



Save Our Indian River Lagoon Project Plan April 2018 Progress Report

WORK COMPLETED THIS MONTH:

- 2018 Save Our Indian River Lagoon Project Plan - update approved by the County Commission
- Mid-year Budget Change Requests (BCR) submitted and approved by the County Commission recognized new revenue projections for the ½ cent sales tax
- Sewage discharge data from cities compiled into summary report and shared with Commission
- 2 Titusville and 3 Melbourne contracts completed
- 1 Palm Bay contract submitted to city for signatures
- 2 task orders completed for County stormwater projects
- 12 project monitoring wells contracted for monthly sampling plus 3 control site wells
- Federal Emergency Management Agency inspection of the Post-Irma Turkey Creek dredging project and Project Worksheet
- Met with United States Air Force to discuss coordinating Save Our Indian River Lagoon projects on Cape Canaveral Air Force Station and Patrick Air Force Base properties
- Created nitrogen loading infographic
- Save Our Indian River Lagoon Logo Contest completed - submittals shared with Vinnie Taranto
- Developed on-line public tool with mapped data and analysis for living shoreline applications
- Surveyed seagrass and mangroves for the 600 ft N. Indian River Dr. living shoreline project site
- Filed permits with Army Corp of Engineers and Florida Department of Environmental Protection for emergency aeration pilot project

WORK UNDERWAY THIS MONTH:

- Mims Muck Dredging and Outflow Treatment – dredging beginning this month
- Grand Canal Muck Dredging – finalizing plans and specifications for going to bid
- Mathers Bridge Area Muck Dredging – developing scope and work order for additional data collection and expansion of project area
- Eau Gallie Area Muck Dredging – developing scope and work order for design and permitting
- Muck Finders – finalizing scope and work order to probe the Mullet Creek area
- Post-Irma Turkey Creek dredging, sediment analysis for experimental ‘vacuum’ head



- Meeting with National Aeronautical Space Alliance (NASA) to discuss coordinating Save Our Indian River Lagoon projects on NASA property
- Muck dredging master permit meeting with United States Fish & Wildlife Service and Florida Fish and Wildlife Commission
- Coordinating watershed information video with Bayfront Project in Palm Bay
- Assisting with “A Day in the Life of the Indian River Lagoon” event for Brevard Public Schools
- Micco Sewer Line Extension Project – 90% design to be completed this month
- Developing a map of all Save Our Indian River Lagoon projects to post on the website
- Planning Waterfest Event for May 19th at Kiwanis Park, Merritt Island
- Helping to coordinate “A Day in the Life of the Indian River Lagoon” county-wide event for Indian River Lagoon data collection through Brevard Public Schools on October 4
- Budget development for FY 2018-2019 to implement the Save Our Indian River Lagoon 2018 Update
- Preparing Budget Change Request’s to start some 2018 additions to the plan during the current fiscal year

MEETINGS THIS MONTH:

- March 24 - Indian Landing Homeowners Association Meeting – Presenter: Brandon
- April 2 - North Merritt Island Homeowners Association Meeting – Presenters: Walker & Brandon
- April 13 - IRL Social Marketing Meeting at Marine Resources Council Lagoon House
- April 14, 2018 - Tortoise Island Block Party – Presenters: Walker & Virginia
- April 18, 2018 - A Day in the Life of the Indian River Lagoon – Presenter: Brandon
- April 24, 2018 - A Day in the Life of the Indian River Lagoon – Presenter: Brandon

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:

April 21, 2018: Marine Resources Council's Lagoon House Earth Day Celebration

May 19, 2018: Waterfest at Kiwanis Island Park. Free to the Public

June 8, 2018: Regional Biosolids Symposium, 8:00am - 4:00pm, 2400 SE Salerno Rd, Stuart, FL

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Fish Kill Response Cleanup: contact Desiree Lesko of Keep Brevard Beautiful at desiree.lesko.kbb@gmail.com or call 321-631-0501

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

April 21 & 27, 8:00am–12:00pm, Restore Our Shores - Oyster Shell Bagging

June 29 & 30, Restore Our Shores – Reef Building

To be an Oyster Gardener, contact Katey Leban at kleban@brevardzoo.org or 321-254-9453 ext 376

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 CITIZEN OVERSIGHT COMMITTEE MEETINGS:

- 1) Florida Department of Environmental Protection and City panel presentation on responses to emergency release of sewage
- 2) Fertilizer Retail Outlet Panel – invite major retail representatives
- 3) Groundwater Pollution Research Plan – Marine Resources Council and Applied Ecology
- 4) A Day in the Life of the Indian River Lagoon, County-wide Public-School data collection event – Missy Weiss, August
- 5) De-Nitrification Science – University of Central Florida Stormwater Academy
- 6) Coordinating 10 years of dredging and spoil management – Florida Inland Navigational District and Natural Resources Management
- 7) Mechanical Dewatering of Muck
- 8) Lagoon sediment toxicology – Florida Tech and Ocean Research & Conservation Association
- 9) Engaging emerging technologies – Duane DeFreese (Indian River Lagoon National Estuary Program)
- 10) Re-use water – Nutrient loading impacts and opportunities