



Save Our Indian River Lagoon Project Plan March 2024 Progress Report

WORK COMPLETED THIS MONTH:

- The 2024 Save Our Indian River Lagoon Project Plan Update was approved by the County Commission
- Leaky Lateral Repairs – 660 of 681 code enforcement cases for detected private sewer leaks have been resolved; 71 grant applications have been received; 69 payments have been processed
- Quick Connects – 38 more reimbursements processed of 265 to date; 404 agreements executed
- Septic Upgrades – 8 more reimbursements processed of 242 to date; 426 total agreements executed
- Derelict Vessels Removed: 3
- University of Central Florida conducted 3-month monitoring at the Rainwater oyster bar, finding an estimated 2,500 to 4,800 oysters per square meter in corral modules and 4.5-7% of measured oysters having reached reproductive size
- Federal Appropriations - Requested for Quick Connects & Sykes Creek Muck Removal
- Contracts – INV43 Ultrasonic Algae Treatment Project Contract Executed

WORK UNDERWAY THIS MONTH:

- South Central C Septic-to-Sewer –30 homeowner connections completed
- Micco Sewer Line Extension – 95% complete; final segment of sewer line installation is awaiting FDOT clearance; preparing for lift station start-up, then send connection notifications to owners
- Brevard County Septic-to-Sewer – South Banana Zone B and Merritt Island Zone F in permitting; preparing Sykes Creek Zone N and South Beaches Zones O & P for bidding; 90% design underway for Merritt Island Zone C; 75% design review complete for North Merritt Island Zone E; 75% design under review for Sykes Creek M; 75% design underway for Micco Zone B, Sykes Creek Zones R & T; 30% design under review for South Central D; 30% design underway for Sharpes Zones A & B, Cocoa Zone C, and Merritt Island Zones G
- Basin 958 Pioneer Rd Stormwater project ready to bid
- Basin 71 Flounder 90% plans under staff review
- Basin 1387 Kingsmill 90% plans expected this month
- Basin 2258 South Babcock 60% plans reviewed and approved
- Stormwater – water quality samples indicate 2 possible project locations due to nutrient impairments; an additional 3 projects are being studied for feasibility
- SJRWMD Grants awarded for Flounder Creek (\$157,500); Basin 1387 Kingsmill (\$1,200,000); Basin 1398 Sand Dollar (\$1,500,000); Basin 958 Pioneer Rd (\$645,000)
- Grand Canal Muck Dredging – DMMA site preparation underway for March 15th dredging startup
- Sykes Creek Phase 2 Muck Dredging –Contractor Bid package preparation in progress
- Eau Gallie Muck Dredging – Pre-bid meeting with contractors scheduled for 3/22
- Canaveral South Muck Dredging – Kick-off meeting held 2/27 on sediment management alternatives
- Patrick SFB/Pineda BRL-Task Order preparation for muck deposit investigation in progress
- Titusville Causeway Multitrophic Restoration Project – bid awarded and contracting underway
- Contracts – Titusville Osprey Basin Smoke Testing with entity for signature; Sand Point Amendment 1 with entity for signature; Cocoa Forrest Ave Stormwater Improvement Project out for signature; Willow Lakes and Lucky Clover Amendment 1 out for signature; Public Outreach Campaigns out for bid



PRESENTATIONS THIS MONTH:

February 20 – Eau Gallie Yacht Club - Abbey
February 21 – University of Florida Water Institute Symposium – Virginia
February 24 – Melbourne Beach Environmental Day – Virginia and Abbey
February 29 - County Commission Budget Workshop – Virginia
March 1 – Brevard Zoo World Seagrass Day – Jenny and Abbey
March 5 – Cocoa Rotarians – Virginia
March 16 – Thousand Islands Fest– Virginia, Brandon, and Anthony
March 23 – Florida Friendly Landscaping Seminar – Aleah
March 23 – League of Women Voters - Terri

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

March 15 – Ocean Research & Conservation Association [Introduction to Citizen Science Projects](#)
March 18 – Ocean Research & Conservation Association [Learn about Data Jam Competition](#)
March 12 – Ocean Research & Conservation Association [Land to Sea Buffered and Living Shorelines](#)
March 13 – Ocean Research & Conservation Association [Lab Technique Training Pipetting & Dilutions](#)
March 19-April 4 – University of Florida Extension Brevard [Florida Master Naturalist Program Coastal Class](#)
March 19 – Ocean Research & Conservation Association [Lab Technique Training: Particle Analysis](#)
April 11 - [ShORE Symposium: A Changing Estuary](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

March 12 & 25 – Ocean Research & Conservation Association Fish Processing - [Register with Missy Weiss](#)
March 13 – Ocean Research & Conservation Association Fish Homogenization – [Register with Missy Weiss](#)
March 27 – Ocean Research & Conservation Association [Native Plant Nursery - Email Wyatt To Register](#)
April 5 – Marine Resources Council [First Friday Litter Patrol](#)
April 20th Ocean Research & Conservation Association [Riverside Park Living Shoreline Installation](#)
Space Coast Surfrider Foundation Blue Water Task Force Monitoring – [Email Chis Baker for more information](#)
Florida Horseshoe Crab Watch – [Email Holly Abeels for more information](#)
Ocean Research & Conservation Association pollution mapping equipment cleaning – [Email Veronica](#)
Marine Resources Council Litter Removal and Concrete Creations Program volunteers – [Email Caitlin Bagnall](#)
Rotary Park rain garden maintenance or storm drain marking in Cocoa – [Email Carlos Cuevas](#)
Pineda Waterway Warriors Cleanup – Every 2nd & 4th Saturday at multiple locations – [Email Sherill](#)

WEBSITE, SOCIAL MEDIA, NEWSLETTER, AND REPORT LINKS:

[Lagoon Loyal Outreach & Engagement Landing Page](#) [Save Our Indian River Lagoon YouTube](#)
[Save Our Indian River Lagoon Website](#) [Sign up for our Monthly Newsletter](#)
[Save Our Indian River Lagoon Facebook](#) [Sign up for our Weekly Harmful Algal Bloom Reports](#)
[Save Our Indian River Lagoon Instagram](#) [Visit Lagoon Loyal for home pollution reduction tips](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. Ecosystem Restoration Projects – Oysters, Clams, Seagrass and Shoreline Plantings
2. Wastewater Plant Upgrades and Associated Nutrient Load Reductions in Reclaimed Water
3. Regional Wastewater Treatment Feasibility Study by the Economic Development Commission
4. Septic Upgrade Rules & Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings