

2018-001	Allied Group	Testing nanobubble technology in canals and small tributaries located in the Satellite Beach area.
2018-001	Aquafiber and Watermark Engineering	Combining nutrient removal technology and hydraulic dredging to create a self-contained, real-time, restoration system that can fit onto a floating barge and avoid use of land for dredge deposits.
2018-001	Brevard County Natl. Resources	Pilot project for continuous monitoring and adaptive control technology on existing stormwater pond to deliver improved water quality and flood mitigation by controlling timing and rate of stormwater flows.
2018-001	Brevard Zoo	Restoration of 1/6 mile (800 linear feet) of shoreline in Brevard County on EEL conservation lands
2018-001	City of Fellsmere	Construction of a stormwater management system for South Pine Street between Massachusetts Ave and 89th Street, an approximately 6-acre basin. System will store and treat stormwater via swales, piping, retention and overflow structures prior to discharge to the conveyance system.
2018-001	City of Port St. Lucie Utilities	Area 2 McCarty Ranch Extension Water Storage and Treatment Project will divert stormwater flow from the C-23 Canal into a 239-acre site that will store stormwater in a shallow (4 feet) retention basin that can store 912 acre-feet of water. When complete the entire project will prevent as much as 27,240 acre-feet from being released through the C-23 annually.
2018-001	City of Satellite Beach	DeSoto Park Swale Restoration Project will provide water quality improvements by recreating a swale that once existed at the southern end of Desoto Park, along the border between Satellite Beach and Indian Harbour Beach.
2018-001	City of Satellite Beach	Cassia Bioswale Project will construct a bioswale system along Cassia Blvd. There is an existing swale at the site for stormwater drainage. The addition of native plantings alongside the swale will reduce runoff, improve the quality of water released to the IRL and, beautify the roadway.
2018-001	City of Satellite Beach	Canal Enhancement Program will be a continuation of an existing incentive program offered to canal front residents. 300 homes will be surveyed for interest in the program, with 20 homes selected for participation. The city will remove sod in backyards adjacent to seawalls and replace it with swales and plantings of mangrove and other shoreline plants.
2018-001	City of Stuart	Dolphin Basin Septic to Central Wastewater System Conversion will construct 7,650 linear feet of small diameter pipe and upgrades to an existing sewage lift station and provide wastewater collection services to an additional 135 residential units.
2018-001	City of Stuart	Channel Basin Septic to Sewer Conversion Project will provide sewer service to 18 single family homes and several small businesses adjacent to Frazier Creek, which discharges directly to the St. Lucie River and IRL. Approximately 2,400 linear feet of pipe, lift station upgrades and 18 grinder lift stations will be installed.

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2018-001	City of Vero Beach	Young Park Stormwater Quality Improvements Project will remove turf grasses adjacent to the seawall that surrounds 3 sides of the 5-acre park and replace them with native plantings and hardscaping features that provide improved water quality.
2018-001	City of Vero Beach	Bethel Creek Water Quality Improvement and Living Shoreline, Phase I Project will install aeration to address adverse effects from a 3.1 million gallon spill of raw wastewater into Bethel Creek following Hurricane Irma, muck monitoring, inspections and water testing. Phase II of the project will establish and monitor a living shoreline.
2018-001	Coastal Resources Group	Restoration and stabilization of Pelican Island in Indian River County, Phase V. Project will renourish lower portions of the slumped 930-foot fossil shell breakwater (~200 linear feet) to original or somewhat higher elevation.
2018-001	FAU/Harbor Branch	East Coast Oyster Hatchery for Restoration of Water quality and Habitats in the IRL
2018-001	FAU-Harbor Branch	Pilot-Scale Demonstration project of Seagrass Restoration in the IRL using Nursery-Grown Halodule wrightii. Project will supply H. wrightii cultivars from a closed, land-based system to a pilot-scale test to determine if cultured Halodule is viable when placed into 3 field locations.
2018-001	Indian River County Coastal Engineering Division	Round Island Demonstration Oyster Reef Project will construct a living shoreline and oyster reef adjacent to a public boardwalk at Round Island Park. Innovative signage, project presentations and school interactions will assist in engaging the public and education about living shorelines and oyster reefs.
2018-001	Indian River County Conservation Lands Program	Construction of a wetland restoration and enhancement project at Jones Pier Conservation Area. Will restore or create a mix of open water and herbaceous wetlands on a 3-acre site currently dominated by invasive plants. Included in the project are stormwater treatment, creation of high marsh habitat, exotic invasive removal, and revegetation using native plants.
2018-001	Indian River County Stormwater Division	North Relief Canal Managed Aquatic Plant System will harvest water lettuce and remove suspended solids, followed by algal treatment to remove additional nutrients and reoxygenate water prior to release. A created wetland may be included in the project to provide additional polishing.
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2018-001	Indian River county Utilities	West Wabasso Phase II Septic to Sewer Conversion Project is 100% designed and partially permitted. This project will construct a new 8-inch gravity sewer collection system for approximately 57 existing septic tanks and sewer stub-out for an additional 44 vacant parcels in a mixed use, primarily residential basin.

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2018-001	Indian River Lagoon Aquatic Preserves	Spoil Island IR 38 and IR 43 Habitat Improvement Project
2018-001	Indian River Lagoon Aquatic Preserves	IRL Shoreline restoration
2018-001	Marine Discovery Center	Shuck and Share Oyster Recycling Program will bring the local Suck and Share Program to new audiences and continue recycling oyster shell from 10 participating restaurants. This will allow the program to continue supplying oyster shell to partners performing oyster restoration in the IRL.
2018-001	Marine Resources Council	Assessing Oyster Spatfall in the IRL project will engage citizen monitors to construct PVC T-frames that can be suspended under docks to monitor spat settlement. Volunteers will monitor settlement for 7 months. Results will be analyzed and mapped.
2018-001	Martin County Engineering Dept./	Willoughby Creek Stormwater Quality Improvement Project will construct an 8.24-acre Stormwater Treatment Area (STA) that combines deep wet detention lakes with shallow STAs configured in a treatment train with 2 control structures. Project will capture and treat the first 1-inch of runoff from a 385-acre basin consisting primarily of commercial and industrial properties along US Highway 1.
2018-001	ORCA	Living Lagoon Project will restore 10 permitted sites and engage schools in a shoreline restoration nursery program. Restoration sites are primarily erosional, low lying or in the vicinity of culvert releases. Living shorelines may incorporate a combination of coquina, oyster, and shoreline plants.
2018-001	Save the Manatee Club	Rose Bay - Next Generation Restoration: Creating a Model for Community-Wide, Long-term, Estuarine Restoration and Management. Project will guide and empower residents of Harbor Oaks community to establish a community-wide watershed and living shoreline program. Project will enhance living shorelines along 1.6 miles of shoreline across 52 private parcels, remove storm-related debris, control exotic vegetation, and adopt a community-wide stormwater management monitoring.
2018-001	Sea and Shoreline	Restoration of Seagrass Habitat project will restore 2 acres of seagrass habitat
2018-001	St. Lucie County	Stormwater Master Plan Project will develop a stormwater master plan for the Port of Ft. Pierce, a redevelopment priority for the City and the County. Stormwater at the Port currently directly discharges to the IRL. Implementation of a stormwater plan will provide direction for water quality improvement on existing and to-be-developed parcels.

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2018-001	St. Lucie County	Harmony Heights Drainage Improvement Project, Phase I North Project will construct dry detention and swales on a 27-acre site located in the Harmony Heights subdivision, a 228-acre basin. Currently stormwater directly discharges to adjacent canals and the IRL. The project will reduce nutrients and other pollutants from entering the IRL, eliminate nuisance ponding during rain events, and reduce potential septic impacts in the basin.
2018-001	St. Lucie County	Wesley's Island Planting Project, Phase II Project will focus on restoration of tree canopy within the project site. Large native trees will be barged to the island, offloaded and planted on the island. Target species are cabbage palms, gumbo limbo, and sand live oak.
2018-001	St. Lucie County	Phase I Oyster Reef Establishment Along South Indian River Drive Project will establish oyster reefs along privately owned, single family parcels adjacent to Indian River drive. This phase will design and permit the project and construct reefs on 9 properties to demonstrate the effectiveness of the project. Ultimately, the county is interested in establishing oyster reef along the entire 14-mile stretch of Indian River Drive.
2018-001	Stetson University	Restoration of Dragline Ditches in Mosquito Lagoon Project will investigate existing propagules and the seed banks of the seagrass <i>Ruppia maritima</i> in and around dragline ditches in Mosquito Lagoon. <i>Ruppia</i> seeds will be pretreated and stratified in a laboratory prior to transplant to areas currently devoid of seagrasses. Transplants will be monitored for changes in growth and elevation, and a determination will be made regarding coverage extent, the age of seagrass beds and the history and frequency of colonization, loss and renewal.
2018-001	U.S. Fish and Wildlife Service - MINWR	NMINWR Hurricane Repair Project will evaluate logistical considerations of repairing levees on the 80,000 acres of the refuge that are in disrepair due to hurricanes, intensive vehicle use and age. Three field techniques will be compared and field tested on 500-foot plots to determine the most practical methods for making repairs.
2018-001	University of Central Florida	Tomoka State Park Living Shoreline Stabilization Project will restore approximately 1,000 meters of shoreline and intertidal habitat using oyster reefs and mangrove plantings.