

Save Our Indian River Lagoon Funding Application Short Form:
Unincorporated Countywide Vegetation Harvesting 3

Project Details

Entity: Brevard County Stormwater Management

Project Type: Aquatic Vegetation Harvesting

Sub Lagoon: All

Location:

Project Description: Brevard County seeks to further expand its aquatic vegetation harvesting program through the acquisition of a large capacity (20 cubic yards) amphibious aquatic weed harvester, plus a dedicated truck and trailer suitable for transport, at an estimated total cost of \$575,000. This request will allow the initial removal of 3,000,000 pounds of excess vegetation from stormwater management sites throughout Brevard situated within the Indian River Lagoon watershed.

Education and Outreach:

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 4,524

Total Phosphorus Reduction (lbs/year): 647

Costs

Total Project Cost: \$575,000

Estimated Cost per Pound Total Nitrogen Removed: \$127

Estimated Cost per Pound Total Phosphorus Removed: \$889

Eligible Tax Funding Cost Share: \$515,736

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$60,000

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits:

Notes: Removal of 3,000,000 pounds of aquatic vegetation over 2 years.

Save Our Indian River Lagoon Funding Application Short Form: **Coconut Point Shoreline Stabilization and Living Shoreline Enhancement**

Project Details

Entity: Hubbs SeaWorld Research Institute

Project Type: Planted Shoreline

Sub Lagoon: Central Indian River Lagoon

Location: 28.010594, -80.536315; 4020 S. Hwy A1A, Melbourne Beach, FL 32951

Project Description: The Coconut Point shoreline restoration project is an urgent, multi-phase effort to mitigate ongoing shoreline erosion and enhance impaired shoreline habitat along the Indian River Lagoon (IRL). Phase 1 focuses on removing a 250 foot seawall and restoring up to 500 feet of historic seagrass, shellfish, and shoreline habitat on adjoining properties managed by Hubbs-SeaWorld Research Institute (HSWRI) and the Brevard County Environmentally Endangered Lands (EEL) program. This site represents critical conservation assets that are increasingly threatened by erosion and flooding. Funding has been secured to conduct the design and engineering work; however, recent cost increases have created a \$44,000 budget shortfall. Additional support is needed to maintain the original scope of work, which includes surveys, planning, and modeling to support installation of offshore wave attenuation to maximize seagrass and living shoreline restoration potential. Support for the unanticipated additional design and engineering expenses is the focus of this request.

SOIRL support, taken together with secured support from both HSWRI and the IRL National Estuary Program (IRLNEP), will deliver a shovel-ready restoration design that when implemented will stabilize rapidly eroding shoreline and maximize the success of 500 feet of restored seagrass and shoreline habitat to help improve recovery and resilience of the IRL ecosystem.

Education and Outreach: We will pair technical deliverables with targeted public outreach through events and partner social media channels to explain links between shoreline restoration, water quality, and fish and wildlife conservation. In the last year, HSWRI outreach engaged more than 5,200 residents and students across 59 events, capacity we will leverage to promote findings from this project. We will also provide technical briefings to restoration practitioners and decision makers in the IRL through established partnerships with the IRLNEP STEM Committee and FWC's North and Central Florida Estuary Restoration Teams.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 34

Total Phosphorus Reduction (lbs/year): 12

Costs

Total Project Cost: \$122,168 (Design only)

Estimated Cost per Pound Total Nitrogen Removed: \$3,593

Estimated Cost per Pound Total Phosphorus Removed: \$10,180

Eligible Tax Funding Cost Share: \$8,806

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$71,962

Dollar Amount Secured Grant(s): \$41,400 IRLNEP

Additional Information

Other Indian River Lagoon Benefits: In addition to providing new and restored habitat, the project will provide protection for HSWRI's Coconut Point Marine Mammal Lab and an adjacent portion of the Brevard County Coconut Point Sanctuary that are undergoing significant shoreline erosion. The anticipated long-term project outcome is significant improvement to the ecological conditions of the restoration site, with establishment of a resilient, self-sustaining shoreline ecosystem. This would include natural expansion of critical habitats, particularly seagrass beds, to foster biodiversity and enhance the overall health of the IRL.

Notes: 500 linear feet of shoreline.

Save Our Indian River Lagoon Funding Application Short Form: **The Cove at South Beaches**

Project Details

Entity: The Cove at South Beaches

Project Type: Wastewater Treatment Facility Upgrade for Reclaimed Water

Sub Lagoon: Central

Location: 28.005386, -80.528294

Project Description: Proposed system to upgrade wastewater plant that serves 40 homes.

Education and Outreach: Discussed project with Crotty Services and had engineer do report detailing elements of system to update the package plant.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 23

Total Phosphorus Reduction (lbs/year): To be determined

Costs

Total Project Cost: \$500,000

Estimated Cost per Pound Total Nitrogen Removed: \$21,739

Estimated Cost per Pound Total Phosphorus Removed: To be determined

Eligible Tax Funding Cost Share: \$9,913

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$490,087

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits: Present system is open in-ground and above ground. Thus it is susceptible to possible flooding into surrounding area and also is smelly at times, which pollutes the air.

Notes: Upgrading package plant.

*Package plant connection to sewer was previously approved with \$1,139,710 in secured state grant and \$130,154 in SOIRL funds; Home owners association withdrew because costs to connect exceeded budget.

Save Our Indian River Lagoon Funding Application Short Form: **The Zip Project: An Oyster Restoration Project**

Project Details

Entity: The Zip Project

Project Type: Oyster Bar

Sub Lagoon: Central Indian River Lagoon

Location: Latitude: 27.96486, -80.51393

Project Description: The Zip Project is an oyster reef restoration initiative in Washburn Cove on Lease 1071, a 34.42-acre submerged water column property owned by the Stewart Family. This 370 lease, one of the few remaining in Florida, allows use of the entire water column for restoration rather than limiting activities to the surface or bottom. The project deploys a patented modular reef design combining vertical and horizontal structures to maximize oyster settlement, habitat complexity, and shoreline protection. The reefs will improve water quality by filtering excess nitrogen and phosphorus, provide essential habitat for fish, crabs, and other aquatic species, and buffer wave energy to reduce erosion. In addition, the project incorporates community engagement and education through volunteer events, on-site demonstrations, and outreach materials, while ongoing monitoring of water quality and reef health will support research and inform future restoration efforts in Washburn Cove and the Central Indian River Lagoon.

Education and Outreach: The Zip Project aims to actively engage the community in oyster reef restoration and lagoon stewardship. We plan to incorporate hands-on volunteer restoration events, on-site demonstrations, and educational materials to teach participants about oyster ecology, water filtration, habitat creation, and shoreline protection. We are open to additional ideas and partnerships to expand outreach opportunities, including school programs, local organization collaborations, and public learning experiences. Through these efforts, we hope to foster community involvement, raise awareness about the importance of oyster reefs, and inspire ongoing stewardship of Washburn Cove and the Central Indian River Lagoon.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 20

Total Phosphorus Reduction (lbs/year): 1

Costs

Total Project Cost: \$5,500

Estimated Cost per Pound Total Nitrogen Removed: \$275

Estimated Cost per Pound Total Phosphorus Removed: \$5,500

Eligible Tax Funding Cost Share: \$5,500

Project Funding

Is Local Match in Adopted Budget: Yes

Dollar Amount of Local Cost Share: \$1,500

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits: The Zip Project provides multiple ecological benefits beyond oyster habitat restoration and water filtration. By increasing oyster populations, the reefs help reduce biochemical oxygen demand (BOD) in the water, improving dissolved oxygen levels for fish and other aquatic species. The project also reduces the risk of nutrient-driven harmful algal blooms and bacterial overflows by filtering excess nitrogen and phosphorus from the water column. Additionally, the restored reefs stabilize sediments, enhance water clarity, and support overall lagoon resilience, contributing to healthier ecosystems and improved conditions for recreational and commercial uses throughout Washburn Cove and the Central Indian River Lagoon.

Notes: 500 square feet of oyster bar

Save Our Indian River Lagoon Funding Application Short Form: **Brevard**
Zoo North IRL Oyster Project 5

Project Details

Entity: Brevard Zoo

Project Type: Oyster Bar

Sub Lagoon: North Indian River Lagoon

Location: Proposed sites, substitutions will be selected as needed: 28.094052, -80.609551;
28.208028, -80.662288; 28.155068, -80.638820

Project Description: Brevard Zoo intends to construct 65,000 square feet of oyster projects in the North Basin of the IRL. The designs will be site specific and will be approved by the County before construction begins. We will consult with the County to determine whether or not live oysters need to be added to each specific location.

Education and Outreach: Brevard Zoo regularly engages the community in restoration efforts and education. We attend community events, hold presentations in schools, host volunteer opportunities and bring people into the Zoo to learn about the state of the lagoon and current conservation efforts, including oyster projects. We are not asking for any additional funding to continue this effort.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 2,600

Total Phosphorus Reduction (lbs/year): 65

Costs

Total Project Cost: \$1,235,000

Estimated Cost per Pound Total Nitrogen Removed: \$475

Estimated Cost per Pound Total Phosphorus Removed: \$19,000

Eligible Tax Funding Cost Share: \$1,235,000

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: 0

Dollar Amount Secured Grant(s): n/a

Additional Information

Other Indian River Lagoon Benefits: Oyster reef installations not only reduce nutrients, but they also support hundreds of species in the Indian River Lagoon.

Notes: 65,000 square feet of oyster bar

Save Our Indian River Lagoon Funding Application Short Form: **South St & US1 Baffle Box**

Project Details

Entity: City of Titusville

Project Type: Stormwater

Sub Lagoon: North Indian River Lagoon

Location: 28.608028; -80.807230; South St & US1, Titusville, FL 32780

Project Description: Installation of a third generation baffle box with nutrient reducing filtration media within the right of way of South St in Titusville. This baffle box will treat 202 acres of highly developed land prior to discharging into the Indian River Lagoon. This project will remove 698.2 lb/yr of total nitrogen and 92.53 lb/yr of total phosphorus.

Education and Outreach: Signage will be placed near the site during construction that lists Save Our Indian River Lagoon as a funding partner and includes information about the project.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 698

Total Phosphorus Reduction (lbs/year): 92

Costs

Total Project Cost: \$485,000

Estimated Cost per Pound Total Nitrogen Removed: \$695

Estimated Cost per Pound Total Phosphorus Removed: \$5,272

Eligible Tax Funding Cost Share: \$400,652

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$84,348

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits:

Notes: Baffle box with media treating 202 acres.

Save Our Indian River Lagoon Funding Application Short Form: **535 Knox McRae**

Baffle Box

Project Details

Entity: City of Titusville

Project Type: Stormwater

Sub Lagoon: North Indian River Lagoon

Location: 28.564450, -80.807443; 535 Knox McRae Dr, Titusville, FL 32780

Project Description: Installation of a 3rd generation baffle box with nutrient reducing filtration media on City owned property located at 535 Knox McRae Dr. This baffle box will treat 168 acres of highly developed land prior to the stormwater discharging into the Indian River lagoon. This project will remove 572.39 lb/yr of total nitrogen and 75.12 lb/yr of total phosphorus.

Education and Outreach: A sign will be placed at the project during construction that lists SOIRL as a funding partner along with information about the project.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 572

Total Phosphorus Reduction (lbs/year): 75

Costs

Total Project Cost: \$435,000

Estimated Cost per Pound Total Nitrogen Removed: \$760

Estimated Cost per Pound Total Phosphorus Removed: \$5,800

Eligible Tax Funding Cost Share: \$328,328

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$106,328

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits:

Notes: Baffle box with media treating 168 acres.

Save Our Indian River Lagoon Funding Application Short Form: **Basin 212**
East Main Street

Project Details

Entity: Brevard County Natural Resources

Project Type: Stormwater

Sub Lagoon: North Indian River Lagoon

Location: 28.666597, -80.827801

Project Description: Install a denitrification treatment system by diverting an existing ditch flow into a new treatment swale with the side banks and bottom containing Bold & Gold biosorption activated media.

Education and Outreach:

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 656

Total Phosphorus Reduction (lbs/year): 115

Costs

Total Project Cost: \$574,263

Estimated Cost per Pound Total Nitrogen Removed: \$875

Estimated Cost per Pound Total Phosphorus Removed: \$4,994

Eligible Tax Funding Cost Share: \$376,544

Project Funding

Is Local Match in Adopted Budget: Yes

Dollar Amount of Local Cost Share: \$197,719

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits:

Notes: Denitrification treatment system treating 140 acres.

Save Our Indian River Lagoon Funding Application Short Form: **Basin** **1124 Elliot Drive**

Project Details

Entity: Brevard County Natural Resources

Project Type: Stormwater

Sub Lagoon: Banana River

Location: 28.321037, -80.68241

Project Description: Brevard County to install an offline pump that pumps existing canal flow through a denitrification system in the existing canal right of way. This project was originally approved for in the 2023 plan update and this application acts as an update to the original application with revised reductions now that design is underway, now greater than originally anticipated. Construction cost and timeframe are estimates, and will be updated according in a quarterly report once design is finished. Although the County has budgeted enough to nearly fully fund the project, these funds will allow for the remaining budget be used for additional stormwater projects treating the lagoon.

Education and Outreach:

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 617

Total Phosphorus Reduction (lbs/year): 97

Costs

Total Project Cost: \$598,930

Estimated Cost per Pound Total Nitrogen Removed: \$971

Estimated Cost per Pound Total Phosphorus Removed: \$6,175

Eligible Tax Funding Cost Share: \$354,158

Project Funding

Is Local Match in Adopted Budget: Yes

Dollar Amount of Local Cost Share: \$244,772

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits:

Notes: Revising denitrification project with updated nutrient reduction treating 140 acres for an additional \$195,510

Save Our Indian River Lagoon Funding Application Short Form: **Cocoa**
Beach Golf Course Floating Vegetative Islands

Project Details

Entity: City of Cocoa Beach

Project Type: Stormwater

Sub Lagoon: Banana River

Location: 500 Tom Warriner Blvd, Cocoa Beach, FL 32931

Project Description: The Cocoa Beach Golf Course is located directly next to the Banana River Lagoon. In FY24 the City harvested aquatic vegetation from all 19 stormwater ponds located on the golf course. The addition of floating vegetative islands after aquatic vegetation harvesting will ensure increased nutrient removal capacity of the ponds as well as beautify the ponds with native wetland vegetation and prevent future use of aquatic herbicides. The golf course uses reclaim water to irrigate the course, so the reclaim water has the potential to flow off the course into the ponds. With the use of fertilizer on the course, there is also the potential for the fertilizer to enter the ponds then the Lagoon. The addition of floating vegetative islands will ensure increased nutrient removal capacity of the ponds.

The 19 ponds have an estimated area of 1,010,000 square feet, which means there would be a total area of 50,500 SF of floating vegetation islands. The islands will cover 5% of the ponds.

Education and Outreach: The City' target audience is the golf course members, visitors and residents. The City will post about the recent improvements and benefits of the floating vegetative islands to the Banana River Lagoon on the City's website and social media pages.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 152

Total Phosphorus Reduction (lbs/year): 21

Costs

Total Project Cost: \$1,162,000

Estimated Cost per Pound Total Nitrogen Removed: \$7,645

Estimated Cost per Pound Total Phosphorus Removed: \$55,333

Eligible Tax Funding Cost Share: \$87,248

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$1,074,752

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits: The floating vegetative islands will help compete with invasive vegetation that tends to grow in the ponds and that may enter the lagoon.

Transforming the ponds into areas thriving with native wetland vegetation provide additional habitat for lagoon animal species such as wading birds. These ponds may serve as areas of refuge for these animals in times when the lagoon is experiencing intense algae blooms.

Notes: Revising project with updated nutrient reduction for an additional \$49,150.

Save Our Indian River Lagoon Funding Application Short Form: **Fillmore Avenue Streetscape Project**

Project Details

Entity: City of Cape Canaveral

Project Type: Stormwater

Sub Lagoon: Banana River

Location: 28.383062, -80.605177 - 28.383239, -80.599688 - All of Fillmore Ave.

Project Description: The Fillmore Avenue Project is a comprehensive infrastructure improvement initiative designed to address flooding concerns, enhance water quality, and modernize essential public utilities while creating a safer and more pedestrian-friendly corridor. This multi-faceted project encompasses upgrades to the stormwater system, sanitary sewer network, reclaimed water lines, and pedestrian walkways/pedways.

The stormwater management system will be significantly improved through the installation of underground stormwater chambers to increase capacity and reduce localized flooding. Additionally, pervious pavers will be incorporated to allow rainwater to infiltrate naturally, reducing runoff volume and pollutant loads. To further enhance stormwater treatment and provide visible, community-friendly green infrastructure, the project also proposes the installation of rain gardens strategically placed along the corridor. These features will filter stormwater through vegetation and soil media, improving water quality before it enters the Indian River Lagoon.

Together, these improvements will provide long-term resilience against increasing storm intensity, promote sustainable water management, and support the City's commitment to environmental stewardship while simultaneously improving neighborhood connectivity and pedestrian safety.

Education and Outreach:

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 60

Total Phosphorus Reduction (lbs/year): 11

Costs

Total Project Cost: \$3,382,316

Estimated Cost per Pound Total Nitrogen Removed: \$56,372

Estimated Cost per Pound Total Phosphorus Removed: \$307,483

Eligible Tax Funding Cost Share: \$34,440

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$3,347,876

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits: Reduction in Nutrient Pollution: The combination of underground chambers, pervious pavers, and rain gardens helps capture nitrogen and phosphorus before they can enter the Lagoon, directly addressing algae bloom drivers.

Improved Habitat Support: Cleaner freshwater discharges benefit seagrasses, oysters, and fish populations in the Lagoon by reducing turbidity and nutrient overload.

Temperature Moderation of Runoff: Green infrastructure (rain gardens and pervious surfaces) reduces the “first flush” of hot pavement runoff, lowering thermal stress on Lagoon ecosystems.

Microplastic & Sediment Capture: Filtration through soils and vegetation captures sediments and debris, limiting the transport of microplastics and fine particulates into the Lagoon.

Hydrologic Balance Restoration: Infiltration features recharge groundwater and restore more natural freshwater flow patterns, helping maintain salinity balance critical for estuarine species.

Public Stewardship & Education: Visible green infrastructure (rain gardens, pervious pavers) provides daily, real-world examples of Lagoon-friendly design that raise community awareness and foster stewardship.

Notes: Rain garden project treating 11 acres.

Save Our Indian River Lagoon Funding Application Short Form: **Tequesta Harbor Revitalization Project**

Project Details

Entity: Tequesta Harbor Yacht Club Association

Project Type: Muck Removal

Sub Lagoon: North Indian River Lagoon

Location: 212 Tequesta Harbor Drive in Merritt Island, FL 32952

Project Description: Tequesta Harbor, located on Merritt Island, is a small residential harbor of approximately 0.65 acres that has become heavily impacted by muck accumulation over the past several decades. The buildup has reduced water depth and quality, limiting navigation, diminishing habitat value, and contributing to poor lagoon health.

This project seeks funding to remove approximately 3,000-3,200 cubic yards of muck from Tequesta Harbor through a dredging project. Dredging will restore safe water depths, improve water circulation, and reduce nutrient loading—directly benefiting the harbor, the Indian River Lagoon, and community members.

In addition, the community is seeking to rebuild deteriorating docks and install a coquina rock ridge to protect the mouth of the harbor, stabilize the shoreline, and reduce future erosion. While these elements are critical to the long-term health and usability of the harbor, the community does not currently have sufficient funding to cover all aspects of the project. Grant support will allow us to address the most urgent need—muck removal—while continuing to pursue funding for these complementary improvements.

The community is also committed to long-term stewardship of the harbor and lagoon. Homeowners are working with Brevard County, the Brevard Zoo, and other partners to explore additional restoration measures such as oyster or seagrass projects, as well as stormwater improvements. The ultimate goal is not only to restore the harbor to a usable and healthy state, but also to ensure it becomes part of the solution rather than a burden on the lagoon.

Education and Outreach: The Tequesta Harbor community is committed to pairing this dredging project with education and outreach to foster long-term stewardship. We plan to host informational sessions for residents on the causes of muck, stormwater management best practices, and ways homeowners can reduce nutrient loading. We are also exploring partnerships with local organizations to bring additional resources, volunteer opportunities, and hands-on conservation activities (e.g., oyster gardening, native plant landscaping). These efforts will ensure residents are not only informed but actively engaged in protecting the harbor and contributing positively to the health of the Indian River Lagoon.

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 68

Total Phosphorus Reduction (lbs/year): 9

Costs

Total Project Cost: \$45,000

Estimated Cost per Pound Total Nitrogen Removed: \$662

Estimated Cost per Pound Total Phosphorus Removed: \$5,000

Eligible Tax Funding Cost Share: \$41,276

Project Funding

Is Local Match in Adopted Budget: Yes

Dollar Amount of Local Cost Share: \$15,000

Dollar Amount Secured Grant(s):

Additional Information

Other Indian River Lagoon Benefits: The dredging will restore safe water depths, improve water circulation, and reduce nutrient loading of harbor

Notes: Remove approximately 3,200 cubic yards of muck from Tequesta Harbor.

Save Our Indian River Lagoon Funding Application Short Form: **South Central A**

Project Details

Entity: Brevard County

Project Type: Septic to Sewer

Sub Lagoon: North Indian River Lagoon

Location: 28.290215, -80.695486; Unincorporated Rockledge Drive.

Project Description: Modifying the existing South Central Zone A to include all lots within the sewer design area. It was determined during planning of the sewer system the the most efficient path to bring sewer to the existing South Central A would create an opportunity to provide sewer to the properties along Rockledge Drive, south of the existing project area.

Education and Outreach:

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 5,318

Total Phosphorus Reduction (lbs/year): To be determined

Costs

Total Project Cost: \$11,629,426

Estimated Cost per Pound Total Nitrogen Removed: \$2,187

Estimated Cost per Pound Total Phosphorus Removed: To be determined

Eligible Tax Funding Cost Share: \$8,258,854

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share:

Dollar Amount Secured Grant(s): \$3,370,572 from Florida Department of Environmental Protection and \$6,549,178 from Save Our Indian River Lagoon

Additional Information

Other Indian River Lagoon Benefits: In addition to removal of a nitrogen source, septic removal will also remove a source of phosphorus, bacteria, and contaminates of concern.

Notes: Revising the project from 101 to 129 connections; eligible for an additional \$1,709,676.

Save Our Indian River Lagoon Funding Application Short Form: **South**
Tropical Trail / Kadlac Drive Sewer Extension

Project Details

Entity: Brevard County Utility Services Department

Project Type: Septic to Sewer

Sub Lagoon: North Indian River Lagoon

Location: 28.348491, -80.702617

Project Description: Septic to sewer conversion of 6 properties. Project includes: sewer connection to County system.

Education and Outreach: Letters to be sent out

Estimated Water Quality Benefits

Total Nitrogen Reduction (lbs/year): 162

Total Phosphorus Reduction (lbs/year):

Costs

Total Project Cost: \$368,204

Estimated Cost per Pound Total Nitrogen Removed: \$2,273

Estimated Cost per Pound Total Phosphorus Removed: To be determined

Eligible Tax Funding Cost Share: \$251,586

Project Funding

Is Local Match in Adopted Budget: No

Dollar Amount of Local Cost Share: \$196,898

Dollar Amount Secured Grant(s): N/A

Additional Information

Other Indian River Lagoon Benefits: Septic to sewer conversion of 6 properties. Project includes: sewer connections to County system.

Notes: Septic to sewer conversion of 6 properties.