



Save Our Indian River Lagoon Project Plan April 2017 Progress Report

WORK COMPLETED THIS MONTH:

- Position classification descriptions and advertisements were written for Save Our Indian River Lagoon Project Plan
- Continued coordination with municipalities, state officials and the Legislative Delegation regarding matching fund requests and proposed legislation with potential Indian River Lagoon implications
- Developed forms to use with the Municipal Cost-Share Agreements for reporting progress, submitting invoices, certifying payment and calculating cost-share eligibility
- Developed a process for paying sewer connection fees directly so owners don't front that cost
- Developed a notice to proceed process for implementing projects in the Project Plan in-house
- Revised the Substitute Project Submittal Form to address feedback from the Citizen Oversight Committee and questions from municipalities
- Mims Muck Dredging and Outflow Treatment contractor selected
- Re-allocated a County Baffle Box upgrade grant to municipal substitution projects (see map)

WORK UNDERWAY THIS MONTH:

- Development of the Muck Finder App is underway. Marine Resources Council is recruiting volunteers and gathering supplies. Florida Tech is developing the training tools.
- Coordination with Florida Tech and County Attorney regarding Intellectual Property Disclosure and Provisional Patent Application for Ferrate Treatment developed under current research contract
- Working with Matt Susin, Brevard County School Board, on projects students can do to support the lagoon restoration efforts – starting with rain benches and greenhouses
- City of Satellite Beach video – Selected a Year Zero project to highlight and met for interview
- Coordination with the City of Rockledge and their consultant on data collection to measure the success of the Rockledge Breeze Swept Septic to Sewer project
- Worked with representatives of Sebastian Marina on a grant application to St. Johns River Water Management District for the Micco Sewer Extension project. Responded to community inquiries.



- Applied Ecology is building a vector-based online tool for estimating nutrient loading from any area of interest and load reductions anticipated from various stormwater treatments
- Closewaters is researching readily available Economic Valuation metrics and icons
- Oyster Reef Build event at Nicol Park in Port St John

MEETINGS THIS MONTH:

- Art of Sustainability Special Event at Palm Bay City Hall
- City of Palm Bay staff and consultants exploring future sewer expansion options
- Save Our Lagoon Project Update to Delta Eta Teachers
- Save Our Lagoon Project Update to Space Coast Progressing Alliance
- Meeting with Brevard Zoo about public/private partnerships and citizen engagement in living shoreline and oyster restoration projects for the IRL

FUTURE TOPICS FOR SPECIAL PRESENTATIONS AT CITIZEN OVERSIGHT COMMITTEE MEETINGS:

- 1) Living Shoreline Practitioners Panel
- 2) Seagrass in the Indian River Lagoon – Lori Morris or Lauren Hall (St. Johns River Water Management District), Carter Henne
- 3) De-Nitrification Science – Dr. Marty Wanaliesta (University of Central Florida Stormwater Academy)
- 4) Advanced Septic and Septic Upgrades
- 5) Groundwater Pollution Research Plan – Dr. Leesa Souto (Marine Resources Council)
- 6) Monitoring Performance and Measuring Success
- 7) Coordinating 10 years of dredging and spoil management – Mark Crosley (Florida Inland Navigation District)
- 8) Engaging emerging technologies
- 9) Indian River Lagoon Comprehensive Conservation & Management Plan – Duane DeFreese (Indian River Lagoon National Estuary Program)



Draft Schedule for Year 2 Substitute Projects

October Workshop – Staff proposes to host a workshop for entities interested in submitting a Substitute Project Request. Workshop would review the application process, nutrient benefit estimation method and cost-share eligibility calculations.

Substitution Project Type	Submittal Deadline	2 weeks for Committee Review	Committee Meeting	Commission Review
Stormwater	December 18, 2017	January 5-19, 2018	January 19, 2018	March 13 or 20, 2018
All Others	January 22, 2018	February 2-16, 2018	February 16, 2018	March 13 or 20, 2018