



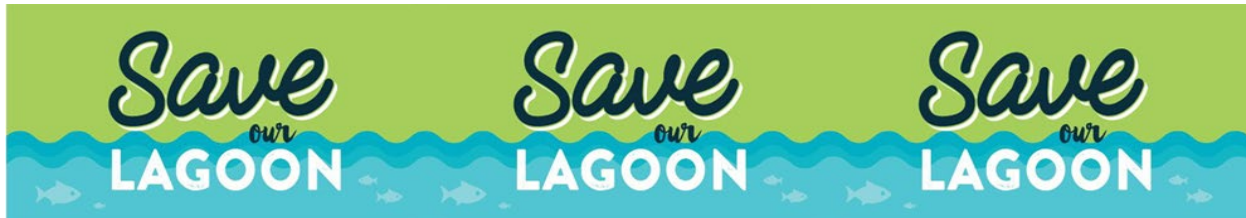
## Save Our Indian River Lagoon Project Plan April 2019 Progress Report

### WORK COMPLETED THIS MONTH:

- 2019 Plan Update –Citizens Oversight Committee’s revised recommendations were adopted on 4/9
- Preparation for the 4/18 County Commission Workshop on the Indian River Lagoon and Utilities
- Education, Outreach and Public Engagement campaigns proposed by MTN to staff on 4/10
- Beaches Leaking Sewer Laterals –consultant went door-to-door once; 2<sup>nd</sup> visit scheduled this week
- Basin 1349 & 1409 – Task orders completed for project design
- Grand Canal Muck Dredging – Bid opening was 3/28. Protest period over. Financial review underway.
- Merritt Island Muck Dredging – Federal and State permit applications submitted
- Mathers Bridge Area Muck Removal – proposal for expansion of project area received
- University of Central Florida researchers conducted six-month monitoring at 1 oyster and 2 plant sites
- Derelict Vessels – Additional \$450,000 approved to remove derelict vessels as fast as FWC clears them
- Melbourne Contract Amendments executed for Thrush, Cliff Creek, and Hoag time extensions
- Mid-Year Budget Adjustments completed and approved by the County Commission on 4/9
- Total Maximum Daily Load Credit Sharing Amendment signed by all cities, awaiting recording

### WORK UNDERWAY THIS MONTH:

- Titusville - South Street Baffle Boxes installation 50% complete, La Paloma and St Teresa construction to begin this quarter, Coleman Pond and Titusville High contracting underway
- Sykes Creek Zones N Septic-to-Sewer – Final design and permit documents submitted to Utility Services
- South Central C Septic-to-Sewer – Completed septic field survey and conversion design analysis
- Micco Sewer Ext. – Awaiting final design submittal from the Engineer of Record
- Sykes Creek Zone M and T- design is using alternative construction techniques to reduce time and costs
- Melbourne Riverside Septic to Sewer – 1 home connected, remaining homes over next several months
- Huntington Pond –easement negotiations needed for project continue
- Basin 989 – Task order being drafted for project design
- Kingsmill – Meeting with Florida Department of Transportation to start process of acquiring pond
- Cocoa Beach - Muck Dredging contract is approximately 73% complete
- Cocoa Beach - Water Treatment Facility Upgrade contract scope of work under review
- Eau Gallie Muck Dredging – Bid documents underway. BV-52 repairs underway
- Sykes Creek Muck Dredging Phase 1 – Phase I bid document revisions given to consultant
- Merritt Island Muck Dredging –dredge material management site acquisition underway
- Grand Canal Muck Dredging – seeking dredge waivers to remove muck close to docks and seawalls
- Titusville Causeway Shoreline Stabilization Feasibility Study underway (Tourist Development grant)
- Brevard Zoo - Gitlin Oyster Bar is contracted for construction in May. Site selection, success criteria and permit applications were submitted for Eden Isles, Marina Isles, Coconut Point, Wexford, and Oliver.
- University of Central Florida researchers conducting three-month monitoring at 1 oyster bar
- Contracting underway for 4 continuous water quality monitoring stations
- Filming videos - Merritt Island Septic to Sewer II, Cocoa Beach Muck Dredging, and Lateral Line Repairs
- Preparing budget requests for fiscal year 2019-2020 based on Approved 2019 Plan Update



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

March 19 – Mims Community meeting with Florida Inland Navigation District: Walker  
March 26 – Viera Lions Club speakers on Stormwater Pollution and Lagoon Restoration: Carlos and Jane  
March 28 – Titusville Resiliency Workshop with East Coast Florida Regional Planning Council: Jane  
April 8 – South Patrick Residents Association: Walker  
April 10 – Titusville Chamber of Commerce Lunch Speaker on Lagoon Updates: Virginia & City of Titusville staff  
April 13 & 14 – Viera Wetlands Festival Booth: Anthony and Brandon  
April 18 – County Commission Workshop on the Indian River Lagoon and Utility Needs: Virginia  
May 22 – Community Association Advisors for Management Professionals panel on Lagoon -Anthony

#### **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:**

Stormwater and Green Infrastructure Symposium, May 8-10, <https://www.wef.org/events/conferences/>  
Brevard Zoo Living Shoreline Workshop, May 13, <https://restoreourshores.org/volunteer-we-need-you/>  
Marine Resources Brown Bag Lunch Series - <https://www.facebook.com/events/1977228952399676/>

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

Brevard Zoo– Supply Moving for Gitlin Reef Build, 5/13 <https://restoreourshores.org/volunteer-we-need-you/>  
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. Nutrient Sources and Cycling in the Lagoon – Panel of University and Agency Research Scientists
2. Outreach and Engagement Opportunities – Marine Resources Council and MTN Advertising
3. Scoping and Smoke Testing of Sewage Collection Systems and Lateral Lines
4. Project Monitoring Results
5. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
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. Lagoon Fish – Dr. Grant Gilmore, Dr. Jon Shenker, Captains Catino, Murphy, Ross, Rotne, and Wiggins
10. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
11. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
12. Surface Water Remediation Technologies
13. Oyster histories in Brevard County - University of Central Florida
14. Harvesting of Aquatic Weeds – Melbourne Tillman Water Control District, Patrick Air Force Base
15. Mosquito Control
16. Package Plants