



Save Our Indian River Lagoon Project Plan June 2022 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Upgrades - 2 reimbursements processed for a total of 71 completed to date; 5200 postcards sent; 191 homeowner cost-share agreements executed
- Quick Connects to Sewer - 39 reimbursements processed to date; 930 postcards mailed; 55 homeowner cost-share agreements executed
- University of Central Florida reviewed oyster recruitment patterns over the past four years and found the majority (70%) of the monitored oyster bars had greater oyster density than at deployment.
- Oyster bar material testing study – gabions outperformed other innovative materials tested
- Derelict Vessels Removed this month – 1
- Video Completed – Derelict Boat Removal

WORK UNDERWAY THIS MONTH:

- City of Melbourne Grant St Water Reclamation Facility site plans awaiting approval for going to bid
- South Central C Septic-to-Sewer – construction in progress in the central subdivision; 47 of 140 homeowner connection grants contracted
- Smoke Testing is 25% complete and continuing on the Barrier Island
- Micco Septic-to-Sewer – Pre-construction meeting was May 5th; contractor's submittals are in review
- South Beaches O Septic-to-Sewer – Contracting underway with the lone bidder
- Survey and engineering continues for 10 Brevard County septic-to-sewer projects
- Started design on South Beaches A, South Central A, and South Central D septic projects
- Drafting Request for Qualifications for plumbing services
- City of Melbourne Grant Place Baffle Box under construction.
- Basin 79/Scottsmoor C & Basin 89/Scottsmoor I Stormwater Treatments – Waiting on material supply lead times for determining construction start date
- Basin 958 Pioneer Rd – Pre-application meetings with SJWMD and USACE were completed, Consultant is working on permit applications and revisions to the plans
- Basin 1066 Angel Ave – Negotiating design task order
- Sykes Creek Phase 1 Muck Dredging – Dredge Material Management Area construction underway; permit modification submitted
- Grand Canal Muck Dredging – Removed a total of 175,000 cubic yards to date
- Eau Gallie Northeast Muck Dredging – Bid document preparation underway
- Canaveral South Muck Dredging - Muck volume calculations received and under review
- Brevard Zoo installing oyster bars in the Banana River Lagoon
- Brevard County Seagrass Restoration Protocol – under review by collaborating agencies
- Video progress –Clam restoration portion filmed June 13; Aerial Clarity Video filmed, awaiting edits
- Contracts under review: Satellite Beach Lori Laine Project, Rockledge Equalization Basin Project, and West Melbourne's Lake Ashley Circle and Dundee/Manor Place Project



PRESENTATIONS THIS MONTH:

May 5-6 – Septic Vulnerability Assessment Workshop – Virginia, Anthony, and Brandon
May 19 – Shepherd Center of South Brevard – Brandon
June 7 – Backcountry Fly Fisherman’s Association - Virginia
June 23 – Brevard Indian River Lagoon Coalition – Straight Talk – Anthony & Brandon

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

June 16 – Ocean Research and Conservation Association – [Land to Sea: Buffered & Living Shorelines](#)
June 17 – Brevard Zoo Restore Our Shores – [Seagrass Presentation](#)
June 23 – Brevard Indian River Lagoon Coalition – [Lagoon Straight Talk](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

June 10 & 24 – Ocean Research and Conservation Association – Fish Processing, email [Bridget](#) to register
June 29 – Ocean Research and Conservation Association – Fish Extractions, email [Bridget](#) to register
June 11 – Keep Brevard Beautiful [Summer Series Cleanup: Kiwanis Island](#)
June 15 – Brevard Zoo Restore Our Shores – [Oyster Gardening Training](#)
June 25 – Keep Brevard Beautiful – [Summer Series Cleanup: Titusville Spoil Islands](#)
July 2 – Marine Resources Council – [Mangrove Planting and Oyster Prism Installation](#)
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. Stormwater Treatment Purpose, Design, and Performance
3. BioActivated Media Performance and Maintenance Requirements
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