



Save Our Indian River Lagoon Project Plan April 2021 Progress Report

WORK COMPLETED THIS MONTH:

- January revenues are consistent with forecasts used for the 2021 Plan Update
- Briarwood Mobile Home Park Septic-to-Sewer – project complete and reimbursed
- Sykes Creek N Septic-to-Sewer – Survey complete
- South Beaches O Septic-to-Sewer – Survey complete
- Grand Canal Muck Dredging – Dredging restarted March 29th
- Living Shoreline Performance - University of Central Florida final monitoring at St. Marks Academy found 43% of planted red mangroves remained but other plants were lost to terrestrial overgrowth and construction of a pier; two additional vegetated living shorelines had low survival of plants at 9 months post-planting, likely due to erosion from high water and wave energy over the winter.
- Oyster Bar Materials Testing - First quarter monitoring and second deployment of materials completed
- Draa Field Vegetative Harvesting Video complete
- Tourism + Lagoon grant-funded projects completed – including a Communication Transparency Study, Manatee Field Guide, and 60% Design for a Max Brewer Causeway Breakwater
- State Coastal Resilience grant secured to permit the Max Brewer Causeway Breakwater

WORK UNDERWAY THIS MONTH:

- Brevard County Smoke Testing – proposals opened, entering into negotiations with contractor
- Beaches Leaking Sewer Laterals – 63 of 280 repairs complete; 10 reimbursements processed to date
- Cone Road Septic-to-Sewer Phase 2 – 56 properties connected; 3 connections remaining
- Sylvan Estates Septic to Sewer – abandoning septic tanks and connecting to sanitary sewer
- Sykes Creek T Septic-to-Sewer – Sketch & Design started for Sykes T property
- South Central C Septic-to-Sewer – meeting with Home Owner’s Association April 7; preparing bid docs
- South Beaches P Septic-to-Sewer – survey underway
- Micco Septic-to-Sewer – Department of Transportation permit mod in review; 90% design underway
- Septic Upgrades – 164 applications approved; 60 in progress; 18 reimbursements completed
- Stormwater Sunset Road/Serenity Park/Basin 26 and Johns Rd/Basin 62 - bid docs under review
- Cocoa Beach Phase IIb Muck Dredging – Dredging is approximately 78% complete
- Eau Gallie Northeast Muck Project – Final drafts of state and federal permit modifications underway
- Sykes Creek Phase I – contractor, Central Sand, has submitted a withdrawal of their bid
- My Lagoon Story and Draa Field Managed Aquatic Plant System videos scheduled
- Grass Clippings Campaign Focus Groups Underway
- Preparing Budget Change Requests for 2021 Plan Update; sharing documents for FY 2020 audit
- Budget: Preparing the Fiscal Year 2021-2022 Budget and Associated Capital Improvement Plan
- Contract prepared for Satellite Beach Jackson Court Stormwater Project
- Contracts amended for Melbourne’s Pennwood Septic to Sewer and Titusville’s Draa Field Managed Aquatic Plant Systems



PRESENTATIONS THIS MONTH:

March 24 – Palm Bay Lagoon Straight Talk – Virginia

March 26– Conservation Conversation with a Soil and Water Supervisor, Natural Resources Conservation Service and Brevard County Natural Resources via Facebook live - Virginia

April 14 – Brevard Soil and Water Board Presentation – Brandon and Anthony

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](#)

April 17 – [Boaters Exchange Boating and Fishing Expo](#)

May 4 – Marine Resources Council Lunch and Learn Webinar: [Endangered Sawfish of Florida](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

March 19-April 24 – [City of Satellite Beach: Sampson Island Restoration](#)

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