



## Save Our Indian River Lagoon Project Plan June 2024 Progress Report

### WORK COMPLETED THIS MONTH:

- Brevard Zoon North Indian River Lagoon Oyster project completed
- Leaky Lateral Repairs – 1 non-code case voluntarily resolved for a total of 14 to date; 662 of 691 code enforcement cases for detected private sewer leaks resolved
- Quick Connects – 8 more reimbursements processed of 318 to date; 405 agreements executed
- Septic Upgrades – 7 more reimbursements processed of 275 to date; 483 total agreements executed
- Derelict Vessels Removed: 3
- University of Central Florida conducted monitoring at McNabb Park finding: 75-89% mangrove survival; 25 smooth cordgrass shoots per 0.25 m<sup>2</sup>; some degradation of the planter box material; approximately 68 gardened oysters and 133 spat-on-shell oysters per square meter
- Contracts – Cocoa Forrest Ave Stormwater and Brevard Zoo Central Tributary Pilot Project; North Indian River Lagoon Oyster, Central Indian River Lagoon Oyster 2, and Restore Our Shores Community Collaborative Amendments; Applied Ecology Groundwater Monitoring Task Order; LPA0145 (65 Quick Connects) Amendment 1 executed; Grant WG074 (150 Quick Connects) Amendment 2; and MTN Lagoon Loyal task order executed

### WORK UNDERWAY THIS MONTH:

- South Central C Septic-to-Sewer – 80 of 150 homeowner connections completed
- Micco Sewer Line Extension – 96% complete; lift station connected to power; start-up to be scheduled
- Brevard County Septic-to-Sewer – preparing Sykes Creek Zone N, South Banana Zone B, and South Beaches Zones O & P for bidding; 100% design underway for Sykes Creek M & T and Merritt Island Zone F; 90% design underway for Merritt Island Zone C; 75% design review complete for North Merritt Island Zone E; 75% design underway for Sykes Creek Zones R; 30% and 75% design in progress simultaneously for South Central D; 30% design under review for Cocoa Zone C; 30% design underway for Sharpes Zones A & B, Micco Zone B, and Merritt Island Zones G
- Sharpes Zone B – land acquisition - Escrow deposit made; closing date is 9/6/24
- Titusville Causeway Multi-Tropic Restoration and Living Shorelines Resiliency broke ground on May 29 and the event was published by 268 print, broadcast, and online news sources
- Basin 1304 West Arlington and Basin 1280B – Landscaping plans received
- Basin 1066 Angel Ave - Site and wetland survey started
- Environmental Site Assessment ordered for a potential wet pond site
- Grand Canal Muck Dredging – Dredging underway- approximately 354,252 cubic yards dredged as of 5/28/2024; Board approved Temporary Use Agreement
- Sykes Creek Muck Dredging - Phase 1 DMMA restoration underway; plantings complete
- Eau Gallie Muck Dredging – Board rejected the sole bid received; amending specifications
- Titusville East and West Muck Dredging – Contractor for engineering services selected on June 6<sup>th</sup>
- Seagrass and Oyster Restoration Resilience Project – Construction and planting underway
- Contracts – LG002 out for signature; 6 amendments in review; 5 in draft
- Federal Appropriation Requests – Preparing background documents required for federal grants for Septic Upgrades and Eau Gallie Muck Removal

**Complete** 93

**In Progress** 97

**Complete + In Progress** 190

**Total Projects in the Plan**

## Save Our Indian River Lagoon Plan Project Progress

432

### PRESENTATIONS THIS MONTH:

June 1 – Emergency Operations Center Open House – Brandon

June 5 – Hometown News Interview – Virginia

June 7 – Click Orlando News 6 Interview – Brandon

### UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

July 2 – Marine Resources Council - [Lagoon at Noon Seminar](#)

### UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

June 19 – Ocean Research & Conservation Association [Fish Processing – Register with Missy Weiss](#)

June 14 – Brevard Zoo Restore Our Shores – [Oyster Supply Making](#)

June 14 – Marine Resource Council [Mangrove Workshop](#)

June 15 – Brevard Zoo Restore Our Shores – [Oyster Gabion Filling](#)

June 18 – Brevard Zoo Restore Our Shores – [Oyster Reef Building](#)

June 22 – Marine Resource Council [Mangrove Workshop](#)

June 24 – Brevard Zoo Restore Our Shores – [Oyster Reef Building](#)

June 25 – Ocean Research & Conservation Association [Sediment Composition – Register with Lauren Kleiman](#)

June 26 - Seagrass Planting - William J Manzo Park, Titusville

June 28 - Seagrass Planting - Melbourne Beach

June 29 – Keep Brevard Beautiful – [Sand Point Park Cleanup](#)

June 29 – Ocean Research & Conservation Association Nursery Maintenance – [Register with Wyatt Martin](#)

July 5 – Marine Resources Council [First Friday Litter Patrol](#)

July 20 – Keep Brevard Beautiful – [Cape Crossing Cleanup](#)

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 2<sup>nd</sup> & 4<sup>th</sup> 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. Project Performance Measurements and Cost-Effectiveness Results
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
5. Lagoon Project Feasibility Study Update by St Johns River Water Management District
6. Lagoon Projects - Managed and Funded by Other Agencies, Entities, or Grant Programs
7. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
8. Turf Grass Options and Alternatives
9. Integrated Herbicide Management