



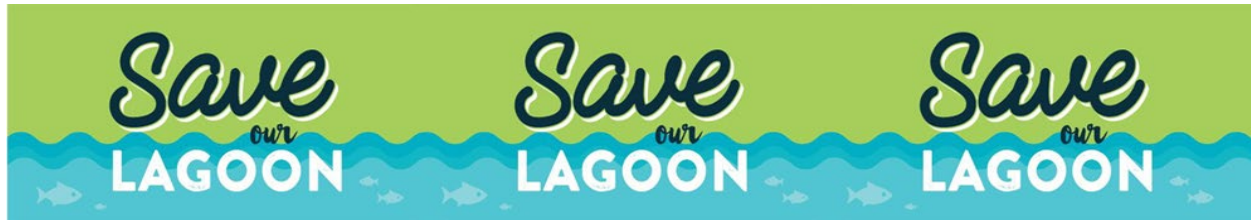
Save Our Indian River Lagoon Project Plan May 2021 Progress Report

WORK COMPLETED THIS MONTH:

- February revenues are slightly ahead of forecast used for the 2021 Plan Update
- Cone Road Septic-to-Sewer Phase 2 – project complete with 57 properties connected and 2 remaining; 1 Rebuild Florida property was given a 6-month extension; 1 property was sent to code enforcement
- South Beaches O Septic-to-Sewer –Preliminary design complete; continuing with final design
- Septic Upgrades – 6 reimbursements processed
- County Stormwater Pond Harvesting – Complete at Flounder Creek Pond; removed 62,000 pounds of aquatic vegetation containing 931 pounds of Total Nitrogen and 327 pounds of Total Phosphorus
- Eau Gallie Northeast Muck Project – State and federal permit modifications submitted
- Living Shoreline Performance - University of Central Florida conducted 1-year monitoring at the three EELs oyster bars and found 35.4, 175.4, and 122.6 live oysters per bag, with growth of oysters emerging through the top of the shell bags
- Oyster Bar Materials Testing - First-month post-deployment biological monitoring completed with high settlement densities observed at the Central lagoon sites
- Video - Draa Field Managed Aquatic Plant System complete

WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – expected to start in June and finish in December
- Beaches Leaking Sewer Laterals – 63 of 280 repairs complete; 10 reimbursements processed to date
- Sylvan Estates Septic to Sewer –all homes are connected to sewer; septic tank abandonment underway
- South Central C Septic-to-Sewer – Advertised for bid, to be opened May 18
- Micco Septic-to-Sewer –Waiting for approval of Department of Transportation permit modification
- Sykes Creek T Septic-to-Sewer – finalizing Sketch to acquire the lift station and vacuum house property
- Sykes Creek N Septic-to-Sewer –proceeding with preliminary design
- South Beaches P Septic-to-Sewer –soft digs and topo survey underway
- Septic Upgrades – 170 applications approved; 62 in progress; 23 reimbursements completed
- Big Muddy Baffle Box – construction underway
- Stormwater Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Preparing bid documents for construction to be advertised this month
- Cocoa Beach Phase IIb Muck Dredging – Dredging is approximately 80% complete
- Grand Canal Muck Dredging – Approximately 75,000 cubic yards of muck dredged through April
- Sykes Creek Phase I – Second lowest bidder agreed to honor their bid price
- Grass Clippings Campaign 1st focus group complete, rescheduling landscape professionals group
- Contracts executed for West Melbourne Ray Bullard Water Reclamation Facility Upgrade and Ray Bullard Stormwater Project, Satellite Beach Jackson Court Stormwater Project, Cocoa Beach Convair Cove, Stormwater Treatments and Oak Point Package Plant connection to central sewer
- Videos Underway - My Lagoon Story, Oak Point, Thrush Drive, Jackson Court, and septic abandonment
- Budget Change Request for the 2021 Plan Update submitted; documents sent for FY 2020 audit
- Proposed Fiscal Year 2021-2022 Budget and Associated Capital Improvement Plan submitted



PRESENTATIONS THIS MONTH:

May 12 – Brevard Soil and Water Board Presentation – Virginia and Anthony

May 14 – Indian River Lagoon Council Board of Directors Presentation - Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

Ongoing - [Marine Resources Council 3rd-6th grade Virtual Learning](#)

May 18 – Virtual Water Ambassador Lunch & Learn – [Martin County Water Farming Projects](#)

June 1 – Virtual Water Ambassador Lunch & Learn – [Be Floridian Now](#)

June 15 – Virtual Water Ambassador Lunch & Learn – [Water Quality and Coral Health](#)

May 20 – Sam’s House at Pine Island – Thousand Islands Kayak Tour: Call 321-449-4720 for reservations

May 27 – Sierra Club Turtle Coast Group – Manatee Mortality in the Indian River Lagoon, [7:00-8:30pm Zoom](#)

June 1 – Marine Resources Council Lunch and Learn Webinar: [Blue Water Task Force Water Testing Program](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

May 15 – Keep Brevard Beautiful: [Cocoa Village Trash Bash](#)

June 1 – Keep Brevard Beautiful: Post Holiday Cleanup – [email Amanda Muzaurieta for details](#)

September 18 – Marine Resources Council & Keep Brevard Beautiful: [International Coastal Cleanup](#)

Rotary Park rain garden maintenance – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Melbourne – [Email Nicole Broquet for opportunities](#)

Merritt Island National Wildlife Refuge Trash Cleanups Tuesday & Saturdays – [Email Micah Thomas](#)

WEBSITE AND SOCIAL MEDIA 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](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation
2. Lagoon projects managed and funded by other agencies, entities or grant programs
3. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
4. Wastewater Utility Asset Management Planning – Todd Swingle
5. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
6. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
7. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
8. Completed and Ongoing Muck Research – Florida Tech Research Initiative
9. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
10. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
11. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
12. Project Monitoring Results