



## Save Our Indian River Lagoon Project Plan

### May 2020 Progress Report

#### WORK COMPLETED THIS MONTH:

- Provisional Trust Fund revenue reductions prepared for this year and next year due to Covid-19
- Fiscal Year 20-21 budget request prepared and submitted
- Sykes Creek N Septic-to-Sewer – Bid opening delayed by Covid-19 but scheduled for May 20
- Basin 10 County Line Road Woodchip Bioreactor – construction is complete
- Basin 115 Carter Road Biosorption Activated Media - construction is complete
- Basin 2134 Fleming Grant Biosorption Activated Media – construction is complete
- Derelict Vessels – 4 additional derelict vessels removed
- Brevard Zoo installed 800' of oyster bars at Coconut Point, Hog Point, and Maritime Hammock
- Contracts executed for Fisherman's Landing and Rotary Park Planted Shorelines and Oyster Gardening
- Monitoring of 4 pre-sales tax oyster bar sites was conducted by Brevard Zoo
- Septic to Sewer grants requested: \$1,386,000 for South Central C and \$144,294 for Micco Extension II
- Jay Moynahan's My Lagoon Story video was completed

#### WORK UNDERWAY THIS MONTH:

- Palm Bay North Region Water Reclamation Facility Upgrade –Notice to Proceed issued on 4/16
- Beaches Leaking Sewer Laterals – 27 repairs complete; 7 reimbursements processed
- Request for Proposals drafted for 5 plumbers to repair leaky laterals and connect septic to sewer
- Cone Road Septic-to-Sewer –22 properties connected
- Micco Sewer Service Extension –Bid document prep underway for late May/early June advertisement
- 200+ Postcards being sent weekly for Septic Upgrade reimbursement grants; 1 reimbursement request received; 55 applications sent to interested property owners
- Recruitment underway for Inground Nitrogen Reducing Bioreactor pilot projects; 12 potential recruits
- Basin 832 – Construction has begun
- Johns Road and Flounder Creek –waiting for Army Corp permits; continuing bid package preparations
- Kingsmill-Aurora Phase II – Topographic Survey ordered for Consultant
- Basin 1329 – Army Corp permit received on 3/4; on 5/7 County learned that the city needs our location
- Basin 1409 – Starting permit preparations
- Cocoa Beach Phase IIb Muck Project – Dredging approximately 18% complete
- Grand Canal Muck Dredging –permit requested for Berkeley Canal; Dredging anticipated to restart June
- Sykes Creek Phase I Muck Dredging–Awaiting low bidder response to request for additional information
- Cocoa Beach Golf Muck Project– City and County preparing request for qualifications package for selection of consultant to conduct assessment of capping alternative
- Rockledge A – Preliminary field work under way
- NASA Causeway East–Additional field data collection under way
- Titusville Railroad Bridge East and West –negotiating fees for the data collection needed for design
- Video Production – two 'My Lagoon Story' videos in editing, others scheduled; Sylvan Estates Septic to Sewer Project, Brevard Stormwater Denitrification BAM, Oyster Monitoring, and Cocoa Beach Water Reclamation Facility Upgrade are scheduled and/or partially filmed
- Letter sent to entities with outstanding projects requesting a schedule update or withdrawal notice
- Retail fertilizer sign is being redesigned based on Focus Group feedback for late May redistribution



**PRESENTATIONS THIS MONTH: All Cancelled or postponed due to Covid-19 social distancing**

May 7 – Brevard IRL Coalition 1<sup>st</sup> Partner Zoom Meeting - Virginia

**UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS: All Cancelled or postponed due to Covid-19**

June 2 - Marine Resources Council Brown Bag Seminar: Laurilee Thompson - Indian River Legacy

Ongoing - Marine Resources Council 3<sup>rd</sup>-6<sup>th</sup> grade Virtual Learning

**UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES: All Cancelled or postponed due to Covid-19**

Brevard Zoo - Reef Build events Contact [restoreourshores@brevardzoo.org](mailto:restoreourshores@brevardzoo.org)

Brevard Zoo– Shoreline Planting <https://restoreourshores.org/volunteer-we-need-you/#howyoucanhelp>

Keep Brevard Beautiful - Lagoon Friendly Lawns – contact Kaylyn Palmer at 321-631-0501

Marine Resources Council – Lagoon Watch, Mangrove, or Lagoon Literacy - <https://savetheirl.org/volunteer/>

**WEBSITE AND SOCIAL MEDIA LINKS:**

Outreach and Engagement Landing Page: <https://lagoonloyal.com/>

Website: <http://www.brevardfl.gov/SaveOurLagoon>

Facebook: <https://www.facebook.com/BrevardCountySaveOurLagoon>;

Instagram: <https://www.instagram.com/saveourlagoon/>

YouTube: <https://goo.gl/GBh6xU>

**FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

1. Ecological modeling of 528 and 520 Banana River Causeway Reductions – Dr. Sherry Brant-Williams
2. Wastewater Utility Asset Management Planning – Todd Swingle
3. Tourism + Lagoon grant projects – Using Super Clams for Restocking Efforts
4. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
5. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
6. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
7. Completed and Ongoing Muck Research – Florida Tech Research Initiative
8. Coordinating Spoil Management with Florida Inland Navigation District
9. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
10. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
11. Surface Water Remediation – AquaFiber, D.T.G., Chemical Tech, Phosphorus Free
12. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation- Gybe
13. A Day in the Life of the Indian River Lagoon – Missy Weiss
14. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
15. Lagoon projects managed and funded by other entities
16. Climate change impacts to the Lagoon – Randy Parkinson
17. Super Clam Restoration Project Update – Whitney Lab
18. Low Impact Development – Local examples
19. Project Monitoring Results
20. Package Plants