



Save Our Indian River Lagoon Project Plan October 2022 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Upgrades – 6 more reimbursements processed for a total of 92 completed to date; 230 homeowner cost-share agreements executed
- South Beaches A – held a community meeting with homeowners
- University of Central Florida completed the 18-month monitoring of the Wexford oyster bar. In equal volumes of shells, oyster bags contained an average of 312 oysters and gabions 466 per sample. Oysters were also found in larger size classes in the gabions with a greater number of bridges present.
- Derelict Vessels removed this month – 10
- Grant - \$450,000 added to Florida Department of Environmental Protection Grant WG074 for an additional 50 Quick Connects to Sewer
- Grant - \$999,000 State Innovative Technology contract and change order executed
- Contracts executed – Melbourne Kent & Villa Espana Septic to Sewer
- Marine Resources Council Grass Clippings Phase 2 report complete

WORK UNDERWAY THIS MONTH:

- 2023 Project Applications – 17 proposals received and undergoing review
- Rockledge Treatment Plant - Flow Equalization Basin project began excavation and material delivery
- Smoke Testing complete – 431 leaks detected; 6 repair grants processed for completed work; Utilities is mailing second notices regarding code enforcement
- South Central C Septic-to-Sewer – Construction 58% complete; 143 of 147 homeowner connection grants contracted. Construction is underway in the north subdivision.
- Micco Septic-to-Sewer – Acquiring easement for running electricity to the new lift station
- Sykes Creek N Septic-to-Sewer – Final design underway; finalizing construction permit application
- Sykes Creek M & T Septic-to-Sewer – Surveying underway
- Brevard County Septic-to-Sewer - Survey, design, and engineering continue for 13 projects; developing notification letters for properties included in the projects
- Plumbing Services - Request for Qualifications advertised September 15 through October 12
- Basin 79/Scottsmoor C & Basin 89/Scottsmoor I Stormwater Treatments – A 9-day construction extension was requested due to flooding from Hurricane Ian; baffle box to be installed mid-October
- Basin 1280B Flamingo Denitrification and Basin 1304B W Arlington Denitrification – St. Johns River Water Management District (SJRWMD) grant agreement under review; permits applications submitted
- Basin 958 Pioneer Rd – SJRWMD grant agreement out for signatures; Right of Way permit submitted
- Basin 1066 Angel Ave – Design task order revisions received and under review
- Basin 1398 Sand Dollar – Design task order received and under review
- Basin 1387 Kingsmill-Aurora Phase II – Reviewing model results for proposed configuration options
- Grand Canal Muck Dredging – Removed a total of 240,000 cubic yards to date
- Sykes Creek Muck Dredging – Removed a total of 8,700 cubic yards to date
- Oyster Bars - Brevard Zoo is currently constructing oyster bars in the North Indian River Lagoon
- 2022 Audit – Findings are scheduled to be presented to the Audit Committee on October 26th



PRESENTATIONS THIS MONTH:

October 6 – A Day in the Life of the Indian River Lagoon – Brandon, Dominic, & Terri
October 18 – East Merritt Island Home Owners Association – Brandon
October 29 – Merritt Island Wildlife Association – Terri
November 1 & 2 – Manatee Forum in St Petersburg– Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

October 18 – Ocean Research and Conservation Association – [Lab Technique Training: Pipetting and Dilutions](#)
October 20 – Ocean Research and Conservation Association – [One Health Fish Monitoring Training](#)
October 20-21 – Marine Resources Council – [Low Impact Development Conference](#)
October 22 – Ocean Research and Conservation Association – [Introduction to Citizen Science Projects](#)
October 25 – Ocean Research and Conservation Association – [Land to Sea Buffered & Living Shorelines](#)
October 26 – Ocean Research and Conservation Association – [Lab Technique Training: Particle Analysis](#)
November 5 – [Indian River Lagoon Day](#)
November 12 – [Titusville Eco Fest: EEARS to the Environment](#)
November 12 – [Boater's Exchange Lagoon Loyal Day](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

October 17, 18, 20, 21, & 24 – Brevard Zoo [Restore Our Shores Reef Building](#)
November 1, 2, 7, 14, 15, 21, & 22 – Brevard Zoo Clam Restoration – Email [Restore Our Shores](#) to register
Marine Resources Council super clam monitoring, storm drain marking in Melbourne, and Concrete Creations
Program seeking volunteers – [Email Caity Savoia to register](#)
Rotary Park rain garden maintenance or storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

WEBSITE, SOCIAL MEDIA, NEWSLETTER, AND REPORT 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](#)
Sign up for our [Monthly Newsletter](#)
Sign up for our [Weekly Harmful Algal Bloom Reports](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. Audit Findings
2. Seagrass Guidance Risk Assessment Tool
3. Project Performance Measurements and Cost-Effectiveness Results
4. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
5. Surface Water Remediation Technologies
6. Nutrient Loading Impacts of Reclaimed Water
7. Lagoon Projects - managed and funded by other agencies, entities, or grant programs
8. Indian River Lagoon Research News: Conference, Symposium, or Assembly Highlights
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Clam Restoration and Aquaculture Stimulus Projects