



Save Our Indian River Lagoon Project Plan August 2019 Progress Report

WORK COMPLETED THIS MONTH:

- Quality Assurance Plan submitted to Florida Department of Health for testing septic drainfield media
- Titusville - Coleman Pond Floating Aquatic Plant Installation is complete
- Grand Canal Muck Dredging – Broke ground for turn lane construction and dewatering area
- Kilroys - 3 of 4 monitoring stations installed and operational (<http://api.kilroydata.org/public/>)
- University of Central Florida researchers conducted monitoring at 3 oyster sites
- University of Central Florida contracted for 2nd year of Living Shoreline Monitoring
- Derelict Vessels – 4 additional derelict vessels removed
- Videos – Turkey Creek Watershed
- Audit on capital project and municipal grant processes

WORK UNDERWAY THIS MONTH:

- Interviewing 8 of 36 applicants for the vacant staff position
- County Commission agenda for appointing a replacement for the Real Estate Member seat
- Education, Outreach and Public Engagement - "LagoonLoyal.com" has enlisted over 40 businesses
- Adding completed projects layer to the Story Map posted at www.brevardfl.gov/SaveOurLagoon/maps
- Cocoa Beach - Water Reclamation Facility Upgrades contracts complete, notice to proceed given 6/11.
- Beaches Leaking Sewer Laterals – 3rd month of sampling completed for 8 participating property owners
- Printing Post Cards to notify owners eligible for grants to upgrade their septic or connect to sewer
- Sykes Creek Zones N Septic-to-Sewer – Utility Services approved final design
- Micco Sewer – Final design submitted, permit applications drafted, processing grant contracts
- South Central C Septic-to-Sewer – Utility Services finished 60% design review
- Sykes Creek Zone M and T- Consultant is finalizing 30% submittal
- West Melbourne - Sylvan Estates Amendment I for new cost share circulating for signatures
- Titusville - South Street Baffle Boxes installation 90% complete, La Paloma installation 60% complete, St Teresa construction contract awarded on 3/12, and Titusville High School Baffle Box 50% design
- Johns Road, Flounder Creek, Basin 1409 and 1349 have begun the permitting process
- Kingsmill-Aurora Phase II task order was executed and design has begun
- Performance monitoring is underway for Central Boulevard and Church Street Baffle Box upgrades
- Cocoa Beach - Muck Dredging Phase III contract is approximately 87% complete
- Cocoa Beach - Muck Dredging Phase IIb contracts complete, spoil site being prepared currently
- Grand Canal Muck Dredging – continuing to collect dredge waivers, seeking permit to add Berkeley
- Sykes Creek Muck Dredging – Phase I bid document revisions underway
- Merritt Island Muck Dredging – Response to 2nd state Request for Additional Information underway
- Mathers Bridge Area Muck Removal – Surveying an expansion of the project area
- Brevard Zoo - Central Indian River Lagoon oyster permitting underway, Oliver & Eden Isles Withdrawn
- Filming videos - Lateral Line Repairs
- Department of Transportation and stakeholder meeting on causeway elevation over the Banana River
- Annual Intergovernmental Collaboration Meeting with review of Project Cost Share Request Process
- Drafting legislative priorities for 2020 and collaborative water policy initiatives



PRESENTATIONS THIS MONTH:

July 24 – Satellite Beach Sustainability Board – Brandon
July 29 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato
August 14 – Sebastian Inlet District Meeting = Walker and Brandon
August 22 – Oyster Gardening Workshop – Brevard Zoo and Matt Badolato
August 28-30 – Florida Lake Management Society Conference – Virginia, Anthony, Walker
September 11 – Sea Grant – Brandon and Anthony
September 13 – Tortoise Island Food Truck Event – Walker and Brandon
September 21 – Space Coast Communities Association – Anthony and Carlos Cuevas

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>

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

Crane Creek/M-I Canal Community Meeting, 3-6pm, 8/14; Rodes Park, Melbourne
Brevard Zoo Oyster Gardening Workshop, 8/22 & 9/9; Living Shoreline SOIRL Question and Answer, 9/24 -
<https://restoreourshores.org/volunteer-we-need-you/>
Marine Resources Council Brown Bag Lunch: Leave No Trace & the IRL 9/3 -
<https://savetheirl.org/brown-bag-lunch/>

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo Oyster Habitat Supply Making, 8/24 <https://restoreourshores.org/volunteer-we-need-you/>
Keep Brevard Beautiful- Family Causeway Cleanup, 9/5; International Coastal Cleanup, 9/21
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. Harvesting of Aquatic Weeds – Melbourne Tillman Water Control District, Patrick Air Force Base
2. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
3. New Enhanced Lagoon Circulation Research – Florida Tech Research Initiative
4. Low Impact Development – Local examples
5. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
6. Completed and Ongoing Muck Research – Florida Tech Research Initiative
7. Coordinating Spoil Management with Florida Inland Navigation District
8. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
9. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
10. Surface Water Remediation Technologies
11. Oyster histories in Brevard County - University of Central Florida
12. Project Monitoring Results
13. Package Plants