



Save Our Indian River Lagoon Project Plan June/July 2018 Progress Report

WORK COMPLETED THIS MONTH:

- 320' of reef constructed, topped with garden oysters, at RiverView Sr. Center, Palm Bay
- Executed 3 project contracts for MRC Grass Clipping Campaign, Cocoa Beach Muck Dredging and West Melbourne Sylvan Estates Septic to Sewer
- Developed contract template to use for SOIRL projects performed by not-for-profit groups
- Amended Breeze Swept Monitoring to capture more data during rainy season
- Amended Groundwater Monitoring to include onetime test of PFOS/PFOA
- Micco Sewer Extension Project – Groundwater Monitoring wells installed, sampling has begun
- Survey completed for Kingsmill stormwater project
- Engineering Design Services Task Order completed for Huntington Pond stormwater project
- Muck dredging master permit - sites identified for initial state and federal permit applications
- Eau Gallie Area Muck Dredging – task order executed for design and permitting
- Created a SOIRL Project Process Timeline
- Posted Plankton Informational Video to Social Media
- FY 18-19 Budget has been submitted through the County Manager
- BCR Completed to add the plan updates and internal order numbers to the current budget
- Internal Order numbers have been assigned for tracking year 1 and 2 project expenses
- The Monthly financials form has been updated to reflect the plan updates

WORK UNDERWAY THIS MONTH:

- Limited, 150-Day Septic Moratorium – ArcNLET analysis of septic systems in progress
- Sykes N Septic-to-Sewer – 60% design underway
- South Central C Septic-to-Sewer – design & engineering underway
- Completed IRL Pollution Sources & Funding Solutions Spreadsheet (SOIRL & Utilities)
- Closing out internal order numbers that are no longer in use
- Preparing Homeowner Grant Program for septic to sewer, lateral repairs and septic upgrades
- Mims Muck Dredging and Outflow Treatment – dredging and FIT research underway
- Sykes Creek Muck Dredging – designing smaller “Phase 1” using Kiwanis island spoil site
- Grand Canal Muck Dredging – finalizing plans and specifications for going to bid
- Mathers Bridge Area Muck Dredging – expanding data collection and project area
- Post-Irma Turkey Creek dredging - sediment analysis for experimental ‘vacuum’ under review
- Muck Finders – Sykes Creek is probed, Mullet Creek is scheduled, Milford Point is in contracting
- Preliminary design scope developed for Huntington Pond
- Coordinating “My Lagoon Story” videos with COC members
- Developing a Story Map of all SOIRLPP projects to post on the website
- Assisting with “A Day in the Life of the Indian River Lagoon” event for Brevard Public Schools
- Creating FAQ document for website and social media responses
- Creating Muck DMMA Video and Palm Bay Bayfront Video



MEETINGS THIS MONTH:

June 8 - Attended the Regional Biosolids Symposium in Stuart: Virginia and Anthony
June 29 - WCAG 2.0 Compliance Training – Attended: Brandon
June 14 - South Central C Septic-to-Sewer – pre-sewer meeting held with the HOA: Anthony
June 24 - Cocoa J & K Septic-to-Sewer –pre-sewer meeting held with the community: Anthony
July 5 - Florida Today’s Isadora Rangel Interview on the SOIRLPP and progress: Virginia
July 31 – West Melbourne Sylvan Drive Septic to Sewer Community Meeting

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:

Marine Resources Council (MRC) – City of Satellite Beach Sustainability and Stewardship Brown Bag Lunch, July 21, 2018, 12:00 pm – 1:00 pm <https://mrcirl.org>
MRC – International Mangrove Day Celebration, July 26, 2018 <https://mrcirl.org>
MRC – IRL Report Card Release Brown Bag Lunch, August 7, 2018, 12:00 pm – 1:00pm
Indian River Lagoon National Estuary Program – 15th Annual IRL Photo Contest <https://onelagoon.org/>
2018 Lionfish Summit – October 2-4, 2018, Cocoa Beach; contact lionfish@myfwc.com

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard County Rain Barrel Workshop, July 21, 2018 for Fountainhead Stormwater Outreach at MRC
Zoo Restore Our Shores – Oyster Gardening Workshops, July 21, 2018 & August 22, 2018
Zoo Restore Our Shores – Adopt a Mangrove, July 31, 2018 & August 14, 2018
Keep Brevard Beautiful – Turkey Creek Kayak Cleanup, July 14, 2018, 8:00 am – 11:30 am
Keep Brevard Beautiful – Kelly Park Shoreline Cleanup, July 28, 8:00 am – 11:30am
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 AT COC MEETINGS:

1. A Day in the Life of the IRL, County-wide Public School Data Collection Event – Missy Weiss
2. Circulation Enhancement Opportunities for the IRL – Duane DeFreese (IRLNEP), Gary Zarillo (FIT)
3. Engaging Emerging Technologies – Duane DeFreese (IRLNEP)
4. Lagoon sediment toxicology – Drew Palmer (FIT) and ORCA
5. De-Nitrification Science and Media – Marty Wanielista (UCF Stormwater Academy), Local Vendors
6. Coordinating 10 years of Dredging and Spoil Management – FIND and NRM
7. Mechanical Dewatering of Muck
8. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
9. IRL Research News
10. Scientific Peer Review of the SOIRLPP and Recommended Updates