



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

### WORK COMPLETED THIS MONTH:

- Awarded Federal 319(h) Grant Funding for Sykes Creek - Zone M, \$423,936,
- Awarded Federal 319(h) Grant Funding for Sykes Creek – Zone T, \$1,071,936
- Grand Canal Muck Dredging – Turn lane installation for dewatering area complete
- Sykes Creek Muck Dredging – Phase I bid documents complete
- Micco Sewer – state applications submitted for right-of-way and environmental resource permits
- Sykes Creek Zones N Septic-to-Sewer – FDEP permit application submitted
- Total Maximum Daily Load Credit Share Interlocal Agreement with all Cities was recorded
- Sylvan Estates Septic to Sewer Amendment I executed
- Brevard Zoo contracts executed for North Indian River Lagoon Oysters, North Indian River Lagoon Plants, and Banana River Lagoon Plants Shoreline Restoration Projects
- Merritt Island Muck Dredging – Response to 2<sup>nd</sup> state Request for Additional Information submitted
- Mathers Bridge Area Muck Removal – Surveying of expanded project area complete
- University of Central Florida researchers conducted monitoring at 2 oyster sites and 2 planted sites
- Derelict Vessels – 5 additional derelict vessels removed; 8 new ones mapped after Dorian
- Completed projects layer added to the Story Map posted at [www.brevardfl.gov/SaveOurLagoon/maps](http://www.brevardfl.gov/SaveOurLagoon/maps)
- Annual Intergovernmental Collaboration Meeting held to review Project Cost Share Request Process
- Legislative water policy priorities and 3 funding requests submitted for 2020
- Audit Committee heard audit report on capital project and municipal grant processes

### WORK UNDERWAY THIS MONTH:

- Interviewing applicants for the vacant staff positions
- Creating new, online project funding request application forms
- Advertising for new applicants to fill the soon to be vacant Oversight Committee Real Estate seat
- Palm Bay North Area Wastewater Reclamation Facility Amendment I scheduled to go to board 9/17/19
- Beaches Leaking Sewer Laterals – grant reimbursement forms offered to 9 interested property owners
- South Central C Septic-to-Sewer – awaiting 90% design.
- Sykes Creek Zone M and T- reviewing 30% design
- Melbourne – Requested 5-month extension for Pennwood Drive Septic to Sewer
- Titusville Septic to Sewer contract being created
- Titusville - South Street Baffle Boxes, La Paloma, and St Teresa 5-month extension requested;
- Johns Road, Flounder Creek, Basin 1409 and 1349 design complete, permitting underway
- Cocoa Beach Muck Dredging - Phase III is ~90% complete, Phase IIb scheduled to start this month
- Indian Harbour Beach Muck Dredging Contract being created
- Grand Canal Muck Dredging – Dewatering area approximately 40% complete, responding to FDEP RAI for permit modification, continuing to collect dredge waivers, seeking permit to add Berkeley
- Titusville Railroad Bridge East and West – Work authorized for bathymetric and muck survey
- NASA Causeway East– Work authorized for bathymetric and muck survey
- Kilroys – Coordinating with ORCA to complete installation of 4th monitoring station
- Performance monitoring is underway for Central Boulevard and Church Street Baffle Box upgrades
- Transportation Planning Organization discussed causeway elevation over the Banana River on 9/12
- Filming videos - Lateral Line Repairs



#### **PRESENTATIONS THIS MONTH:**

August 22 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato  
August 28-30 – Florida Lake Management Society Conference – Virginia, Anthony, Walker  
September 9 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato  
September 11 – Sea Grant –Anthony  
September 13 – Tortoise Island Food Truck Event – Walker  
September 23 – Brevard Indian River Lagoon Coalition Straight Talk Cocoa Beach – Virginia and Brandon

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

9/23, Indian River Lagoon Coalition Straight Talk - <https://helpthelagoon.org/lagoon-straight-talk-event/>  
9/24, Brevard Zoo Oyster Gardening Workshop, Living Shoreline SOIRL Question and Answer - <https://restoreourshores.org/volunteer-we-need-you/>  
9/27, Florida Tech TechCon2019 - <https://give.fit.edu/irlri-techcon>  
10-1, Marine Resources Council Saving the Indian River Lagoon Presentation at Boaters Exchange - <https://savetheirl.org/>  
10/10, A Day in the Life of the Indian River Lagoon - <https://seadifference.org/a-day-in-the-life>

#### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

Keep Brevard Beautiful- International Coastal Cleanup, 9/21  
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/>

#### **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. Tourism + Lagoon grant projects
2. Leaking lateral results
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 & Dr. Drew Palmer
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 Technologies
12. Oyster histories in Brevard County - University of Central Florida
13. Project Monitoring Results
14. Package Plants