



Save Our Indian River Lagoon Project Plan February 2018 Progress Report

WORK COMPLETED THIS MONTH:

- 18 substitute projects received, reviewed and corrected; 4 complementing requests were paired with these applications to enhance project performance and increase partnership opportunities
- Potential cost share formulation developed for treating muck interstitial water during dredging
- Potential cost share formulation developed for planting shorelines with mangroves and Spartina
- Cost share formulation for oyster reef installation updated using Mosquito Lagoon results
- Expanded outreach campaign topics were selected and analyzed for cost effectiveness potential
- SOIRL 1st year accomplishments video filmed with Lorraine Koss
- 1 additional Titusville cost share contract fully executed
- 3 cost share contracts with Melbourne plus 3 with Titusville are circulating for signatures
- Facebook page updated with all previous COC meeting videos

WORK UNDERWAY THIS MONTH:

- Memo to cities regarding sewage overflow response and needs sent to cities with WWTPs
- Mims Muck Dredging and Outflow Treatment – dewatering site construction underway
- Turkey Creek Post-Irma muck removal FEMA project – dredging began January 23rd
- Muck dredging master permit – agency meetings, drafted support letters for elected official
- FL Legislative Requests to match FY 18-19 SOIRL funds reduced, but still being considered
- Site selection meeting held for the \$1M Groundwater Study funded by the Legislature
- Subset of Septic to Sewer project areas were selected for groundwater improvement monitoring
- SOIRL logo competition – working on parental permission form and website announcement
- Muck Finders – developing scope and work order to probe the Mullet Creek area
- Volunteer is producing on-line, map-based, living shoreline master plan
- Researching potential implications of new income tax bill on distribution of SOIRL funding
- Review of IRLRI muck research reports

MEETINGS THIS MONTH:

- City of Satellite Beach advertised COC attendance and participation at the Sustainability Summit
- Met with FIND Executive Director to discuss DMMA development priorities and schedule
- Multiple agencies and partners met to develop a Living Shorelines Course for marine contractors
- Participated in MRC's Lagoon Education and Social Marketing Committee meeting
- Indian River Lagoon Symposium at Harbor Branch – SOIRL table, speaking on Citizen Science
- County Commission Budget Workshop – presentation on SOIRL revenues and expenses
- Met with external auditors and attended County Audit Committee Meeting
- Will be presenting at FL Master Naturalist Program Habitat Evaluation Course on March 2nd
- Will be presenting at East Merritt Island Homeowners Association on March 13th



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:

February 15, 2018: Florida Friendly Landscaping Seminar

February 22, 2018: Special Preview of the 1st IRL Report Card, Gleason Auditorium, FL Tech

<https://www.eventbrite.com/e/special-preview-of-the-first-indian-river-lagoon-report-card-tickets-42577530540>

March 3, 2018: Art of Sustainability at Palm Bay City Hall. Free to the public.

March 3, 2018: Pelican Island Wildlife Festival. Free to the public.

March 6, 2018: Brownbag Lunch - Landscaping with Florida Native Plants, 12:00 pm – 1:00 pm, Ted Moorhead Lagoon House <https://www.facebook.com/events/221046795107364/>

April 7th 2018: Trash Bash county-wide organized by Keep Brevard Beautiful

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

- Oyster/Living Shoreline Projects - go to <http://restoreourshores.org/volunteer-we-need-you/>
- February 12, 2018, 8:00 am – 12:00 pm, Restore Our Shores - Invasive Plant Removal Restoration Site Prep, Rotary Park Suntree, https://restoreourshores.org/volunteer-we-need-you/volunteer-sign-ups/?sheet_id=116
- February, 16, 24, March 9, 17, and 31, 2018, 8:00 am – 12:00 pm, Restore Our Shores - Oyster Shell Bagging, <https://restoreourshores.org/volunteer-we-need-you/volunteer-programs/#volunteer-reef>
- February 22, 2018; 7:00 pm – 8:30 pm, Sierra Club/Restore Our Shores - Adopt a Mangrove Workshop, <https://www.facebook.com/events/346553072485677/>
- Lagoon Friendly Lawns – contact Kaylyn Palmer 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) Indian River Lagoon Comprehensive Conservation & Management Plan - Duane DeFreese (IRLNEP)
- 2) FDEP and City panel presentation on responses to emergency release of sewage
- 3) Groundwater Pollution Research Plan – MRC and Applied Ecology
- 4) Re-use water – Nutrient loading impacts and opportunities
- 5) De-Nitrification Science – UCF Stormwater Academy
- 6) Coordinating 10 years of dredging and spoil management – FIND and NRM
- 7) Mechanical Dewatering of Muck
- 8) Lagoon sediment toxicology – FIT and ORCA
- 9) Engaging emerging technologies – Duane DeFreese (IRLNEP)