



## Save Our Indian River Lagoon Project Plan August 2018 Progress Report

### WORK COMPLETED THIS MONTH:

- City of Cocoa - Church Street Generation II Baffle Box
- Marine Resources Council - Cocoa Beach Country Club Shoreline Planting
- Draft ArcNLET Septic Analysis Preliminary Report
- Sykes Creek Zones M & T – Notice to Proceed for Design and Engineering
- Eau Gallie Area Muck Dredging – pre-application meeting with Florida Permitting Agency
- Muck Dredging Master Permit - proposals reviewed for initial seagrass and bathymetric survey
- Muck Finders – Mullet Creek area was probed
- Contract Performance Table and Project Process Timeline was updated
- IRL Pollution Sources & Funding Solutions Spreadsheet - regulation section was added
- 3 Project contracts executed - Brevard Zoo Bomalaski Living Shoreline, Marine Resources Council Cocoa Beach Country Club Shoreline Planting, and Marine Resources Council Lagoon House Shoreline Planting
- Mims Muck Dredging Video completed for use on Social Media

### WORK UNDERWAY THIS MONTH:

- Limited, 150-Day Septic Moratorium – Finalizing ArcNLET analysis of septic systems
- Permanent Septic Ordinance drafting and public hearings: Building Contractors Advisory Committee September 12<sup>th</sup>; Planning & Zoning Sept 17<sup>th</sup>; County Commission hearings on Sept 25<sup>th</sup> and October 9<sup>th</sup>
- Cocoa Beach - Muck Dredging contract is 35% complete
- Palm Bay - North Region Water Reclamation Facility is starting detailed design
- Titusville - St. Teresa & La Paloma 60% design is complete
- Titusville - South Street design is complete, permit is received, construction is going to bid
- Sykes N Septic-to-Sewer – 60% design underway
- South Central C Septic-to-Sewer – design & engineering underway
- Homeowner Grant Program – refining templates for septic to sewer, lateral repairs and septic upgrades
- Mims Muck Dredging and Outflow Treatment – dredging on standby, Florida Tech
- Sykes Creek Muck Dredging – designing smaller “Phase 1” using Kiwanis Island spoil site
- Grand Canal Muck Dredging – finalizing plans, specifications and bid package
- Mathers Bridge Area Muck Dredging – expanding data collection and project area
- Post-Irma Turkey Creek dredging - sediment analysis for experimental ‘vacuum’ under review
- Muck Finders – Milford Point is in contracting
- Huntington Pond - preliminary design scope developed
- Kingsmill-Aurora - getting second appraisal for land acquisition
- Brevard Zoo – Bomalaski Living Shoreline Oyster Reef
- Grass Clippings Outreach Study underway
- Coordinating “My Lagoon Story” videos with Citizens Oversight Committee members
- Developing a Story Map of all Save Our Indian River Lagoon Project Plan projects to post on the website
- Assisting with “A Day in the Life of the Indian River Lagoon” event for Brevard Public Schools
- Creating Frequently Asked Questions document for website and social media responses
- Living shoreline demonstration site video with Brevard Zoo
- Turkey Creek Collaborative video with Melbourne Tillman Water Control District and Palm Bay



### **MEETINGS THIS MONTH:**

July 12 – Brevard Zoo Volunteers Presentation: Brandon  
July 26 – Space Coast Young Republicans Indian River Lagoon Panel: Virginia and Anthony  
July 31 – West Melbourne Sylvan Drive Septic to Sewer - pre-sewer community meeting: Anthony  
August 1 – Indian River Lagoon Coalition Communications Meeting: Brandon  
August 7 – Eau Gallie Yacht Club Captains Meeting: Vinnie Taranto & Brandon  
August 7 – Septic Ordinance forum with Home Builders & Contractors Association of Brevard: Virginia & Anthony  
August 17 – University of Central Florida Launch of its National Center for Integrated Coastal Research: Team  
September 7 – Florida Stormwater Association Low Impact Development Seminar: Courtney  
September 9 – Space Coast Progressive Alliance Presentation: Brandon  
September 25 – Friends of St. Sebastian Presentation: Brandon

### **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:**

Marine Resources Council – Protecting Our Sacred Waters Seminar, August 14, 6:00 pm – 7:30 pm  
East Central Florida Regional Resiliency Action Plan Workshop for Elected Officials, August 20, 9:30am -11:30am  
Florida Institute of Technology – Indian River Lagoon Research Institute TechCon 2018, September 28, All Day  
Marine Resources Council – Sea Grass Nursery Project Brown Bag Lunch, October 2, 2018, 12:00 pm – 1:00pm  
2018 Lionfish Summit – October 2-4, 2018, Cocoa Beach; contact [lionfish@myfwc.com](mailto:lionfish@myfwc.com)

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

Brevard Zoo Restore Our Shores – Oyster Gardening Workshops, August 14, 2018, 6:00 pm – 7:00 pm  
Brevard Zoo Restore Our Shores – Oyster Reef Supply Moving, August 17, 2018, 9:00 am – 1:00  
Brevard Zoo Restore Our Shores – Oyster Gardening Workshops, August 22, 2018, 6:00 pm – 8:00 pm  
Marine Resources Council - Mangrove Planting, August 11, 25 & September 8, 9:00 am – 11:00 am  
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

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

1. Circulation Enhancement Opportunities for the Indian River Lagoon – Dr. Duane DeFreese, and Dr. Gary Zarillo
2. Engaging Emerging Technologies – Dr. Duane DeFreese, Indian River Lagoon National Estuary Program
3. De-Nitrification Science and Media – Dr. Marty Wanielista, University of Central Florida Local Vendors
4. Coordinating 10 years of Dredging and Spoil Management – Florida Inland Navigation District
5. Mechanical Dewatering of Muck and Harvesting of Aquatic Weeds
6. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
7. Scientific Peer Review of the Save Our Indian River Lagoon Project Plan and Recommended Updates
8. Indian River Lagoon Research News/Harbor Branch Symposium Highlights
9. Lagoon Fish and Fisheries