



Save Our Indian River Lagoon Project Plan November 2017 Progress Report

WORK COMPLETED THIS MONTH:

- Rockledge Breeze Swept septic to sewer project finished all connections by November 10th
- Mims Muck Dredging and Outflow Treatment Notice to Proceed was issued November 3rd
- Sykes Creek Dredging pre-bid meeting was Nov 2nd. Bids are due December 6th
- Muck finders field campaign was completed in Newfound Harbor on November 8-9th
- Preliminary design is complete for the Micco Septic to Sewer project
- Cost share contracts with Indian Harbour Beach and Palm Bay sent out for signatures
- Scopes of Work for all Year 1 projects requested from municipalities
- 1st Internal Audit of the Save Our Indian River Lagoon Half Cent Sales Tax
- Social Media Sites are now live at
 - Facebook: <https://www.facebook.com/BrevardCountySaveOurLagoon/>;
 - Instagram: <https://www.instagram.com/saveourlagoon/>
 - YouTube: <https://goo.gl/GBh6xU>
- Researched Alachua County grass clipping campaign
- Recalculated Substitution Cost Shares per Board and Citizen Oversight Committee direction

WORK UNDERWAY THIS MONTH:

- Analysis of potential to use the Lagoon Trust Fund to help address sewage overflow issues
- Developing Scopes of Work for design of Sykes M and Central C Septic to Sewer projects
- Muck dredging master plan task order submitted for County Commission approval November 21st
- Turkey Creek Post-Irma muck removal FEMA project submitted for County Commission approval November 21st
- FL Legislative Funding Requests amounting to \$55M submitted for the coming session
- Outreach Request for Proposals revised to emphasize the use of community-based social science
- Monitoring wells at Long Point Park are being installed to measure the effectiveness of the denitrification barrier installed around the effluent percolation pond
- Puget Sound Water Quality Management Plan – research ongoing



- Irrigation well water quality test kits – research ongoing (threshold and accuracy limits)
- Review of final 2nd year IRLRI muck research reports

MEETINGS THIS MONTH:

- \$1M grant funded groundwater research Kick-off Meeting with MRC November 8th
- Audit Committee November 1st
- Presented Save Our Indian River Lagoon Plan at American Shore and Beach Preservation Conference on October 26th
- Multiple oyster reef construction days led by Brevard Zoo at Geiger Point, Melbourne Causeway
- Monthly muck research updates with Florida Tech Indian River Lagoon Research Institute Principal Investigators
- Exploration of project opportunities with Melbourne Tillman Water Control District

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, 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) Re-use water – Nutrient Loading Impacts and Opportunities
- 3) Lagoon sediment toxicology – Florida Tech and Ocean Research & Conservation Association
- 4) De-Nitrification Science – University of Central Florida Stormwater Academy
- 5) Coordinating 10 years of dredging and spoil management – Florida Inland Navigation District and Natural Resources Management
- 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:

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