



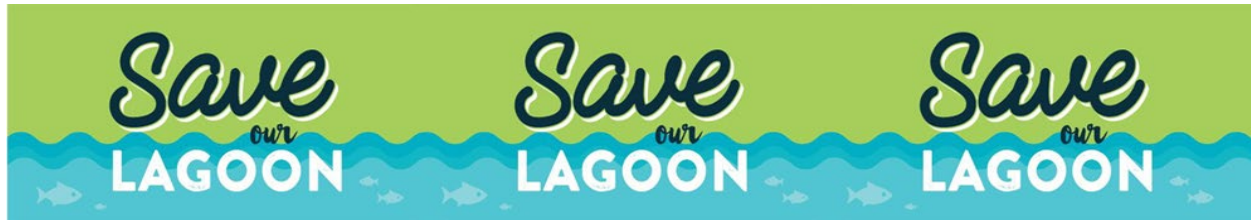
## Save Our Indian River Lagoon Project Plan November 2021 Progress Report

### WORK COMPLETED THIS MONTH:

- 9 Sewer Quick Connect reimbursements processed for a total of 34 completed to date
- 4 Septic Upgrades reimbursements processed for a total of 46 completed to date
- Satellite Beach Jackson Court Stormwater Treatment Facility project completed
- Basin 2258 – Easements Acquired
- Brevard Zoo constructed 3,756 square feet of oyster bars in the North Indian River Lagoon
- Living Shoreline Performance - University of Central Florida monitored the Wexford and Maritime Hammock E.E.L.s oyster bars; oysters have grown at Wexford and there was a 16.9% increase in oysters counted at Maritime Hammock since monitoring in April.
- Derelict Vessels – 4 removed
- Amendments – time extension amendments executed for Titusville Osprey Water Reclamation Facility Upgrade and Palm Bay North Area Water Reclamation Facility Upgrade
- Video Complete – Convair Cove Low Impact Development

### WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – Contractor on standby; software consultant adding code enforcement software
- South Central C Septic-to-Sewer –Contract executed
- Micco Septic-to-Sewer –Bid package due to procurement on 11/18
- Sykes Creek T Septic-to-Sewer – Environmental Site Assessment for approved property acquisition
- Sykes Creek M Septic-to-Sewer – surveying parcel for acquisition
- Sykes Creek N Septic-to-Sewer – 75% design in review by Utility Services Department
- South Beaches P Septic-to-Sewer –Preliminary design to be complete in approximately 90 days
- Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 – Construction delays for acquiring material
- Angel Avenue/Basin 1066 – design work underway
- Kingsmill Phase II – New consultant chosen, Task Order circulating for signatures
- Basin 998 – Design task order negotiations underway
- Grand Canal Muck Dredging – Approximately 148,000 cubic yards of muck dredged through October
- Sykes Creek Phase I Muck Dredging – Selection committee met and recommended contract award
- Eau Gallie Northeast Muck Dredging – Awaiting permit modification for dredge pipeline to cross the Intercoastal Waterway; bid documents under review
- Shellfish Aquaculture Grant Program - Three applications processed – 3 million clam seed to be planted
- Contracts -Cocoa Beach McNabb Oysters and Plants out for signatures
- Amendments – time extension to a St. Johns River Water Management District cost share grant for Oak Point Package Plant Connection to Sewer is circulating for signatures
- Videos Underway - Grand Canal Muck Dredging and Interstitial Water Treatment filming contracted
- Grants – State Innovative Technology full submittals submitted October 15<sup>th</sup>
- Kick-off meeting scheduled for the grant-funded Remote Algae Bloom Sensing study
- Close Out old Fiscal Year and set up Purchase Orders for new Fiscal Year



#### **PRESENTATIONS THIS MONTH:**

November 3 - American Public Works Association – Anthony  
November 4 – Good Morning Space Coast Breakfast, Melbourne Chamber of Commerce - Virginia  
November 13 – Sherwood Stormwater Park 50<sup>th</sup> Project Ribbon Cutting - Virginia  
November 13 – Indian River Lagoon Day - Brandon

#### **UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:**

December 7 – Marine Resources Lunch & Learn on North Atlantic Right Whale Update  
December 7 – Ocean Research & Conservation Association – [Intro to One Health Fish Monitoring & Processing](#)  
December 16 – Ocean Research & Conservation Association – [Laboratory Techniques II \(Particle Analysis\)](#)  
February 17 & 18 – Indian River Lagoon Symposium

#### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

November 20 – [Brevard Zoo Restore Our Shores Supply Making](#)  
November 23, December 7 and December 16 – Ocean Research & Conservation Association Fish Processing & Extractions - [Email Hannah Atsma for information](#)  
December 11 – [Brevard Zoo Restore Our Shores Supply Making](#)  
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. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
3. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
4. Lagoon projects managed and funded by other agencies, entities or grant programs
5. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
6. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
7. Completed and Ongoing Lagoon Research – Florida Tech Research Initiative
8. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
9. Nutrient Loading Impacts of Reclaimed Water
10. Project Performance Measurement Results
11. Microplastics in the Lagoon
12. Herbicide Alternatives