



Save Our Indian River Lagoon Project Plan January 2021 Progress Report

WORK COMPLETED THIS MONTH:

- Revenue forecasts were revised following arrival of September monthly and quarterly collections
- Save Our Indian River Lagoon Project Plan 2021 Update - final draft submitted for Committee review
- Plumbers - Pre-qualification RFQ extended until January 29th
- Stormwater Basins 100 and 1298 are constructed
- Grand Canal Muck Dredging –Manatee closure began December 1st; No dredging to occur until March
- Cocoa Beach Golf Muck Project – Field data collection and design task order executed
- University of Central Florida found an average of 48 oysters per bag at Marina Isles, with an average of 2 bridges between adjacent bags, and recruited oysters grown to the size class of the gardened oysters
- Deployment of alternative oyster restoration material test treatments in the Banana and Indian Rivers
- MTN Fertilizer and Septic Outreach contract was executed for fiscal year 20/21
- Video Production – Stephany Eley’s My Lagoon Story completed
- Derelict Vessels – 3 additional derelict vessels were removed

WORK UNDERWAY THIS MONTH:

- Homeowner grants – Tax exemption request package submission to United States Department of Agriculture Natural Resources Conservation Service
- Developing an online grant application portal for septic upgrades, sewer connections and repairs
- Contracting for new grants approved by St Johns River Water Management District Governing Board
- Quarterly reports for federal and state grants
- Beaches Leaking Sewer Laterals – 28 repairs complete; 9 reimbursements processed to date
- Cone Road Septic-to-Sewer Phase 2 – 48 properties connected; 10 remaining
- Sykes Creek N Septic-to-Sewer – Project design started. Lift station relocation to start in January
- Sykes Creek M & T Septic-to-Sewer – Starting property acquisition for lift station lots
- South Central C Septic-to-Sewer – Utilities is commenting on latest Right-Of-Way permit comments
- Septic Upgrades – 160 applications approved; 55 in progress; 11 reimbursements completed
- Septic Load Estimation for all parcels county-wide is underway to support pro-rated grant options
- Stormwater Basin 22 is under construction
- Stormwater Basins 998, 1066, and 1124 - Task orders are being prepared for project designs
- Cocoa Beach Phase IIb Muck Dredging – Dredging is approximately 70% complete
- Sykes Creek Phase I Muck Dredging – contractor responded to 3rd request for additional information
- Eau Gallie Northeast Muck Project –Preparing federal permit modification request for dredging pipeline to cross the Intercoastal Waterway
- Processing first month of abiotic monitoring data from oyster restoration material test
- Sykes M, Sykes N, Sykes T, and South Central C Septic to Sewer projects - Notice of Funding sent
- Huntington, Johns Road, and Kingsmill stormwater projects - Notice of Funding sent
- Sylvan Estates and Cliff Creek - no-cost time extension amendments executed



PRESENTATIONS THIS MONTH:

December 10 – Melbourne Chamber of Commerce Annual Retreat - Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

January 5 – Marine Resources Council Lunch and Learn Webinar: Florida Trails Association

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

January 12 & 26, February 9 & 23, March 9 & 23 – Virtual Water Ambassador Program, Various Speakers – [email Lisa Krimsky for details](#)

February 18 & 19 – [Indian River Lagoon Symposium - Call for Presenters Underway](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo – [Teacher Drive Thru Adopt-A-Mangrove](#) – November 16

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