



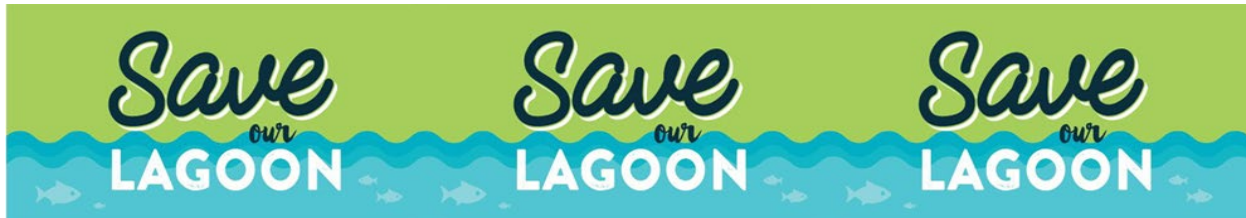
## Save Our Indian River Lagoon Project Plan January 2019 Progress Report

### WORK COMPLETED THIS MONTH:

- 2019 Plan Update – progress and additional data analyzed, projects and map updated, text revised
- Vacancies on the Citizens Oversight Committee were advertised. 11 applications were received for 4 seats: Tourism (Alternate), Real Estate (Alternate), Technology (Member) and Education (Alternate).
- Perfluorinated compound report for groundwater, muck, and lagoon surface waters testing finalized, distributed to concerned agencies and individuals and posted online
- Draft House and Senate Appropriation Requests submitted for sewer infrastructure and muck removal
- Met with Palm Bay Utilities for sewer project planning
- St. Johns River Water Management Crane Creek/M-1 Canal Rediversion Contract executed
- Muck Dredging Programmatic Permit – met with State Historical Preservation Office
- University of Central Florida researchers conducted monitoring at 1 oyster bar and 2 planted shorelines

### WORK UNDERWAY THIS MONTH:

- Selection of new Citizen Oversight Committee members is scheduled for the January 14<sup>th</sup> the Space Coast League of Cities meeting. County Commission appointments are anticipated February 12<sup>th</sup>.
- Existing septic locations prioritized and analyzed for clusters and quick connect opportunities
- Existing package plant sites and data used to prioritize and estimate cost effectiveness for upgrades
- Titusville South Street Baffle Box - construction beginning this month
- Titusville La Paloma and St Teresa projects - out to bid
- Melbourne Riverside Septic to Sewer - contract out for signatures
- Brevard Zoo Bettinger Oyster Reef - contract in review, construction January 31<sup>st</sup> – February 1<sup>st</sup>
- Time extensions for Melbourne's Cliff Creek, Thrush Drive, and Hoag Ave projects going to Board
- Contracting underway for 2 municipal projects
- Beaches Leaking Sewer Laterals – developing groundwater monitoring plan and grant documents
- Sykes Creek Zones M & T – preliminary design in review by Utility Services Department
- South Central C Septic-to-Sewer – planning force main to connect community to existing infrastructure
- Stormwater Basins 1349 & 1409 - Task Orders for design have been executed
- Huntington Pond – Preliminary design review completed, comments send to engineer of record
- Cocoa Beach - Muck Dredging contract is approximately 60% complete
- Eau Gallie Area Muck Removal – final design underway, awaiting issuance of USACE permit
- Mathers Bridge Area Muck Removal – scoping expansion of project area
- Sykes Creek Muck Dredging Phase 1 – bid documents underway
- Merritt Island Muck Dredging – design underway
- Mullet Creek Muck Dredging – scoping of design underway
- Grand Canal Muck Dredging – developing dredge waiver database and finalizing the bid package
- Micco Sewer Ext. – Final design and state environmental and transportation permitting underway
- Muck Dredging Permits – collecting bathymetric data for Titusville and Rockledge
- Grass Clippings Outreach Study - marketing recommendations report complete
- Filming videos - "My Lagoon Story," Living Shoreline Demonstrations, Turkey Creek Watershed, Merritt Island Septic to Sewer Phase II and Titusville Baffle Boxes



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

January 25 – Exploring Partnership Opportunities with Space Florida: County and Space Florida staff  
February 6 – NASA/FDEP Partnership Meeting: Anthony, Brandon, Courtney  
February 12 – East Merritt Island Home Owners Association: Brandon  
February 15 – Christian Women Business Association: Brandon  
March 4 – North Merritt Island Home Owners Association meeting with Florida Inland Navigation District

#### **WEBSITE AND SOCIAL MEDIA LINKS:**

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:**

East Coast Estuary Restoration Team, January 15, Dr. Lindquist on biodegradable oyster restoration materials  
Keep Brevard Beautiful Rain Barrel Workshop, February 2, contact Kayln Palmer [kaylnpalmerkbb@gmail.com](mailto:kaylnpalmerkbb@gmail.com)  
Indian River Lagoon Symposium, Harbor Branch, February 7-8,  
<http://www.indianriverlagoon.org/Symposium.html>  
Diamond Back Terrapin Working Group: Florida Regional Meeting, February 8, contact Joe [ibutler@unf.edu](mailto:ibutler@unf.edu)  
Marine Resources Council Fertilizer, Yard Clippings, & Rain Barrel Education Workshop, February 10, contact  
Steve Sharkey [sharkeymrc@gmail.com](mailto:sharkeymrc@gmail.com)  
Managing Visitor Use in Coastal and Marine Protected Areas Training, February 20-21, contact Emily Dark  
[Emily.Dark@dep.state.fl.us](mailto:Emily.Dark@dep.state.fl.us)  
Stormwater and Green Infrastructure Symposium, May 8-10, [https://www.wef.org/events/conferences/  
upcoming-conferences/stormwater-and-green-infrastructure-symposium-2019/](https://www.wef.org/events/conferences/upcoming-conferences/stormwater-and-green-infrastructure-symposium-2019/)

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

Brevard Zoo Restore Our Shores – Oyster Reef Build, January 31 & February 1, 2019, 8:00 am – 12:00 pm,  
<https://restoreourshores.org/volunteer-we-need-you/>  
Keep Brevard Beautiful – Winter Series Cleanup, January 19, 2019, 8:00 am – 12:00 pm,  
<https://keepbrevardbeautiful.org/events>  
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  
Muck Finders - contact Jared McNally, [jared@mrcirl.org](mailto:jared@mrcirl.org), at the Marine Resources Council  
Marine Resources Council Lagoon Watch, Mangrove, or Lagoon Literacy program,  
<https://savetheirl.org/volunteer/>

#### **FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

1. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
2. Harvesting of Aquatic Weeds
3. Coordinating Dredging and Spoil Management with Florida Inland Navigation District
4. Mechanical Dewatering of Muck and Methods for Stripping Nutrients from Interstitial Water
5. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
6. Completed and Ongoing Muck Research – Florida Tech and Ocean Research Conservation Association
7. Lagoon Fish and Fisheries