



Save Our Indian River Lagoon Project Plan September 2024 Progress Report

WORK COMPLETED THIS MONTH:

- Leaky Lateral Repairs – 0 non-code cases voluntarily resolved for a total of 18 to date; 1 additional code case resolved for a total of 673 out of 691 code enforcement cases for detected private sewer leaks resolved
- Quick Connects – 18 more reimbursements processed of 359 to date; 452 agreements executed
- Septic Upgrades – 29 more reimbursements processed of 316 to date; 514 total agreements executed
- Land acquired for Sharpes Zone B lift station
- Commission approved purchase of land for Sykes Creek Zone T vacuum pump station and easements for Zone R
- University of Central Florida has completed monitoring at 9 living shoreline projects County-wide; they are currently monitoring three sites: Castaway Cove, McNabb, and Rainwater; and when monitoring at Castaway Cove is completed this month, they will begin monitoring the Turkey Creek Offshore Project
- Contracts executed – FDEP Grant LG004 South Beaches Septic to Sewer Zones O & P (\$400,000); FDOT Grant Sykes Creek Zone N (\$4,990,758)
- Change order executed – Marketing Talent Network Fertilizer Outreach time extension
- Videos – Turkey Creek Offshore Oyster Restoration Project and Seagrass Restoration Experimental Design complete

WORK UNDERWAY THIS MONTH:

- Derelict Vessels – New removal contract to begin October 1st
- South Central C Septic-to-Sewer – 93 of 150 homeowner connections completed
- South Beaches A Septic to Sewer – 5 connection agreements executed, 9 more in process
- Micco Sewer Line Extension – 97% complete; finishing punch list; finalizing as-built surveys; requesting state clearance to begin connecting the parcels
- Brevard County Septic-to-Sewer – Sykes Creek Zone M, N & T are out to bid for construction
- Brevard County Septic-to-Sewer – South Banana Zone B, and South Beaches Zones O & P are in the bid que
- Brevard County Septic-to-Sewer – 100% design received and state permit submitted for Merritt Island Zone F; 100% design under review Merritt Island Zone C; 75% design underway for Sykes Creek Zones R, North Merritt Island Zone E, South Central D; Cocoa Zone C and Sharpes Zone B; 30% design underway for Sharpes Zones A, Micco Zone B, and Merritt Island Zones G; preliminary design started for South Central Zone A
- Brevard County Stormwater Basin 1304 West Arlington - Bid awarded to JoBear Contracting
- Brevard County Stormwater Basin 958/960 Pioneer - Out to Bid
- Brevard County Stormwater Basin 1280B Flamingo - Out to Bid
- Grand Canal Muck Dredging – underway- approximately 399,997 cubic yards dredged as of 8/30/2024
- Titusville Causeway Multi-Trophic Restoration & Living Shorelines Resiliency Project – Over 190 Wave Attenuation Devices poured
- Seagrass and Oyster Restoration Resilience Project – Ecological Associates completed one-month monitoring
- Brevard Zoo - construction of the Turkey Creek Offshore project is underway
- Contracts – Merritt Country Mobile Home Park Septic to Sewer, two Brevard Zoo Oyster Projects, Citizen Science Stormwater Pond Monitoring and Maintenance Pilot Program, and 7 amendments in review
- Education and Outreach – Scoping first annual Task Order with SparkTide
- Videos –Implementation and Rockledge Flow Equalization Basin b-roll filming scheduled

Complete	95
In Progress	96
Complete + In Progress	191
Total Projects in the Plan	432

Save Our Indian River Lagoon Plan Project Progress

432

PRESENTATIONS THIS MONTH:

- August 4 – Brevard Zoo Science Sunday – Virginia
- August 12 – WMMB Radio Interview – Virginia and Curt
- August 17 – Cocoa Beach Lutheran Church of the Resurrection Lagoon Talk - Brandon
- August 18 – Brevard Zoo Science Sunday – Abbey
- August 25 – Brevard Zoo Science Sunday – Brandon
- September 28 – Space Coast Science Education Alliance “Research Rules” - Melanie

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

- September 24 – Brevard Zoo – [What’s Up In the Watershed?](#)
- October 1 – Marine Resources Council – [Lagoon at Noon Seminar](#)
- October 10 – Ocean Research and Conservation Association – [Pollution Mapping Citizen Science Training](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

- September 21 – Waterway Warriors Cleanup – [International Coastal Cleanup](#)
- September 21 – Keep Brevard Beautiful [International Coastal Cleanup](#)
- September 21 – Marine Resources Council – [International Coastal Cleanup](#)
- September 21 – Historic Cocoa Village Mainstreet – [International Coastal Cleanup](#)
- September 28 – Marine Resource Council [Mangrove Workshop](#)
- October 4 – Marine Resources Council [First Friday Litter Patrol](#)
- October 11 – Marine Resource Council [Mangrove Workshop](#)

Ongoing volunteer opportunities:

- 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 Missy Weiss](#)
- Ocean Research & Conservation Association microplastic analysis – [Email Missy Weiss](#)
- Rotary Park rain garden maintenance or storm drain marking – [Email Carlos Cuevas](#)

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](#)
- [Visit Lagoon Loyal for home pollution reduction tips](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

- Seagrass Trends in the Lagoon
- Vessel Mooring, Anchoring and Pump-out Enforcement
- Lagoon Projects - Managed and Funded by Other Agencies, Entities, or Grant Programs
- Project Performance Measurements and Cost-Effectiveness Results - McNabb Shoreline Projects
- Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings
- Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
- Turf Grass Options and Alternatives
- Integrated Herbicide Management
- Innovative Technologies for Sensing, Predicting and Controlling Harmful Algae Blooms
- Isotopic Results for Groundwater Pollution Source Tracking