



Save Our Indian River Lagoon Project Plan August 2022 Progress Report

WORK COMPLETED THIS MONTH:

- Smoke Testing complete - Homeowner grant requests arriving in response to code enforcement letters
- Sykes Creek Phase 1 Muck Dredging – Dredge Material Management Area construction complete
- Septic Upgrades – 4 more reimbursements processed for a total of 83 completed to date; 213 homeowner cost-share agreements executed
- University of Central Florida completed the 24-month monitoring of the Ahmed-Niland oyster bar and found an average of 63 oysters per bag with both growth (>60mm) and new recruits (<40mm).
- Derelict Vessels removed this month – 1
- Contracts Executed - West Melbourne's Lake Ashley Circle and Dundee/Manor Place, Titusville's Sand Point Park Baffle Box, and Sykes Creek M & T Septic to Sewer Vacuum Design contract executed
- Video Completed – McNabb Oyster Prism

WORK UNDERWAY THIS MONTH:

- 2023 Application Portal open August 1 - September 30
- South Central C Septic-to-Sewer – construction 40% complete; 135 of 147 homeowner connection grants contracted
- Micco Septic-to-Sewer – upsizing force main to accommodate the upcoming Micco B sewer project
- South Beaches O Septic-to-Sewer –contracting in progress
- South Beaches P Septic-to-Sewer –preparing for bid
- Survey, design, and engineering continue for 13 Brevard County septic-to-sewer projects
- Plumbing Services - Request for Qualifications is in review by Risk, Legal, and Purchasing
- Basin 79/Scottsmoor C & Basin 89/Scottsmoor I Stormwater Treatments – Construction has begun
- Basin 958 Pioneer Rd – Completing Right-of-Way application
- Basin 1066 Angel Ave – Adjusting Task Order to incorporate Public Works' needs
- Basin 1398 Sand Dollar – Vegetation harvesting is in the cue for this fall; Consultant meeting completed and stormwater treatment design proposal has been requested
- Basin 71 Flounder Creek – Awaiting updated plans with wrapped bio-activated media
- Basin 1387 Kingsmill-Aurora Phase II – Preliminary plan is complete; Modeling is underway to determine excavation depths needed
- Grand Canal Muck Dredging – Removed a total of 210,500 cubic yards to date
- Brevard Zoo Restore Our Shores – Construction underway of oyster bar at Castaway Cove
- Restore Our Shores Community Collaborative – Oyster broodstock delivered to aquaculture facility; scouting clam gardening sites; and beginning design for establishing a seagrass nursery
- Video progress – Smoke Testing and Fertilizer videos filmed and awaiting editing
- Contracts: Satellite Beach Lori Laine Project and Rockledge Equalization Basin Project contracts out for signature, and Satellite Beach Hedgecock/Grabowsky Fields contract and Cocoa Beach Muck Dredging Phase IIb Amendment in draft
- Providing documents, as requested, for the 2022 Audit



PRESENTATIONS THIS MONTH:

July 30 – BeachFly Ocean LegaSEA Fest – Brandon
September 24 – Rotary Park Back to Nature - Terri
October 29 – Merritt Island Wildlife Association - Terri

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

August 16 – Ocean Research and Conservation Association – [Lab Technique Training: Particle Analysis](#)
August 17 – Ocean Research and Conservation Association – [Land to Sea: Buffered and Living Shorelines](#)
August 25 – Ocean Research and Conservation Association – [Lab Technique Training: Pipetting & Dilutions](#)
October 6 – Ocean Research and Conservation Association – [A Day in the Life of the Indian River Lagoon](#)
October 20-21 – Marine Resources Council – [Low Impact Development Conference](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

August 19 – Ocean Research and Conservation Association – Fish Processing, email [Bridget](#) to register
August 22 – Ocean Research and Conservation Association – Fish Extractions, email [Bridget](#) to register
August 18-20 – Brevard Zoo’s Restore Our Shores – [Reef Building in Palm Bay](#)
September 17 – [International Coastal Cleanup](#)
Marine Resources Council super clam monitoring, storm drain marking in Melbourne, and Concrete Creations Program seeking volunteers – [Email Caity Savoia to register](#)
Rotary Park rain garden maintenance or storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

WEBSITE AND SOCIAL MEDIA LINKS:

[Lagoon Loyal Outreach and Engagement Landing Page](#)
[Save Our Indian River Lagoon Website](#)
[Save Our Indian River Lagoon Facebook](#)
[Save Our Indian River Lagoon Instagram](#)
[Save Our Indian River Lagoon YouTube](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. At Risk Vessel Removal Program
2. Stormwater Treatment Purpose, Design, and Performance
3. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
4. Surface Water Remediation Technologies
5. Nutrient Loading Impacts of Reclaimed Water
6. Project Performance Measurements and Cost-Effectiveness Results
7. Lagoon Projects - managed and funded by other agencies, entities or grant programs
8. Indian River Lagoon Research News: Conference, Symposium or Assembly Highlights
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Clam Restoration and Aquaculture Stimulus Projects
11. Microplastics and Herbicides in the Lagoon
12. Soil Guardians Program – Sally Scalera
13. Outreach and Engagement – County, Cities, non-profit organizations
14. Oyster Histories in Brevard County - UCF
15. Isotope Studies