



Save Our Indian River Lagoon Project Plan October 2018 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Ordinance approved County-wide with unanimous County Commission vote
- Grand Canal Muck Dredging – Temporary Use Authorization and Bid Advertisement approved
- Post-Irma Turkey Creek Dredging – Documents submitted for 87.5% reimbursement
- Muck Dredging Master Permit - initial seagrass and bathymetric survey field work completed for Titusville
- Kingsmill-Aurora Stormwater - appraisals approved by Land Acquisition Review Committee
- Flounder and Johns Rd Stormwater Projects - designs complete
- Homeowner Grant Program –templates complete for septic to sewer, lateral repairs and septic upgrades
- Dashboard thermometer images revised to add funds spent, projects underway and projects complete

WORK UNDERWAY THIS MONTH:

- Prioritizing Septic to Sewer and Septic Upgrades using model results from the septic ordinance study
- Discussing a partnership with industry and the state to test innovative septic technology in Brevard
- PFAS assessment of groundwater, muck, and lagoon surface waters underway
- Mims Muck Dredging and Outflow Treatment - dredging continues, Florida Tech research underway
- Cocoa Beach - Muck Dredging contract is approximately 43% complete
- Grand Canal Muck Dredging – finalizing bid package for advertisement
- Muck Dredging Individual Permits – site visit with state permit staff for Eau Gallie area of Indian River
- Sykes Creek Muck Dredging –“Phase 1” seagrass survey and final design of spoil site under way
- Muck Dredging Master Permit - initial seagrass and bathymetric survey work underway for Rockledge
- Muck Finders – Milford Point NTP issued, sampling to occur this month
- Palm Bay - North Region Water Reclamation Facility – upgrade design is underway
- Sykes Creek Zones M & T – Soil & groundwater surveying complete, design underway
- Sykes N Septic-to-Sewer –design underway for expanded project area
- South Central C Septic-to-Sewer – Survey complete, preliminary design underway
- Titusville - South Street bid awarded, construction to begin this quarter
- Titusville - St. Teresa and La Paloma – 95% design underway
- Huntington Pond Stormwater Project - design underway, over 90% complete
- Stormwater Basins 1349 and 1409 – design scopes requested for denitrification projects
- Kingsmill-Aurora – preparing request for County Commission approval of land purchase
- Crane Creek M-1 Flow Restoration - contract template revised and submitted for signatures
- Cocoa Church Street Baffle Box contract submitted to city for signatures
- Grass Clippings Outreach Study underway
- Developing a Story Map of all Save Our Indian River Lagoon Project Plan projects to post on the website
- Creating Frequently Asked Questions document for website and social media responses
- Filming “My Lagoon Story” videos with Citizens Oversight Committee members
- Arranging Living Shoreline Demonstration Site video and Oyster Monitoring Video with Brevard Zoo
- Turkey Creek Collaborative video with Melbourne Tillman Water Control District and Palm Bay
- UCF Monitoring – Bomalaski oyster reef, Lagoon House and Cocoa Beach Country Club shoreline plantings
- Working on fiscal year close out, audit verification documentation and purchase orders for new fiscal year



MEETINGS THIS MONTH:

September 25 – Friends of St. Sebastian Presentation: Brandon
September 27 – Intergovernmental Coordination Meeting with Municipalities, NASA/KSC and Air Force: Team
September 29 – Erin Brockovich Community Meeting on Water and Public Health: Virginia
September 28 – FIT Indian River Lagoon Research Institute TechCon Presentations: Virginia, Walker, Anthony
October 2-4 – 2018 Lionfish Summit: Brandon
October 9 – Florida Sport Fishing Association: Brandon
October 25 – Cocoa Beach Regional Chamber of Commerce - Convention and Visitors Bureau Power Lunch: Virginia
November 5 – North Merritt Island HOA: Walker
February 12 – East Merritt Island HOA: Brandon
February 18 – Christian Women Business Association: 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:

Restore Our Shores Living Shoreline Q & A, October 23 <https://restoreourshores.org/volunteer-we-need-you/>
Sharing Our Research with Everyone (ShORE) Symposium, November 30, <http://www.daytonastate.edu/shore/>
Diamond Back Terrapin Working Group: Florida Regional Meeting, February 8, contact Joe Butler jbutler@unf.edu

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo Restore Our Shores – Adopt a Mangrove, November 1, 2018, 5:00 pm – 6:00 pm
And Reef Monitoring, October 19 & 20, <https://restoreourshores.org/volunteer-we-need-you/>
Marine Resources Council - Mangrove Workshop, 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 De Freese, and Dr. Gary Zarillo
2. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
3. Innovative Stormwater Treatment and Harvesting of Aquatic Weeds
4. Scientific Peer Review of the Save Our Indian River Lagoon Project Plan and Recommended Updates
5. Coordinating Dredging and Spoil Management with Florida Inland Navigation District
6. Mechanical Dewatering of Muck and Methods for Stripping Nutrients from Interstitial Water
7. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
8. Completed and Ongoing Muck Research – Florida Tech and Ocean Research Conservation Association
9. Lagoon Fish and Fisheries
10. A Day in the Life of the Indian River Lagoon Summary – Missy Weiss