



## Save Our Indian River Lagoon Project Plan January 2022 Progress Report

### WORK COMPLETED THIS MONTH:

- 2022 Plan Update modified to address Committee comments, changes summarized in slides
- Micco Septic-to-Sewer –Bids opened 1/5/2022. Reviewing low bidder submittals and qualifications
- Sewer design work contracted for 10 projects: North Merritt Island E, Sharpes A, Sharpes B, Cocoa C, South Banana B, Merritt C, Merritt F, Merritt G, Sykes Creek R, & Micco B
- 4 Septic Upgrades reimbursements processed for a total of 53 completed to date
- Septic Upgrade Grant – \$97,000 Reimbursement package submitted to state and approved
- City of Titusville High School Baffle Box project completed
- City of Cocoa Beach Convair Cove Low Impact Development project completed
- Living Shoreline Performance - University of Central Florida summary indicates limited recruitment in north Brevard canals, higher recruitment in south Brevard, and potential wave and burial impacts
- Contracts – Grant Place Baffle Box executed, Ray Bullard Reclaimed Upgrade and Stormwater amended
- Grant-funded Remote Algae Bloom Sensing study – first two weekly reports distributed
- Realtor Septic Inspection Letter and Best Management Practices Flyer finalized for distribution
- Derelict Vessels – 4 removed

### WORK UNDERWAY THIS MONTH:

- Grants – Brevard County submitted 2 proposal requests to the National Estuary Program
- Brevard County Smoke Testing – Contractor preparing work plan for smoke testing this spring
- South Central C Septic-to-Sewer – Construction started January 3
- Sykes Creek T Septic-to-Sewer – acquired parcel for lift station and vacuum pump
- Sykes Creek M Septic-to-Sewer – Environmental Site Assessment for vacuum pump land complete
- Sykes Creek N Septic-to-Sewer – 75% design review complete; 100% design underway
- South Beaches P Septic-to-Sewer –90% design underway
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Construction underway
- Basin 1280B Flamingo – Surveying 90% complete, hydraulic & hydrologic analyses underway
- Basin 1340B W Arlington – Surveying 90% complete, hydraulic & hydrologic analyses underway
- Basin 958 Pioneer Road – Modeling 50% complete, surveying underway
- Grand Canal Muck Dredging – Dredging is shut-down for the manatee closure period; Contractor continues to haul dredged material from dredged material management area
- Sykes Creek Phase I Muck Dredging – Contract negotiations with dredge contractor underway
- Eau Gallie Northeast Muck Dredging – Awaiting permission to cross the Intercoastal Waterway
- Satellite Beach and Indian Harbor Beach Grand Canal Muck Dredging –Surveys and design underway
- Canaveral South Muck Dredging – Task order for field data collection under review
- Contracts out for signature - Melbourne Tillman Water Control District Vegetation Harvesting and City of Cocoa Lakemont Ponds Floating Wetlands
- Contract Amendments in draft – Melbourne Pennwood Sewer, Cocoa Beach Phase IIB Muck Dredging
- Videos Contracted - Basin 26 Stormwater Treatment, McNabb Shoreline Restoration. Contracting South Central C Sewer, and Derelict Vessel Removal
- Marine Resources Council – Reviewing Grass Clippings Focus Group Report



### **PRESENTATIONS THIS MONTH:**

February 23 – Palm Bay Sustainability Board - Brandon

### **UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:**

January 25 – [Ocean Research & Conservation Association One Health Fish Monitoring Project Webinar](#)

February 1 – [Marine Resources Council Lunch and Learn – What You Plant Matters](#)

February 17 & 18 – [Indian River Lagoon Symposium](#)

February 19 – [Florida Friendly Landscaping Seminar](#)

March 5 – Rain Barrel Workshop at [Melbourne Botanical Fest](#)

### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

January 14 & 15 – [City of Cocoa Beach Oyster Prism Building Workshop](#)

January 15 – [Mangs and Brews with Brevard Zoo!](#)

January 21 – [Ocean Research & Conservation Association Fish Processing/Dissection Workshop](#)

January 29, February 4 and February 12 – [Brevard Zoo Restore Our Shores Supply Making](#)

Brevard Zoo Restore Our Shores [Clam Restoration Project seeking volunteers](#)

Marine Resources Council Super Clam monitoring seeking volunteers – [Email Caity Savoia to register](#)

Rotary Park rain garden maintenance – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Melbourne – [Email Bri Forte for opportunities](#)

### **WEBSITE AND SOCIAL MEDIA LINKS:**

[Lagoon Loyal Outreach and Engagement Landing Page](#)

[Save Our Indian River Lagoon Website](#)

[Save Our Indian River Lagoon Facebook](#)

[Save Our Indian River Lagoon Instagram](#)

[Save Our Indian River Lagoon YouTube](#)

### **FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

1. Florida Geology and Groundwater Vulnerability – United States Geological Service
2. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation
3. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
4. Surface Water Remediation – Ferrate, S.W.I.G., D.T.G., Chemical Tech, HABITATS
5. Lagoon projects managed and funded by other agencies, entities or grant programs
6. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
7. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
8. Completed and Ongoing Lagoon Research – Florida Tech Research Initiative
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Nutrient Loading Impacts of Reclaimed Water
11. Project Performance Measurement Results
12. Microplastics in the Lagoon
13. Herbicide Alternatives
14. Clam Restoration and Aquaculture Stimulus Projects
15. Zoo Conservation and Aquarium