



Save Our Indian River Lagoon Project Plan October 2021 Progress Report

WORK COMPLETED THIS MONTH:

- \$18,964,311 in state grants were approved for 8 county Septic to Sewer projects
- \$2,200,000 state grant to Utilities Services to upgrade the South Beaches plant to Advanced Treatment
- 2 Sewer Quick Connect completed
- Septic Upgrades – processed 2 more reimbursements for a total of 35 to date; 69 sites in progress
- Living Shoreline Performance - University of Central Florida monitored an oyster bar in advance of adjacent seawall construction. Post-construction monitoring will occur afterwards. Strategies to minimize impacts have been discussed with the owner and contractor
- Second quarterly sampling of In-Ground Nitrogen-Reducing Biofilter septic systems was completed
- Derelict Vessels – 3 removed
- Amendments – time extensions executed for MRC Grass Clipping Outreach, MTN Fertilizer and Septic Outreach, and the Titusville High School Baffle Box
- Homeowner Grant Portal – Live

WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – Contractor on standby; awaiting code enforcement software update
- South Central C Septic-to-Sewer –Contract amendment in review by County Attorney
- Micco Septic-to-Sewer –Reviewing final bid documents
- Sykes Creek M Septic-to-Sewer – contracting underway for Land acquisition
- Sykes Creek T Septic-to-Sewer –property acquisition ready for Board approval
- Sykes Creek N Septic-to-Sewer – 75% design received
- South Beaches P Septic-to-Sewer –Preliminary design underway
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Construction delays for acquiring material
- Angel Avenue/Basin 1066 – design work underway
- Basin 998 – Design task order is in review
- Grand Canal Muck Dredging – Approximately 140,000 cubic yards of muck dredged through September
- Sykes Creek Phase I Muck Dredging – Recommendation of contract award is pending final review
- Eau Gallie Northeast Muck Dredging – Awaiting permit modifications from regulatory agencies
- Shellfish Aquaculture Grant Program - first application processed; Three applications pending
- Contracts - Melbourne Tillman Aquatic Harvesting, Cocoa Beach McNabb Oysters and Plants in draft
- Amendments – time extensions requests to the County Commission October 12th for Titusville Osprey Water Reclamation Facility Upgrade and Palm Bay North Area Water Reclamation Facility Upgrade
- Videos Underway - Convoir Cove Low Impact Development filmed and in editing
- Grants – State Innovative Technology pre-proposals approved for full submittals due October 15th
- Brevard Zoo constructing oyster bars in the North Indian River Lagoon in early to mid-October



PRESENTATIONS THIS MONTH:

September 8 – Master Gardeners - Anthony

September 22 – Cocoa Beach Sustainability Board - Brandon

September 30 – Junior Achievement- Lagoon STEM presentation at Cocoa Beach Jr./Sr High School – Matt

October 5 – Marine Resources Council Lunch & Learn – Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

October 16 – Introduction to Pollution Mapping Workshop

October 21 – [Ocean Research Conservation Association - Intro to Fish Processing Workshop](#)

October 21-22 – [Marine Resources Council Low Impact Development Conference](#)

November 9 – Marine Resources Lunch & Learn on Frog Watch

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

October 12, 13, & 15 – [Brevard Zoo Restore Our Shores Oyster Bar Building](#)

October 15, 19, 27 – Fish Processing and Pollution Extractions – [Email Missy Weiss for Information](#)

November 20 – [Brevard Zoo Restore Our Shores Supply Making](#)

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

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 Nicole Broquet 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. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation
2. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
3. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
4. Nutrient Loading Impacts of Reclaimed Water
5. Completed and Ongoing Muck Research – Florida Tech Research Initiative
6. Lagoon projects managed and funded by other agencies, entities or grant programs
7. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
8. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Project Performance Measurement Results
11. Herbicide Alternatives
12. Microplastics in the Lagoon