



## Save Our Indian River Lagoon Project Plan July 2019 Progress Report

### WORK COMPLETED THIS MONTH:

- \$500,000 Legislative Appropriation for Septic to Sewer project match approved by the Governor
- Submitted Tourism + Lagoon grant applications for 4 projects totaling \$299,000
- Fertilizer Notice to Consumers sign and training materials produced and distributed to 44 sales outlets
- Beaches Leaking Sewer Laterals – 2<sup>nd</sup> month of sampling completed for 8 participating property owners
- Florida Department of Health Memorandum of Understanding approved to test septic drainfield media
- Post Cards created to notify owners eligible for grants to upgrade their septic or connect to sewer
- Grand Canal Muck Dredging – County Commission approved contract award to Gator Dredging
- Cocoa Beach - Muck Dredging Phase IIb and Water Reclamation Facility Upgrades contracts complete
- Brevard Zoo - Gitlin Oyster Bar constructed; Marina Isles and Central Indian River Lagoon contracted
- University of Central Florida researchers conducted monitoring at Bomalaski and Bettinger oyster sites
- Breeze Swept Septic to Sewer Conversion - Project Analysis Final Report (performance measurement)
- Derelict Vessels – 5 additional derelict vessels removed
- Story Map of all projects in the Updated Plan posted at [www.brevardfl.gov/SaveOurLagoon/maps](http://www.brevardfl.gov/SaveOurLagoon/maps)
- Videos - Cocoa Beach Muck Dredging filmed and edited
- Provided files for auditors to review capital project and municipal grant processes

### WORK UNDERWAY THIS MONTH:

- Education, Outreach and Public Engagement - “LagoonLoyal.com” website live
- Sykes Creek Zones N Septic-to-Sewer – Utility Services reviewing final design
- South Central C Septic-to-Sewer – Utility Services reviewing 60% design
- Micco Sewer – Awaiting final design submittal, drafting permit applications
- Micco Sewer – National Estuary Program grant contract drafted, submitted 2 grant applications
- Sykes Creek Zone M and T- Consultant is finalizing 30% submittal
- West Melbourne - Sylvan Estates Amendment I for new cost share circulating for signatures
- Received septic drainfield media testing agreement signed by Florida Department of Health
- Titusville - South Street Baffle Boxes installation 90% complete, La Paloma installation 60% complete, St Teresa construction contract awarded on 3/12, Coleman Pond and Titusville High in design
- Receiving and reviewing designs for Basin 1349, Basin 1409, John’s Road and Flounder Creek
- Performance monitoring underway for Central Boulevard and Church Street Baffle Box upgrades
- Cocoa Beach - Muck Dredging Phase III contract is approximately 82% complete
- Grand Canal Muck Dredging – pre-construction meetings scheduled July 16, 17, and 18
- Grand Canal Muck Dredging – continuing to collect dredge waivers
- Sykes Creek Muck Dredging – Phase I bid document revisions underway
- Merritt Island Muck Dredging – Response to 2<sup>nd</sup> state Request for Additional Information underway
- Mathers Bridge Area Muck Removal – Surveying an expansion of the project area
- Brevard Zoo –Marina Isles construction underway. Oliver withdrawn due to seagrass recovery
- University of Central Florida Living Shoreline Monitoring Task Order 2 with UCF for final signatures
- Filming videos - Lateral Line Repairs
- Fiscal Year 18-19 budget change requests to update county budget to match the 2019 Plan Update



**PRESENTATIONS THIS MONTH:**

- July 13 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato
- July 14 – Plan Progress Presentation at Unitarian Universalist Church of Brevard – Brandon
- July 29 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato
- July 31 – Indian River Lagoon Community Voices, Informed Choices (CIVIC) Forum- Anthony and Brandon
- August 22 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato

**WEBSITE AND SOCIAL MEDIA LINKS:**

- New 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>

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

- Brevard Zoo Oyster Gardening Workshop, 7/13, 7/29, & 8/22; Adopt-A-Mangrove 7/24; - <https://restoreourshores.org/volunteer-we-need-you/>
- Marine Resources Council Brown Bag Lunch: Horseshoe Crabs and Shoreline Nesting 8/6 - <https://savetheirl.org/brown-bag-lunch/>
- Marine Resources Council International Mangrove Day Celebration 7/20 <https://www.facebook.com/events/384898715453470/>

**UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

- Brevard Zoo – Youth Shoreline Planting, 7/20; Youth Mangrove Propagule Collection 8/3 - <https://restoreourshores.org/volunteer-we-need-you/>
- Keep Brevard Beautiful- Summer Series Cleanups, 7/13 & 7/27
  - Lagoon Friendly Lawns – contact Kaylyn Palmer of Keep Brevard Beautiful at 321-631-0501
  - Fish Kill Response Cleanup: contact Desiree Lesko of Keep Brevard Beautiful at 321-631-0501
- Marine Resources Council Lagoon Watch, Mangrove, or Lagoon Literacy <https://savetheirl.org/volunteer/>

**FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

1. Recreational Fishing – Captains Frank Catino and Billy Rotne
2. Harvesting of Aquatic Weeds – Melbourne Tillman Water Control District, Patrick Air Force Base
3. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
4. New Enhanced Lagoon Circulation Research – Florida Tech Research Initiative
5. Low Impact Development – Local examples
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 Indian River Lagoon National Estuary Program
10. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
11. Surface Water Remediation Technologies
12. Oyster histories in Brevard County - University of Central Florida
13. Project Monitoring Results
14. Package Plants