Save Our Indian River Lagoon Project Plan
December 2019 Progress Report

WORK COMPLETED THIS MONTH:

• Board of County Commissioners appointed Jay Moynahan to the Real Estate Member seat
• 61 new project applications were submitted to the Citizen Oversight Committee for funding recommendations - 2 Wastewater Treatment Facility Upgrades, 26 Septic Removals, 5 Sewer Lateral Rehabs, 13 Stormwater, 1 Muck Removal, 1 Interstitial Water Treatment, 5 Oyster Reefs, 6 Living Shorelines, and 2 Vegetative Harvesting Project. These projects total $176 Million with $119 Million of potential Lagoon Trust Fund Eligibility.
• Cone Road Septic-to-Sewer – State approved the County’s new lines. Letters were sent to the property owners notifying them of the 365-day deadline for abandoning their septic and connecting to sewer.
• Titusville Coleman Pond Managed Aquatic Plant Systems – installation complete
• Titusville South Street, St Teresa, and La Paloma Baffle Boxes – installation complete
• Grand Canal Muck Dredging – dredging paused for manatee closure period, continuing to collect dredge waivers from homeowners, and seeking permission to add the Berkeley Canal to the permit
• Cocoa Beach Muck Dredging – Phase IIb Dredged Material Management Area is complete
• University of Central Florida researchers conducted monitoring at 2 oyster sites
• Derelict Vessels – 5 additional derelict vessels removed
• Sykes Creek Zones N Septic-to-Sewer – 2nd iteration of Right of Way permit comments sent to engineer
• Merritt Island Muck Dredging – state and federal permits issued
• “Tell Us What You Think” survey closed on December 2nd. Data analyzed for December 13th meeting
• Video production bid for 3 years with 2 renewal options was advertised and opened December 2nd

WORK UNDERWAY THIS MONTH:

• Revisiting fertilizer retail facilities to check compliance with signage ordinance
• Palm Bay North Region Water Reclamation Facility - design and permitting complete, bid is posted
• Beaches Leaking Sewer Laterals – 15 repairs complete; ordinance tabled that might mandate repairs
• South Central C Septic-to-Sewer – awaiting 90% design and sketch and descriptions for land acquisition
• Sykes Creek Zone M and T - reviewing 30% design, discussing powerline & pole relocates with FPL
• Titusville Septic to Sewer - contract out for signatures
• West Melbourne Sylvan Estates Septic to Sewer - construction has started
• Micco Sewer Service Extension – grant scope and responses to agency permit questions underway
• Johns Road and Flounder Creek - permitting underway; bid documents being prepared
• Basin 1409 and 1349 – permitting and easement acquisition underway
• Cocoa Beach Muck Dredging - Phase III is ~96% complete
• Sykes Creek Muck Dredging – Phase I bid being finalized by Purchasing
• Titusville Railroad Bridge East and West – Bathymetric and muck survey data being evaluated
• NASA Causeway East – Bathymetric and muck survey data being evaluated
• Mathers Bridge Area Muck Removal – Additional Survey data being collected
• Story Map – working on a new layer to show reclaimed water areas and their nutrient content
• Brevard Zoo CIRL Oyster Project – design completion; permitting and material preparation underway
PRESENTATIONS THIS MONTH:
November 7 – Florida’s Surface Water Quality Standards Public Workshop – Virginia
November 9 – Indian River Lagoon Day – Brandon & Terri
November 12 – Oyster Restoration Permit Coordination Meeting – Virginia & Jenny
November 20 – Florida Oceans Alliance Workshop – Virginia & Dr. Windsor
November 23 – FAU Harbor Branch Lagoon Tour at Barrier Island Center – Brandon
November 25 – Indian River Lagoon Research Institute Quarterly Lagoon Research Workshop - staff
December 3 - Lagoon and Lagers, Intercoastal Brewing Company – Brandon & Terri

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:
2/13-14, Indian River Lagoon Symposium http://www.indianriverlagoon.org/symposium.html
12/14, Satellite Beach Composting Workshop https://www.facebook.com/GoGreenSB

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:
Brevard Zoo – Oyster Reef Monitoring, 12/7 - 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 – Brown Bag Lunch: North Atlantic Right Whale Update, 12/3
Lagoon Watch, Mangrove, or Lagoon Literacy - https://savetheirl.org/volunteer/

WEBSITE AND SOCIAL MEDIA LINKS:
Outreach and Engagement Landing Page: https://lagoonloyal.com/
Website: http://www.brevardfl.gov/SaveOurLagoon
Facebook: https://www.facebook.com/BrevardCountySaveOurLagoon;
Instagram: https://www.instagram.com/saveourlagoon/
YouTube: https://goo.gl/GBh6xU

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:
1. A Day in the Life of the Indian River Lagoon – Missy Weiss
2. Water Less with St Johns River Water Management District – Dr. Jennifer Mitchell
3. Tourism + Lagoon grant projects – Using Super Clams for Restocking Efforts
4. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
5. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
7. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
8. Completed and Ongoing Muck Research – Florida Tech Research Initiative & Dr. Drew Palmer
9. Coordinating Spoil Management with Florida Inland Navigation District
11. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
13. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation- Gybe
14. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
15. Low Impact Development – Local examples
16. Project Monitoring Results
17. Package Plants