



Save Our Indian River Lagoon Project Plan January 2025 Progress Report

WORK COMPLETED THIS MONTH:

- Edits received from the Citizen Oversight Committee were incorporated into the draft 2025 Plan Update
- Citizen Oversight Committee Applications were received and transmitted to the League of Cities
- Woodland Business Center Stormwater Treatment project completed
- City of Titusville Osprey Lateral Smoke Testing completed
- City of Rockledge Flow Equalization Basin Wastewater Treatment Project completed
- Quick Connects – 11 more reimbursements processed of 412 to date; 518 agreements executed
- Septic Upgrades – 8 more reimbursements processed of 349 to date; 591 total agreements executed
- University of Central Florida completed 1 month monitoring at Turkey Creek, finding an average density of 2345.3 oysters per square meter ranging from 2 mm spat to 61 mm long, reproductive-size adult oysters
- Oyster density at 6 months in Hog Point gabions was 127 per square meter with an average length of 30 cm
- Contracts executed – #24-186 North IRL Individual Oyster and #24-218 Central Offshore Oyster
- Derelict Vessels – 1 Vessel Removed
- Videos – Indian River City Community Challenge Garden

WORK UNDERWAY THIS MONTH:

- Preparing federal and state Legislative funding requests
- Leaky Lateral Repairs – a total of 694 out of 716 code cases resolved plus 18 voluntary repairs
- South Central C Septic-to-Sewer – 144 of 152 homeowner connections completed
- South Beaches A Septic to Sewer – 1 of 37 connections completed; 21 of 37 connection agreements executed
- Micco Septic-to-Sewer – 1 of 29 parcels connected; finalizing as-builts
- Brevard County Septic-to-Sewer – South Banana B, Merritt Island C & F, and South Beaches O & P are in the bid que; 100% design complete and state permit application received for Merritt Island Zone F; 100% design complete and state permit application submitted for Merritt Island Zone C; 75% design in review for Cocoa Zone C and Sharpes Zone B; 75% design received for South Central Zone D; 75% design underway for Sykes Creek Zones R and North Merritt Island Zone E; 30% design underway for Sharpes Zones A, Micco Zone B, and Merritt Island Zones G; preliminary design started and homeowner letters sent for South Central Zone A
- Brevard County Stormwater Basin 71 Flounder – Construction Notice to Proceed issued
- Brevard County Stormwater Basin 1304 West Arlington – Procuring construction materials
- Brevard County Stormwater Basin 958 Pioneer Road – Construction contract awarded
- Brevard County Stormwater Basin 41 Huntington – Project Design Kickoff meeting this Month
- Eau Gallie Muck Dredging – Invitation to Bid posted 11/27; Pre-Bid meeting 12/12; Bid opening scheduled 1/21
- Titusville Causeway Multi-Trophic Restoration & Living Shoreline Resiliency Project – 151 of 662 Wave Attenuation Devices placed
- Seagrass and Oyster Restoration Resilience Project – Herbivory Excluders were stabilized with fence posts
- Contracting Underway – State grant L0010 Septic Upgrades submitted for County Commission approval on 1/14/25, 25-69 Apollo GA Baffle Box, 21-138 Ray Bullard Water Reclamation Facility Amendment 3, 23-223 Spring Creek Dredging Amendment 1
- Videos – Country Walk HOA Community Challenge Garden filmed and in editing

Complete 98

In Progress 99

Complete + In Progress 197

Total Projects in the Plan

Save Our Indian River Lagoon Plan Project Progress

432

PRESENTATIONS THIS MONTH:

January 11 – Space Coast Chapter of Surfrider Foundation Ballard Park Buffer Garden Dedication – Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

January 14 – Ocean Research and Conservation Association [Lecture Series: Water Quality](#)

February 1 – Save Our Indian River Lagoon [Clams Across the Lagoon 100th Project Celebration](#)

February 20-21 – Harbor Branch Oceanographic Institute [Indian River Lagoon Symposium](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

January 11 – Waterway Warriors [Indian River Lagoon Cleanup](#)

January 14 – Brevard Zoo Restore Our Shores [Oyster Habitat Maintenance](#)

January 15 – Ocean Research and Conservation Association [Pollution Mapping Citizen Science Training](#)

January 16 – Brevard Zoo Restore Our Shores [Shell Site Cleanup](#)

January 16 – Ocean Research and Conservation Association [Particle Analysis](#)

January 22 – Ocean Research and Conservation Association [Fish Processing & Extractions](#)

January 23 – Ocean Research and Conservation Association [Fish Processing & Extractions](#)

January 23 – Ocean Research and Conservation Association [Introduction to Fish Monitoring & Processing](#)

January 25 – Marine Resource Council [Mangrove Workshop](#)

January 25 – Waterway Warriors [Indian River Lagoon Cleanup](#)

January 29 – Ocean Research and Conservation Association [Nursery Maintenance Day](#)

February 7 – Marine Resources Council [First Friday Litter Patrol](#)

February 8 – Waterway Warriors [Indian River Lagoon Cleanup](#)

February 14 – Marine Resource Council [Mangrove Workshop](#)

Ongoing volunteer opportunities:

Brevard Zoo Restore Our Shores – [Email Restore Our Shores for more information](#)

Florida Horseshoe Crab Watch – [Email Holly Abeels for more information](#)

Ocean Research & Conservation Association pollution mapping equipment cleaning – [Email Missy Weiss](#)

Ocean Research & Conservation Association microplastic analysis – [Email Missy Weiss](#)

Rotary Park rain garden maintenance or storm drain marking – [Email Carlos Cuevas](#)

Space Coast Surfrider Foundation Blue Water Task Force Monitoring – [Email Chis Baker for more information](#)

WEBSITE, SOCIAL MEDIA, NEWSLETTER, AND REPORT LINKS:

[Lagoon Loyal Outreach & Engagement Landing Page](#)

[Save Our Indian River Lagoon YouTube](#)

[Save Our Indian River Lagoon Website](#)

[Sign up for our Monthly Newsletter](#)

[Save Our Indian River Lagoon Facebook](#)

[Sign up for our Weekly Harmful Algal Bloom Reports](#)

[Save Our Indian River Lagoon Instagram](#)

[Visit Lagoon Loyal for home pollution reduction tips](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

New State Septic Rules for the Indian River Lagoon Watershed

Project Performance Measurements and Cost-Effectiveness Results

Leaky Lateral Repairs and associated lift station flow reductions

Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings

Dredging influence on water quality

Oyster spat monitoring and gardening results

Lagoon Projects - Managed and Funded by Other Agencies, Entities, or Grant Programs

Vessel Mooring, Anchoring and Pump-out Enforcement