



Save Our Indian River Lagoon Project Plan September 2018 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Ordinance Drafted, Public Forums held, “OSTDS Pollution Potential Analysis: Final Report”
- Brevard Zoo – Completed the Bomalaski Oyster Reef Construction completed
- Marine Resources Council –Completed the Lagoon House Living Shoreline Planting
- Executed contract with University of Central Florida for Oyster and Planted Shoreline Monitoring Services
- Muck Finders – Mullet Creek and Sykes Creek Phase II maps complete
- Post-Irma Turkey Creek dredging experimental ‘vacuum’ – sediment analysis completed, organics reduced
- Contract Performance Table and Project Process Timeline was updated
- Provided contracts, invoices and payment verification documents for internal financial audit

WORK UNDERWAY THIS MONTH:

- Permanent Septic Ordinance public hearings: Building Contractors Advisory Committee September 12th; Planning & Zoning Sept 17th; County Commission hearings on Sept 25th and October 9th
- Checking septic to sewer and septic upgrade priorities using model results from septic ordinance study
- Mims Muck Dredging and Outflow Treatment - dredging resumed, Florida Tech research underway
- Cocoa Beach - Muck Dredging contract is 40% complete
- Sykes Creek Muck Dredging – Negotiating Scope of Work for “Phase 1” using Kiwanis Island spoil site
- Muck Dredging Master Permit - initial seagrass and bathymetric survey work underway for Titusville
- Grand Canal Muck Dredging – Temporary Use Authorization Public Hearing on September 18th
- Mathers Bridge Area Muck Dredging – scoping expansion of data collection and project area
- Palm Bay - North Region Water Reclamation Facility – upgrade design is underway
- Titusville - St. Teresa & La Paloma – 90% design underway
- Titusville - South Street has entered procurement process
- Sykes Creek Zones M & T – Soil & groundwater surveying in progress
- Sykes N Septic-to-Sewer – Received 90% design; returned edits to engineer for amendments
- South Central C Septic-to-Sewer – Locations of lift stations approved by HOA; design underway
- Homeowner Grant Program – refining templates for septic to sewer, lateral repairs and septic upgrades
- Church Street Baffle Box contract under review
- Crane Creek M-1 Flow Restoration contract under review
- Huntington Pond, Flounder and Johns Rd Stormwater Projects - design underway
- Kingsmill-Aurora – appraisals complete, preparing Board request for approval of land purchase
- Grass Clippings Outreach Study underway
- 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
- “My Lagoon Story” videos with Citizens Oversight Committee members
- Living shoreline demonstration site video with Brevard Zoo
- Turkey Creek Collaborative video with Melbourne Tillman Water Control District and Palm Bay
- County Resolution Requesting State Assistance Investigating Per and Poly Fluoroalkyl Substance Pollution
- Working on fiscal year close out and preparing for new fiscal year start up



MEETINGS THIS MONTH:

August 17 – University of Central Florida Launch of its National Center for Integrated Coastal Research: Team
September 5 – A Day In the Life of the Indian River Lagoon Planning Meeting: Brandon
September 7 – Florida Stormwater Association Low Impact Development Seminar: Courtney
September 9 – Space Coast Progressive Alliance Presentation: Brandon
September 13 – Riverwalk Park Homeschool Supply Swap: 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:

Coastal Cleanup – September 15, <https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/>
National Estuaries Week – September 15-22, <https://www.estuaries.org/national-estuaries-week>
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, Cocoa Beach; contact lionfish@myfwc.com
Sea A Difference – A Day In the Life of the Indian River Lagoon, October 4, <https://seadifference.org>
Sharing Our Research with Everyone (ShORE) Symposium, November 30, <http://www.daytonastate.edu/shore/>

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo Restore Our Shores – Adopt a Mangrove, September 26, October 9, 2018, Various Times
Marine Resources Council - Mangrove Workshop, October 6 & November 3, 2018, 9:30 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, 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. Collaboration with Tourism Development Tax Indian River Lagoon Grant Program
3. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
4. Innovative Stormwater Treatment and Harvesting of Aquatic Weeds
5. Scientific Peer Review of the Save Our Indian River Lagoon Project Plan and Recommended Updates
6. Coordinating 10 years of Dredging and Spoil Management – Florida Inland Navigation District
7. Mechanical Dewatering of Muck
8. Indian River Lagoon Research News/TechCon, ShORE, and Harbor Branch Symposium Highlights
9. Lagoon Fish and Fisheries