



Save Our Indian River Lagoon Project Plan March 2021 Progress Report

WORK COMPLETED THIS MONTH:

- December revenues are consistent with forecasts used for the 2021 Plan Update
- Palm Bay's North Area Water Reclamation time extension amendment executed
- Sykes Creek N Septic-to-Sewer –demolition complete for new lift station
- Stormwater Sunset Rd/Serenity Park/Basin 26 – Fully permitted, preparing for bid and construction
- Cocoa Beach Golf Muck Project – Preliminary field data collection complete, next field work underway
- Sykes Creek Phase I Muck Dredging – Final submittal received, awaiting recommendation of award
- Brevard Zoo constructed a 1,750 square foot oyster bar in the Central Lagoon
- University of Central Florida final monitoring at the Bettinger oyster bar canal site found a decline in oyster density and poor growth in the past 6 months, in contrast to performance at open water sites
- Septic Upgrade Video complete
- Maps portal added to the website quick links
- Derelict Vessels – 2 additional derelict vessels were removed, grant funding pending

WORK UNDERWAY THIS MONTH:

- Beaches Leaking Sewer Laterals – 63 of 280 repairs complete; 10 reimbursements processed to date
- Cone Road Septic-to-Sewer Phase 2 – 55 properties connected; 4 connections remaining
- Sykes Creek M & T Septic-to-Sewer – Acquiring property for lift stations
- South Central C Septic-to-Sewer –met with the North and Central Home Owner's Associations to discuss easement requests; meeting with South Home Owner's Association on April 7
- South Beaches O & P Septic-to-Sewer –Survey underway for Zone O; Design awarded for Zone P
- Septic Upgrades – 160 applications approved; 60 in progress; 16 reimbursements completed
- Stormwater Angel City/Basin 1066 – Survey proposal under review by county staff
- Stormwater Hampton Homes/Basin 998 – Gathering monitoring data and structural inventory
- Stormwater Huntington Ave/Basin 41 – Assigned to consultant for redesign requested by land owner
- Flounder Creek/Basin 71 – Public Works is providing cost and schedule to construct in-house
- Cocoa Beach Phase IIb Muck Dredging – Dredging is approximately 77% complete
- Grand Canal Muck Dredging – Modifying dewatering site for dredging to resume in late March
- Eau Gallie Northeast Muck Project –Army Corps meeting about pipeline across Intracoastal Waterway
- Video Production – Two My Lagoon Story videos contracted
- Grass Clippings Campaign Focus Groups Scheduled
- Collecting responses to Tourism grant-funded Communication Transparency Surveys
- Preparing Budget Change Requests for Balance Forward, Mid-Year Revenues and 2021 Plan Update
- Budget: Preparing the Fiscal Year 2021-2022 Budget and Associated Capital Improvement Plan
- Contracts for West Melbourne's Ray Bullard Stormwater Project and Ray Bullard Water Reclamation Facility Upgrade, Titusville's Marina B Managed Aquatic Plant Systems and St. Johns Baffle Box, and the Oak Point Package Plant Connection to Central Sewer
- Contract Amendments for Melbourne's Hoag Septic to Sewer and Titusville's High School Baffle Box



PRESENTATIONS THIS MONTH:

February 18 - Leadership Brevard Class on Communicating Progress Regarding the Lagoon – Virginia
March 4 – Citizens Academy, Natural Resources Management – Virginia
April 15 - Brevard County Budget Workshop, 10-Year Save Our Lagoon Project Plan - Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

Ongoing - [Marine Resources Council 3rd-6th grade Virtual Learning](#)
February 23 – Virtual Water Ambassador Program – [email Lisa Krinsky for details](#)
April 6 – Marine Resources Council Lunch and Learn Webinar: [Sarasota Dolphin Research Program](#)
March 13, 3:00-4:30pm - League of Women Voters Event: [Restoring the Lagoon \(Zoom event registration\)](#)
March 24, 6:00-7:30pm – Indian River Lagoon Coalition: [Palm Bay Lagoon Straight Talk Event](#)
March 24, 12:00 pm – Florida Tech Lunch and Learn: [Restoration of the Indian River Lagoon](#)
March 29, 31 and April 2 – Sarasota Bay Estuary Program: [Florida Microalgae Workshop](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

March 19-April 24 – [City of Satellite Beach: Sampson Island Restoration](#)
March 20 – [Blue Marlin Real Estate: Bird Island Cleanup](#)
April 3 & 4 – [Keep Brevard Beautiful: Trash Bash](#)
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. Low Impact Development/Resilience – Local examples, efforts and potential opportunities
2. Wastewater Utility Asset Management Planning – Todd Swingle
3. Re-use/Reclaimed Water – Nutrient Loading Impacts and 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. Coordinating Spoil Management with Florida Inland Navigation District
10. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation - Gybe
11. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
12. Lagoon projects managed and funded by other agencies, entities or grant programs
13. Climate change impacts to the Lagoon – Randy Parkinson
14. Project Monitoring Results