



Save Our Indian River Lagoon Project Plan December 2017 Progress Report

WORK COMPLETED THIS MONTH:

- Muck dredging master permit task order approved by County Commission November 21st
- Turkey Creek Post-Irma muck removal Federal Emergency Management Agency project approved by Commission November 21st
- Oyster reef construction at Geiger Point, Melbourne Causeway was completed on November 20th
- Mims Muck Dredging and Outflow Treatment - dredge pipeline and equipment mobilized
- Sykes Creek Dredging Bids are due December 20th
- Muck Finders data review favorable for Mathers area; incomplete in deeper areas of Sykes Creek
- Indian Harbour Beach cost share contract is fully executed
- Cost share contracts with Palm Bay, Melbourne and Titusville signed by County and sent to cities
- Website updated with Progress Reports, Financial Reports and Audit Report
- Videos of oyster reef construction and septic upgrade pilot project posted on social media
- Puget Sound - Water Quality Management Plan and website reviewed. Puget Sound staff have offered to answer questions, review the Save Our Indian River Lagoon Plan and provide feedback from their experience
- Irrigation well water quality– test kits research completed, now considering probes
- Checklist drafted for use during review of Substitute Project Funding Requests

WORK UNDERWAY THIS MONTH:

- Florida Legislative Funding Requests exceeding \$55M are being considered by Senator Mayfield
- Florida Legislative Funding Requests exceeding \$35M were filed as House bills
- Legacy Florida 2.0 filed in House requesting \$50M for lagoon projects
- 60% design is underway for the Micco Septic to Sewer project
- Research on local governments programs to reduce privately owned leaking laterals
- Options to address sewage overflows discussed by County Commissioners on December 5th
- Design task orders issued for 3 County stormwater treatment projects



- Negotiating Scopes and Cost for design of Sykes M and Central C Septic to Sewer projects
- Outreach Request for Proposals shared with municipalities for review and comment
- Researching website layouts, mapping software and infographics to use on dashboard/scoreboard
- Monitoring has begun at Long Point Park denitrification barrier around effluent percolation pond
- Bio-solids research is underway. House Bill filed to stop open air drying in St Lucie
- Review of Indian River Lagoon Research Institute muck research reports

MEETINGS THIS MONTH:

- Monthly muck research updates with Florida Tech Indian River Lagoon Research Institute Principal Investigators
- Save Our Indian River Lagoon progress presented at Space Coast League of Cities on November 13th
- Cocoa Beach Muck Dredging Phase III Media Event on November 30th
- Save Our Indian River Lagoon staff participated in oyster reef construction at Geiger Point
- Save Our Indian River Lagoon shared Blue Life booth at Ocean Reef Festival on December 2nd

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 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 Navigational District and Natural Resources Management
- 6) Mechanical Dewatering of Muck
- 7) Indian River Lagoon Comprehensive Conservation & Management Plan – Duane DeFreese (Indian River Lagoon National Estuary Program)
- 8) Engaging emerging technologies – 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