



Save Our Indian River Lagoon Project Plan March 2018 Progress Report

WORK COMPLETED THIS MONTH:

- 2018 Save Our Indian River Lagoon Project Plan update drafted
- Post-Irma Turkey Creek dredging completed, including use of experimental ‘vacuum’ head
- Muck dredging master permit meetings held separately with U.S. Army Corp of Engineers and Florida Department of Environmental Protection
- 3 cost share contracts with Melbourne plus 2 with Titusville sent to cities for signatures
- 1 cost share contract with Palm Bay circulating for County signatures
- Sewage discharge data gathering memo sent to cities; awaiting replies
- 2 informational videos posted to social media – Long Point Well Monitoring and 2017 Summary
- Posting weekly Saturday Species Spotlights on Facebook using Smithsonian’s Indian River Lagoon Inventory
- Save Our Indian River Lagoon Logo Contest, due March 23, disseminated through Brevard Public Schools, Eastern Florida State College, Brevard Cultural Alliance, Facebook, etc
- Filmed Turkey Creek Dredge Material Management Area/Dredging video
- Environmental Protection Agency 319(h) grant application submitted for the Micco Sewer Line Extension Project

WORK UNDERWAY THIS MONTH:

- Mims Muck Dredging and Outflow Treatment – Dredge Material Management Area liner installation underway
- Post-Irma Turkey Creek dredging – compiling nutrient removal quantities, evaluating the efficacy of experimental ‘vacuum’ dredge attachment
- Brevard Septic User Survey funded by the Legislature drafted by University of Central Florida and edited by staff
- Muck Finders – developing scope and work order to probe the Mullet Creek area
- Volunteer is producing on-line, map-based, living shoreline master plan
- Coordinating watershed information video with Bayfront Project in Palm Bay
- Clipping individual presentations from Citizen Oversight Committee Meetings to post on-line
- 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
- Investigating use of a Kilroy station in Grand Canal to facilitate on-going Florida Tech research

MEETINGS THIS MONTH:

- February 21 - A Day in the Life of the Indian River Lagoon Informational Meeting
- February 23 - Marine Resources Council Report Card Sneak Peak - Presenter Brandon
- March 1 - Lagoon and Lagers - Presenter Virginia Barker, Tabling Brandon
- March 3 - Art of Sustainability - Information Table and Gyotaku Activity – Save Our Indian River Lagoon staff
- March 2 - FL Master Naturalist Program Habitat Evaluation Course - Presenter Brandon
- March 6 - Biosolid Digester Meeting with Gary Roderick
- March 9 – Indian River Lagoon Vulnerability Assessment Meeting with Randy Parkinson
- March 13 – East Merritt Island Homeowners Association - Presenter Brandon
- March 13 – Holy Trinity Environmental Club - Presenter Brandon
- April 2 – North Merritt Island Homeowners Association – Presenter Walker Dawson
- April 13 – Indian River Lagoon Social Marketing Meeting at Marine Resources Council Lagoon House

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 14, 2018: Tortoise Island Block Party, Free to the Public

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

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/>

March 9, 17, 24, 31, April 7, 21, & 27, 8:00am–12:00pm, Restore Our Shores - Oyster Shell Bagging. Multiple dates and other oyster related events in March and April. To be an Oyster Gardener, contact Katey Leban at kleban@brevardzoo.org or 321-254-9453 ext 376

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

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 Navigation 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