



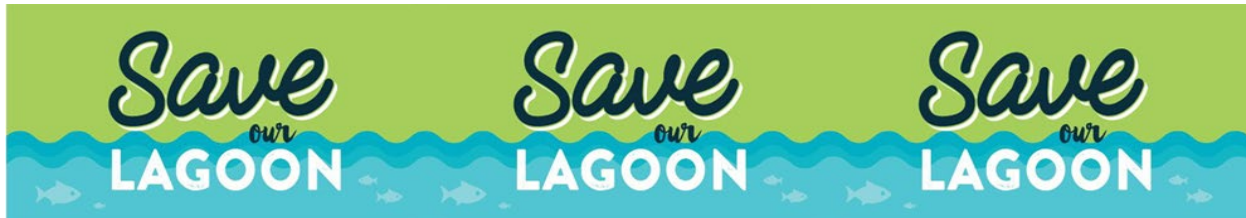
Save Our Indian River Lagoon Project Plan December 2018 Progress Report

WORK COMPLETED THIS MONTH:

- Mims Muck Dredging and Outflow Treatment – dredging complete!
- Eau Gallie Area Muck Removal – responded to permit questions from U.S. Fish and Wildlife Service
- Sykes Creek Muck Dredging Phase 1 - final design completed
- Merritt Island Muck Dredging –vibracores collected
- Muck Dredging Master Permit – seagrass survey reports completed for Titusville and Rockledge
- Perfluorinated compound results for groundwater, muck, and lagoon surface waters received
- Septic to Sewer prioritization by subdivision, package plant and septic upgrade complete

WORK UNDERWAY THIS MONTH:

- New Project Proposals reviewed, errors corrected: 15 Stormwater, 1 Waste Water Treatment Plant Upgrade, 1 Smoke Testing/Sewer Lateral Rehabilitation, 1 Muck Removal, 5 Living Shoreline projects
- 2019 Plan Update - data review, map updates and text edits underway
- Micco Sewer Ext. – Final design and state environmental and transportation permitting underway
- Sykes Creek Zones M & T – preliminary design underway
- Sykes N Septic-to-Sewer – design underway for expanded project area
- South Central C Septic-to-Sewer – 70% design complete
- Melbourne Riverview Septic to Sewer Contract out for signatures
- St. Johns River Water Management Crane Creek/M-1 Canal Rediversion Contract out for signatures
- Contracting underway for 6 municipal projects
- Beaches Leaking Sewer Laterals – coordinating next steps with Utility Services
- Developing agreement for testing innovative septic technology for the Florida Department of Health
- Stormwater Basins 1349, 1409, and 989 – negotiating design scopes for denitrification projects
- Huntington Pond – Preliminary design under review
- Kingsmill-Aurora – working on design scope and acquiring DOT pond
- Cocoa Beach - Muck Dredging contract is approximately 54% complete
- Muck Dredging Master Permit – meeting scheduled with State Historical Preservation Office
- Eau Gallie Area Muck Removal – final design underway
- Grand Canal Muck Dredging – developing dredge waiver database
- Mathers Bridge Area Muck Removal – scoping expansion of project area
- Merritt Island Muck Dredging – design underway
- Mullet Creek Muck Dredging – scoping of design underway
- Grand Canal Muck Dredging – finalizing bid package for advertisement
- Muck removal from Banana River Canals – site selection and preliminary design underway
- Muck Dredging Permits – collecting bathymetric data for Titusville and Rockledge
- Mathers Bridge Area Muck Removal – scoping expansion of project area
- Grass Clippings Outreach Study - survey complete; first draft of report received and reviewed
- Filming videos - “My Lagoon Story,” Living Shoreline Demonstrations, and Turkey Creek Watershed



PRESENTATIONS THIS MONTH:

December 1 – Ocean Reef Beach Festival: Brandon
December 6 – Florida Stormwater Association Winter Conference: Anthony
February 6 – NASA/FDEP Partnership Meeting –Anthony, Brandon, Courtney
February 12 – East Merritt Island HOA: Brandon
February 15 – Christian Women Business Association: 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:

Indian River Lagoon Symposium, Harbor Branch, February 7-8,
<http://www.indianriverlagoon.org/Symposium.html>
Diamond Back Terrapin Working Group: Florida Regional Meeting, February 8, contact Joe Butler
jbutler@unf.edu
Marine Resources Council Fertilizer, Yard Clippings, & Rain Barrel Education Workshop, February 10, contact
Steve Sharkey sharkeymrc@gmail.com
Managing Visitor Use in Coastal and Marine Protected Areas Training, February 20-21, contact Emily Dark
Emily.Dark@FloridaDEP.gov
Stormwater and Green Infrastructure Symposium, May 8-10,
<https://www.wef.org/events/conferences/upcoming-conferences/stormwater-and-green-infrastructure-symposium-2019/>

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo Restore Our Shores – Oyster Shell Bagging, December 14, 2018, 8:00 am – 12:00 pm,
<https://restoreourshores.org/volunteer-we-need-you/>
Lagoon Friendly Lawns – contact Kaylyn Palmer of Keep Brevard Beautiful at 321-631-0501
Fish Kill Response Cleanup: contact Desiree Lesko of Keep Brevard Beautiful at 321-631-0501
Muck Finders - contact Jared McNally, jared@mrcirl.org, at the Marine Resources Council
Marine Resources Council Lagoon Watch, Mangrove, or Lagoon Literacy program,
<https://savetheirl.org/volunteer/>

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. 2019 Proposed Plan Updates – Marcy Frick, Tetra Tech
2. Trust Fund Audits
3. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
4. Harvesting of Aquatic Weeds
5. Coordinating Dredging and Spoil Management with Florida Inland Navigation District
6. Mechanical Dewatering of Muck and Methods for Stripping Nutrients from Interstitial Water
7. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
8. Completed and Ongoing Muck Research – Florida Tech and Ocean Research Conservation Association
9. Lagoon Fish and Fisheries
10. A Day in the Life of the Indian River Lagoon Summary – Missy Weiss