infested with Australian pines and Brazilian pepper adjacent to mangrove fringe. Project entails the removal of all exotics, retention of native trees (cabbage palm) to allow native species to re-establish and provide habitat for wading birds, eagles and osprey.	Forest / Woodland	10.00	0.50
Total				3,469.23	20.00