

Save Our Indian River Lagoon Project Plan February 2023 Progress Report

WORK COMPLETED THIS MONTH:

- Save Our Indian River Lagoon Project Plan 2023 Update County Commission approved the Committee's recommendations. Adopted 2023 Plan Update is posted on the website
- Osprey Water Reclamation Facility Upgrade Construction complete
- Basin 89/Scottsmoor I Stormwater Treatment Substantial construction complete
- North Merritt Island Zone E Septic-to-Sewer Met with River Moorings to discuss easement needs
- Leaky Lateral Repairs 378 of 648 detected leaks have been repaired; 52 grant applications received; 41 grant recipient sites have been repaired and processed for payment
- Septic Upgrades 14 more reimbursements processed for a total of 129 completed to date; 263 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. Inspections of the properties were completed.
- University of Central Florida completed 1- and 3-month monitoring on planter boxes at McNabb Park, with 83.3 97.3% survival of red mangroves and 100% survival of *Spartina alterniflora* (after 1-month).
- Septic and Fertilizer Outreach Contract renewed with MTN

WORK UNDERWAY THIS MONTH:

- Sent Welcome Packets to the new Citizen Oversight Committee members and alternates
- State Legislative Appropriation requests prepared for septic upgrades and muck removal
- Derelict Vessel Removal State funding is pending for the removal of 13 derelict vessels
- South Central C Septic-to-Sewer Construction 82% complete; started paving the last street
- Micco Sewer Line Extension FPL easement acquisition underway; force main partially installed
- Brevard County Septic-to-Sewer 30% design is being finalized for South Beaches Zone A, and South Central Zone D, Sharpes A & B, Cocoa C; 30% design was reviewed for Micco Zone B and North Merritt Island Zone E; 30% design is in review for Sykes Creek Zone M & T, South Banana Zone B, Sykes Creek Zone R, & Merritt Island Zones C, F, & G; land acquisition underway for North Merritt Island Zone E, Sykes Creek Zone R, & Micco Zone B.
- Sykes Creek Zone N Septic-to-Sewer Design being finalized for bidding; preparing partial funding agreement with Florida Department of Transportation
- Basin 958 Pioneer Rd, Basin 1280B Flamingo Denitrification, and Basin 1304B W Arlington
 Denitrification Preparing bid documents
- Basin 1387 Kingsmill-Aurora Phase II Land purchase agreement signed by owner
- Basin 998 Hampton Homes Design Task order is circulating for signatures
- Basin 71 Flounder Creek Task order for an updated final design has been executed
- Sykes Creek Phase 1 Muck Dredging Removed a total of 35,750 cubic yards to date.
- Contracts no-cost time extension amendments for Melbourne Grant Street Water Reclamation
 Facility and Indian Harbour Beach Muck Dredging and Interstitial Treatment in draft
- Project Video Filmed Commercial Oyster Grant Video, in editing
- Started Budget preparation for Fiscal Year 23-24



PRESENTATIONS THIS MONTH:

January 12 – League of Women Voters – Vinnie Taranto

January 17 – Brevard Indian River Lagoon Coalition Straight Talk – Terri, Anthony, Brandon, Abbey, & Dominic

January 25 – American Public University National Association of Environmental Professionals – Charles Venuto

January 26 – Marine Resources Seagrass Assembly – Virginia and Jenny

February 8 – Great Outdoors RV Resort – Brandon

February 16 – Brevard Marine Advisory Council Meeting – Brandon

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

February 23-24 – Harbor Branch Oceanographic Institute Indian River Lagoon Symposium

February 16 – Ocean Research & Conservation Association <u>Labratory Technique Training: Particle Analysis</u>

February 27 – Ocean Research & Conservation Association Land to Sea Project Overview Webinar

February 28 – Ocean Research & Conservation Association Fish Processing Intro Workshop

March 1 – Ocean Research & Conservation Association Fish Processing Intro Workshop

March 4 – Downtown Melbourne Botanical Fest

March 7 - Marine Resources Council Lunch and Learn: Harbor Branch Miniseries

April 12-14 - Marine Technology Society Tech Surge Florida Estuary & Coastal Monitoring

April 21 – Marine Discovery Center Sharing Our Research with Everyone (ShORE) Symposium

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

February 11– Marine Resources Council Mangrove Workshop

February 10 – Brevard Zoo Oyster Habitat Supply Making

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February 13 – Brevard Zoo Seagrass Nursery Construction

February 16 – Brevard Zoo Oyster Habitat Supply Making

February 17 – Brevard Zoo Seagrass Nursery Construction

February 18 – Brevard Zoo Oyster Gabion Assembly

March 2 – Brevard Zoo Oyster Habitat Maintenance

March 11– Marine Resources Council Mangrove Workshop

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 & 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. Stress to Marine Vertebrates from Exposure to Herbicides
- 3. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
- 4. Surface Water Remediation Technologies
- 5. Nutrient Loading Impacts of Reclaimed Water