



Save Our Indian River Lagoon Project Plan July 2022 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Upgrades - 8 reimbursements processed since June for a total of 79 completed to date; 204 homeowner cost-share agreements executed
- Quick Connects to Sewer - 40 reimbursements processed to date; 56 homeowner cost-share agreements executed
- University of Central Florida provided an assessment of filter feeder recruitment across 10 monitored oyster bars finding the presence of ribbed mussels, barnacles, ascidians, and encrusting bryozoans and sponges at all locations enhancing the natural filtration capacity of the oyster bars.
- Video Completed – Lagoon Clarity Video

WORK UNDERWAY THIS MONTH:

- City of Melbourne Grant St Water Reclamation Facility - awaiting site plan approval before going to bid
- South Central C Septic-to-Sewer – construction 35% complete as of mid-June; 82 of 140 homeowner connection grants contracted
- Smoke Testing - Barrier Island complete; Barefoot Bay service area underway; Merritt Island next
- Micco Septic-to-Sewer – adding the Micco Road spur to the project
- South Beaches O Septic-to-Sewer – Notice of Award sent to contractor; contracting in progress
- Survey, design and engineering continues for 13 Brevard County septic-to-sewer projects
- Sykes Creek M & T - Design task orders routed for signature
- Sykes Creek N – in permitting; design being updated to address Right-of-Way permit requirements
- Plumbing Services - Request for Qualifications drafted
- City of Melbourne Grant Place Baffle Box - under construction
- Basin 79/Scottsmoor C & Basin 89/Scottsmoor I Stormwater Treatments – Awarded for construction but awaiting material supply delivery confirmations to determine the construction start date
- Basin 958 Pioneer Rd – Negotiating Grant Agreement with St Johns River Water Management District
- Basin 1066 Angel Ave – Consultant is updating Task Order with adjustments for Public Works' needs
- Basin 1398 Sand Dollar – Scheduling a design meeting with consultant
- Basin 71 Flounder Creek – Awaiting updated plans with wrapped bio-activated media
- Sykes Creek Phase 1 Muck Dredging – Dredge Material Management Area construction still in progress
- Grand Canal Muck Dredging – Removed a total of 193,000 cubic yards to date
- Merritt Island D2 Muck Dredging - [30% design plans for the Nandivada site have been submitted](#)
- Canaveral South Muck Dredging - Muck thickness contours and volume calculations complete.
- City of Cocoa Beach McNabb oyster bar – deployment underway
- Brevard County Seagrass Restoration Protocol – addressing comments from collaborating agencies
- Video progress – McNabb Oyster Prisms Filmed, awaiting edits; Smoke testing scheduled for August
- Contracts: Satellite Beach Lori Laine Project under review; Rockledge Equalization Basin Project, and West Melbourne's Lake Ashley Circle and Dundee/Manor Place Project out for signature



PRESENTATIONS THIS MONTH:

June 17 – Cocoa Beach Friday Fest – Brandon

June 23 – Brevard Indian River Lagoon Coalition – Straight Talk – Anthony & Brandon

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

July 12 – Marine Resources Council – [Lunch & Learn: Sampsons Island Submerged Lands Restoration Update](#)

July 21 – Ocean Research and Conservation Association – [Lab Technique Training: Pipetting & Dilutions](#)

July 27 – Ocean Research and Conservation Association – [Lab Technique Training: Particle Analysis](#)

August 2 – Ocean Research and Conservation Association – [Fish Monitoring and Processing Training](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

July 21 – Ocean Research and Conservation Association – Fish Processing, email [Bridget](#) to register

July 23 – Keep Brevard Beautiful – [Summer Series Cleanup: Kelly Park](#)

September 17 – [International Coastal Cleanup](#)

Brevard Zoo Restore Our Shores [Clam Restoration Project seeking volunteers](#)

Marine Resources Council Super Clam monitoring seeking volunteers – [Email Caity Savoia to register](#)

Rotary Park rain garden maintenance – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Melbourne – [Email Bri Forte 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. Low Impact Development/Resilience – Local examples, efforts, and potential opportunities
2. Bio-Activated Media Performance and Maintenance Requirements
3. Stormwater Treatment Purpose, Design, and Performance
4. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
5. Surface Water Remediation Technologies
6. Nutrient Loading Impacts of Reclaimed Water
7. Project Performance Measurement Results
8. Lagoon Projects - managed and funded by other agencies, entities or grant programs
9. Indian River Lagoon Research News: Conference, Symposium or Assembly Highlights
10. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
11. Clam Restoration and Aquaculture Stimulus Projects
12. Microplastics and Herbicides in the Lagoon
13. Soil Guardians Program – Sally Scalera
14. Outreach and Engagement – County, Cities, non-profit organizations
15. Oyster Histories in Brevard County - UCF
16. Isotope Studies
17. Titusville Causeway Breakwater