



## Save Our Indian River Lagoon Project Plan October 2017 Progress Report

### WORK COMPLETED THIS MONTH:

- Save Our Indian River Lagoon Trust Fund Budget for Fiscal Year 17-18 was adopted on September 26<sup>th</sup>
- Save Our Indian River Lagoon positions - 4 filled, 5<sup>th</sup> starts October 23<sup>rd</sup>, 6<sup>th</sup> position on hold to analyze needs
- Verified that Ground Penetrating Radar is not yet sufficiently accurate to find veins of rapid groundwater movement
- Contracts with Cape Canaveral, Indian Harbour Beach, Melbourne, Palm Bay and Titusville
- Rockledge Breeze Swept septic to sewer project has connected 104 homes
- Mims Muck Dredging and Outflow Treatment start was delayed by Hurricane Irma
- Sykes Creek Dredging request for proposals advertised. Bids due December 6<sup>th</sup>.
- Design Engineers selected for Sykes M and Central C Septic to Sewer projects
- \$1M grant funded groundwater research contracted with Marine Resources Council

### WORK UNDERWAY THIS MONTH:

- Working with cities to get Year 2 and 3 projects contracted to begin design early
- Puget Sound Water Quality Management Plan - research ongoing
- Irrigation well water quality test kits – research ongoing (threshold and accuracy limits)
- Requested outreach priorities from outreach specialists and researched grass clipping campaigns
- Design is underway for the Sykes T (Horti Point, Merritt Island) sewer expansion
- Preliminary design is nearly complete for the Micco septic to sewer project
- Brevard Zoo is looking to grow their strengths for the living shoreline goals of the Save Our Indian River Lagoon Project Plan
- Muck dredging master plan scope revisions
- Working on Florida Legislative Funding Request strategy for the coming session
- Review of more 2<sup>nd</sup> year Indian River Lagoon Research Institute muck research reports

### MEETINGS THIS MONTH:

- The list of Year 0 and Year 1 Save Our Indian River Lagoon Projects was presented at the Brevard Legislative Meeting on September 20<sup>th</sup>. Many cities and other organizations highlighted the importance of Legislative support for lagoon projects, programs and policies.



- Virginia Barker received a Space Coast Public Service Award for Lagoon restoration efforts
- Florida Department of Environmental Protection held a Lagoon Impairment Assessment workshop on September 27<sup>th</sup>
- Substitution Project Workshop/Training was held on October 12<sup>th</sup>.
- Indian River Lagoon National Estuary Program Council meeting on October 13<sup>th</sup>
- Save Our Indian River Lagoon progress presented at October 14<sup>th</sup> South Brevard Historical Society meeting
- Presentation to Representative Randy Fine about alternative septic systems on October 19<sup>th</sup>
- Oyster reef construction at Geiger Point
- Guest on Captain Jim Ross Catch A Memory Talk Radio September 30<sup>th</sup>
- Presenting Save Our Indian River Lagoon Project Plan at American Shore and Beach Preservation Conference on October 26<sup>th</sup>
- Monthly muck research updates with Florida Tech Indian River Lagoon Research Institute Principal Investigators

#### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

Oyster/Living Shoreline Projects - go to <http://restoreourshores.org/volunteer-we-need-you/>

Muck Finders - contact Jared McNally, [jared@mrcirl.org](mailto:jared@mrcirl.org), at the Marine Resources Council

#### **FUTURE TOPICS FOR SPECIAL PRESENTATIONS AT CITIZEN OVERSIGHT COMMITTEE MEETINGS:**

- 1) Groundwater Pollution Research Plan – Marine Resources Council and Applied Ecology
- 2) Coordinating 10 years of dredging and spoil management – Florida Inland Navigation District and Natural Resources Management
- 3) Re-use water
- 4) Lagoon sediment toxicology – Florida Tech and Ocean Research & Conservation Association
- 5) De-Nitrification Science – University of Central Florida Stormwater Academy
- 6) Engaging emerging technologies – Duane DeFreese (Indian River Lagoon National Estuary Program)
- 7) Indian River Lagoon Comprehensive Conservation & Management Plan – Duane DeFreese (Indian River Lagoon National Estuary Program)

**Schedule for Year 2 Substitute Projects:**

<b>Substitution Project Type</b>	<b>Submittal Deadline</b>	<b>2 weeks for Committee Review</b>	<b>Committee Meeting</b>	<b>Commission Review</b>
<b>Stormwater</b>	December 18, 2017	January 5-19, 2018	January 19, 2018	March 13 or 20, 2018
<b>All Others</b>	January 22, 2018	February 2-16, 2018	February 16, 2018	March 13 or 20, 2018