



Save Our Indian River Lagoon Project Plan August 2021 Progress Report

WORK COMPLETED THIS MONTH:

- Revenues are approximately \$2.5 million ahead of the forecast used for the 2021 Plan Update
- Annual Intergovernmental Coordination Meeting was held to kickoff the 2022 Plan Update cycle
- Big Muddy and Thrush Drive Baffle Boxes – Construction complete
- Sherwood Park Stormwater Quality Project – Construction complete
- Draa Field Pond and Marina B Managed Aquatic Plant Systems – Projects Complete
- Brevard Zoo North Plant Project 2 – 45 linear feet of shoreline planted to complete contract
- Brevard Zoo Oyster Gardening – bags of live spat on shell were distributed to 318 gardeners
- Living Shoreline Performance - University of Central Florida conducted 12-month monitoring at Ahmed-Niland and found an average of 28 live oysters/bag. Density decreased from January but there are new recruits and gardened oysters have grown in size, through the bag, and are forming bridges.
- Derelict Vessels – 3 removed
- Videos - Jackson Court Stormwater Treatment Train, Ray Bullard Stormwater Management Area and Susan Hodgers' My Lagoon Story complete

WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – Finalizing code enforcement mechanics for fall start; December finish
- Beaches Leaking Sewer Laterals – 63 of 280 repairs complete; 10 reimbursements processed to date
- Titusville Osprey Waste Water Treatment Facility Upgrade project began excavation
- South Central C Septic-to-Sewer – Bid price was negotiated down ~\$250,000; County Commissioners approved American Rescue Plan Act funds to cover budget shortfall; proceeding with contracting
- Micco Septic-to-Sewer – Reviewing final bid documents and coordinating with FDOT resurfacing project
- Sykes Creek M Septic-to-Sewer – Land acquisition in progress
- Sykes Creek T Septic-to-Sewer – Awaiting approve from the Girl's Scouts for property acquisition
- Sykes Creek N Septic-to-Sewer – 75% design underway
- South Beaches P Septic-to-Sewer – Preliminary design underway
- South Beaches O Septic-to-Sewer – Awaiting Right of Way permit review by Public Works
- INRB Study – Preparing for second quarterly sampling
- Septic Upgrades – processed 2 more reimbursements for a total of 33; 74 sites in progress
- Convair Cove Low Impact Development project – began construction
- Jackson Court Stormwater Treatment Facility Project – began construction
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Construction underway
- Grand Canal Muck Dredging – Approximately 100,000 cubic yards of muck dredged through June
- Sykes Creek Phase I Muck Dredging – Reviewing prequalification documents from contractor
- Cocoa Beach Golf Muck Project – Pre-Application meeting held with FDEP staff
- Contracts - Melbourne Tillman Aquatic Harvesting, Cocoa Beach McNabb Oysters and Plants in draft
- Videos Underway - Convair Cove Low Impact Development scheduled to film in September
- Grants – TDC recommended our projects for funding; State Resiliency applications due September 1
- Homeowner Grant Portal – Training and testing of application



PRESENTATIONS THIS MONTH:

July 21 – Permitting Summer School – Virginia
August 23 – Catalina Isles Association – Anthony
August 24 – Sewalls Point City Council - Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

August 19 – [ORCA One Health Fish Monitoring: Introduction and Processing](#)
August 23 – [ORCA One Health Fish Monitoring: Intro to Fish Monitoring](#)
October 21-22 – [Marine Resources Council Low Impact Development Conference](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

August 19, 24, 26, & September 1 – Orca Fish Processing and Fish Extractions – [Email Missy Weiss to register](#)
September 18 – [International Coastal Cleanup](#)
Brevard Zoo Restore Our Shores [Clam Restoration Project seeking volunteers](#)
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](#)

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. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
5. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
6. Completed and Ongoing Muck Research – Florida Tech Research Initiative
7. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
8. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Project Monitoring Results
11. Herbicide alternatives
12. Microplastics in the Lagoon