



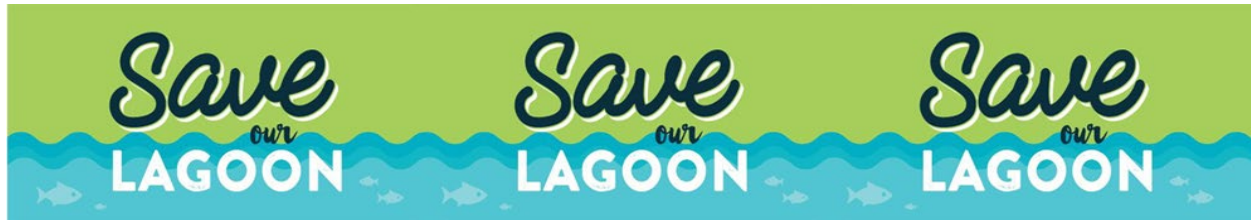
Save Our Indian River Lagoon Project Plan September 2021 Progress Report

WORK COMPLETED THIS MONTH:

- \$450,000 Legislative Appropriation grant contract executed for Septic Upgrades
- \$585,000 Legislative Appropriation grant contract executed for Quick Connects to Sewer
- \$2,500,000 Legislative Appropriation grant contract executed for Eau Gallie Northeast Muck Removal
- 5 Tourism + Lagoon grants were approved by the County Commission
- State Resiliency applications were submitted
- Fiscal Year 22-23 Legislative Appropriation requests were submitted
- South Beaches O Septic-to-Sewer –Permits secured
- 1 Sewer Quick Connect completed
- Cocoa Beach Golf Muck Project – Pre-Application meetings with Army Corp and US Fish & Wildlife complete; environmental resource surveys underway
- Brevard Zoo constructed 2,725 square feet of oyster bars in the Central Indian River Lagoon
- Living Shoreline Performance - University of Central Florida conducted 12-month monitoring at MacNeill-Pitner and found an average of 26 live oysters/bag. Density decreased from January but there are new recruits and more oysters have grown through the bag and are forming bridges.
- Shellfish Aquaculture Grant Program launched and first application processed
- Derelict Vessels – 3 removed

WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – Contractor on standby; awaiting code enforcement software update
- South Central C Septic-to-Sewer –Contract execution in progress
- Micco Septic-to-Sewer –Reviewing final bid documents and coordinating with FDOT resurfacing project
- Sykes Creek M Septic-to-Sewer – appraisals underway for Land acquisition
- Sykes Creek T Septic-to-Sewer – contracting for property acquisition in progress
- Sykes Creek N Septic-to-Sewer – planning vacuum house and landscaping details
- South Beaches P Septic-to-Sewer –Preliminary design underway
- Septic Upgrades – processed 2 more reimbursements for a total of 33; 74 sites in progress
- INRB Study – Second quarterly sampling scheduled for this month
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Construction underway
- Angel Avenue/Basin 1066 – design work has begun
- Grand Canal Muck Dredging – Approximately 126,000 cubic yards of muck dredged through August
- Sykes Creek Phase I Muck Dredging – Reviewing additional information provided by the contractor
- Eau Gallie Northeast Muck Dredging – Awaiting permit modifications from regulatory agencies
- Contracts - Melbourne Tillman Aquatic Harvesting, Cocoa Beach McNabb Oysters and Plants in draft
- Amendments – MRC Grass Clipping Campaign and Titusville Osprey Water Reclamation Facility Upgrade in draft; Titusville High School Baffle Box out for signature
- Videos Underway - Convair Cove Low Impact Development scheduled to film in September
- Grants – State Innovative Technology pre-proposals approved for full submittals
- Grant-funded Remote Sensing of Algae Blooms 1-year pilot project fully approved for launch
- Homeowner Grant Portal – Training and testing of application



PRESENTATIONS THIS MONTH:

August 23 – Catalina Isles Association – Anthony
August 24 – Sewalls Point City Council – Virginia
September 30 – Junior Achievement-Women in STEM – Matt

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

October 5 – Marine Resources Lunch & Learn on the Statewide Stormwater Rule Revisions – Virginia
October 21-22 – [Marine Resources Council Low Impact Development Conference](#)
November 9 – Marine Resources Lunch & Learn on Frog Watch

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

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