



Save Our Indian River Lagoon Project Plan January 2023 Progress Report

WORK COMPLETED THIS MONTH:

- Drafted the 2023 Update to the Save Our Indian River Lagoon Project Plan and posted on website
- Oak Point Mobile Home Park – Package Plant conversion complete
- Leaky Lateral Repairs – 370 of 648 detected leaks have been repaired; 47 grant applications received; 37 grant recipient sites have been repaired and processed for payment
- Septic Upgrades – 5 more reimbursements processed for a total of 115 completed to date; 243 homeowner cost-share agreements executed
- In-Ground Nitrogen Reducing Biofilter Septic System – Consultant is collecting additional data to expand the final report per state requests. Staff is working with owners to finalize the septic permits.
- University of Central Florida reported some additional damage to oyster bars along the eastern shore of the Central Indian River Lagoon following Hurricane Nicole, however, the newest sites with gabion and corral designs remain intact
- Derelict Vessels removed this month – 2
- Contracts - Executed 12 Notice of Funding forms for County Stormwater projects, Satellite Beach Muck & Interstitial Treatment and Hedgecock/Grabowsky Septic to Sewer, and Melbourne South Central F/Pineapple Ave Amendment
- Fertilizer PSAs published online and as commercials on YouTube, Instagram, and Facebook
- Basin Management Action Plan updates submitted to Florida Department of Environmental Protection

WORK UNDERWAY THIS MONTH:

- Sent applications for the Citizen Oversight Committee to the League of Cities and County Commission
- State Legislative priorities approved by County Commission; drafting individual funding requests
- Osprey Water Reclamation Facility Upgrade – treatment units are online and operating
- South Central C Septic-to-Sewer – Construction 82% complete; sewer installed; finishing road paving; awaiting delivery of lift station control panels; 145 of 147 homeowner connection grants contracted
- Micco Sewer Line Extension – construction underway; FPL easement acquisition underway
- Brevard County Septic-to-Sewer – 30% design is being finalized for Sykes Creek Zone M & T, South Beaches Zone A, and South Central Zone D; 30% design was reviewed for Micco Zone B and North Merritt Island Zone E; 30% design is in review for South Banana Zone B, Sykes Creek Zone R, & Merritt Island Zones C, F, & G
- Sykes Creek Zone N Septic-to-Sewer – FPL line work underway; Right-of-Way permitting complete
- Basin 89/Scottsmoor I Stormwater Treatment – Weir is complete; sluice gate installation is this week
- Basin 958 Pioneer Rd, Basin 1280B Flamingo Denitrification, and Basin 1304B W Arlington Denitrification –Permits applications in review; responding to Requests for Additional Information
- Basin 1398 Sand Dollar Stormwater Project– Public Works is editing the scope of the task order
- Basin 1387 Kingsmill-Aurora Phase II – Purchasing additional land needed for maintenance access
- Grand Canal Muck Dredging – Shut down for manatee season. Removed 255,790 cubic yards to date
- Sykes Creek Muck Dredging – Removed a total of 26,141 cubic yards to date. Change order approved by Board to remove between an additional 48,000 and 61,000 cubic yards of muck
- Vibracore field work successfully completed for the Canaveral South dredging project



PRESENTATIONS THIS MONTH:

December 5 – Filming baffle boxes for an episode of Protect Our Paradise – Virginia and Jennifer Thompson

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

January 14 – Marine Resources Lagoon Watch Seminar – [Email Kara Woods](#) to register

January 19 – Brevard Indian River Lagoon Coalition [Straight Talk Titusville](#)

January 19 – Ocean Research & Conservation Association [Land to Sea Project Overview Webinar](#)

January 25 – Ocean Research & Conservation Association [Pipetting and Dilutions Lab Training](#)

February 7 – Marine Resources Council [Lunch and Learn: Harbor Branch Miniseries](#)

February 7 – Ocean Research & Conservation Association [Introduction to Citizen Science Projects](#)

February 23-24 – Harbor Branch Oceanographic Institute [Indian River Lagoon Symposium](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

January 14 – Marine Resources Council [Mangrove Workshop](#)

January 19 – Brevard Zoo [Oyster Habitat Supply Making](#)

January 31 – Ocean Research & Conservation Association Nursery Maintenance, [Email Missy Weiss](#) to register

February 3 – Brevard Zoo [Oyster Habitat Supply Making](#)

February 10 – Brevard Zoo [Oyster Habitat Supply Making](#)

February 11 – Marine Resources Council [Mangrove Workshop](#)

February 16 – Brevard Zoo [Oyster Habitat Supply Making](#)

February 18 – Brevard Zoo [Oyster Gabion Assembly](#)

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. Project Performance Measurements and Cost-Effectiveness Results
2. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
3. Surface Water Remediation Technologies
4. Nutrient Loading Impacts of Reclaimed Water
5. Turf grass options and alternatives
6. Lagoon Projects - managed and funded by other agencies, entities, or grant programs
7. Indian River Lagoon Research News: Conference, Symposium, or Assembly Highlights
8. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
9. Clam Restoration and Aquaculture Stimulus Projects
10. Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings