



Save Our Indian River Lagoon Project Plan May 2019 Progress Report

WORK COMPLETED THIS MONTH:

- \$500,000 Legislative Appropriation for Septic to Sewer match sent to Governor for approval
- Submitted Environmental Protection Agency 319(h) grant applications for septic-to-sewer projects totaling \$3,863,550.
- Fertilizer Notice to Consumers Ordinance adopted by the Board on May 7th. Distributing signs by June
- Education, Outreach and Public Engagement campaigns proposed by Marketing Talent Network to staff on 4/10
- Beaches Leaking Sewer Laterals - 11 property owners on board after 1 mailing and 3 site visits
- Grand Canal Muck Dredging – Selection committee recommended award to Gator Dredging
- Mathers Bridge Area Muck Removal – Work order executed for expansion of the project area
- City Point Living Shoreline (Indian River Drive) - Seagrass and mangrove surveys done, grant received
- University of Central Florida researchers conducted 3-month monitoring at Bettinger oyster site
- Derelict Vessels – 3 additional derelict vessels removed
- Cocoa Contract Amendment executed for Church Street Cost-Share Adjustment
- Fiscal Year 19-20 budget drafted to implement approved 2019 Plan Update
- Total Maximum Daily Load Credit Sharing Amendment signed by all cities, awaiting recording

WORK UNDERWAY THIS MONTH:

- Palm Bay - Wastewater Treatment Facility Upgrade design complete, setback variance approved
- West Melbourne - Sylvan Estates septic to sewer June permits, bid July/August bid, October 1 start
- Sykes Creek Zones N Septic-to-Sewer – Permit application being revised
- South Central C Septic-to-Sewer – Easement acquisition underway; working on 60% designs
- Micco Sewer Ext. – Awaiting final design submittal, submitted 2 grant applications
- Sykes Creek Zone M and T- Starting land acquisition for construction easements and dewatering
- Melbourne Pennwood Septic to Sewer - Forcemain 100% constructed, 1 home connected
- Melbourne Hoag Septic to Sewer - Forcemain 100% constructed, permitting first home connection
- Melbourne Riverside Septic to Sewer – Forcemain 50% constructed, 1 home connected
- Florida Department of Health Memorandum of Understanding drafted to test drainfield media
- Titusville - South Street Baffle Boxes installation 50% complete, La Paloma and St Teresa construction to begin this quarter, Coleman Pond and Titusville High contract going to Council May 14
- Water Management District - M-1/Crane Creek Rediversion design 50% complete, finishing permitting
- Cocoa Beach - Muck Dredging contract is approximately 73% complete
- Cocoa Beach - Water Treatment Facility Upgrade and Muck Dredging Phase IIb contracts being signed
- Sykes Creek Muck Dredging Phase 1 – Phase I bid document revisions underway
- Merritt Island Muck Dredging – Response to Florida Department of Environmental Protection Request for Additional Information underway
- Grand Canal Muck Dredging – seeking dredge waivers to remove muck close to docks and seawalls
- Brevard Zoo - Gitlin Oyster Bar construction late May. Site selection, success criteria and permit applications submitted for Eden Isles, Marina Isles, Coconut Point, Wexford, and Oliver sites
- University of Central Florida researchers conducting 9-month monitoring at 1 oyster & 2 planting sites
- Filming videos - Cocoa Beach Muck Dredging and Lateral Line Repairs
- Providing files for auditors to review capital project and municipal grant processes
- Fiscal Year 18-19 budget update to implement approved 2019 Plan Update



PRESENTATIONS THIS MONTH:

- May 15 – Waterfest Safe Boating and Hook Kids on Fishing – Carlos
- May 22 – Titusville Causeway Shoreline Stabilization Feasibility Study stakeholder meeting - Jane
- May 22 – Community Association Advisors for Management Professionals (CAAMP) panel on Indian River Lagoon – Anthony
- May 23 – Brevard Oyster Gardening Workshop – nutrient pollution, project plan and living shorelines – Jane
- June 3 – Lagoon Coalition Straight Talk Forum at Dixie Crossroads - Virginia

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:

- Brevard Zoo Living Shoreline Workshop, 5/13, Oyster Gardening Workshop, 5/23, 6/8, 7/13, 7/20, & 8/22 - <https://restoreourshores.org/volunteer-we-need-you/>
- Marine Resources Council Brown Bag Lunch Series - <https://www.facebook.com/events/1977228952399676/>

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

- Brevard Zoo– Supply Moving for Gitlin Reef Build, 5/15, Build 5/16 & 5/17; Youth Oyster Monitoring, 6/29 - <https://restoreourshores.org/volunteer-we-need-you/>
- Keep Brevard Beautiful Summer Series Cleanups, 6/15, 6/29, 7/13, & 7/27;
- 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. Nutrient Sources and Cycling in the Lagoon – Panel of University and Agency Research Scientists
2. Scoping and Smoke Testing of Sewage Collection Systems and Lateral Lines
3. Project Monitoring Results
4. Ongoing Research on Charismatic Critters of the Lagoon – Hubbs SeaWorld Research Institute
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. Lagoon Fish – Dr. Grant Gilmore, Dr. Jon Shenker, Captains Catino, Murphy, Ross, Rotne, and Wiggins
9. Water Technology Conference/Industry Day – Economic Development and Indian River Lagoon National Estuary Program
10. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
11. Surface Water Remediation Technologies
12. Oyster histories in Brevard County - University of Central Florida
13. Harvesting of Aquatic Weeds – Melbourne Tillman Water Control District, Patrick Air Force Base
14. Package Plants