

**Brevard County**  
**Save Our Indian River Lagoon Project Plan**  
**Citizen Oversight Committee**

January 19, 2024 – 8:30 to 11:30 am  
Brevard County Government Center  
2725 Judge Fran Jamieson Way  
Building C, 3<sup>rd</sup> Floor, Florida Room  
Viera, Florida 32940

- I. Call to Order and Pledge of Allegiance
- II. Roll Call
- III. Approval of the Agenda
- IV. Approval of Minutes
- V. Progress and Fiscal Reports
  - a) Monthly Progress Report – Virginia Barker, Director
  - b) Monthly Revenue Graph & Financial Statements – Molly Bryan, Fiscal Analyst
- VI. Other Reports and Special Presentations
  - a) Videos
    - i. St. Johns River Water Management District – Revitalizing the Lagoon with Septic to Sewer Project
    - ii. Cocoa Beach McNabb Planter Boxes and Downtown Low Impact Development Project
    - iii. My Lagoon Story - Curt Smith
- VII. Old Business
- VIII. New Business
  - a) [Draft Save Our Indian River Lagoon Project Plan 2024 Update](#) – Marcy Frick, Tetra Tech, Inc., and Virginia Barker, Director
- IX. General Public Comments
- X. Final Comments by Chair and Committee Members
- XI. Adjournment



## Save Our Indian River Lagoon Project Plan January 2024 Progress Report

### WORK COMPLETED THIS MONTH:

- Leaky Lateral Repairs – 552 of 649 code enforcement cases for detected private sewer leaks have been resolved; 79 grant applications have been received; 68 payments have been processed
- Quick Connects – 43 more reimbursements processed of 199 to date; 404 agreements executed
- Septic Upgrades – 9 more reimbursements processed of 226 to date; 393 total agreements executed
- 1 Derelict Vessel Removed
- University of Central Florida conducted monitoring of planter boxes at McNabb Park, finding 75-87% survival of red mangroves, 83% survival of smooth cordgrass, and new recruitment of mangroves
- Grant Applications – Submitted to proposals to the National Estuary Program; one for Quick Connects to sewer and one to start a citizen science stormwater pond monitoring and management program
- Contracts - Woodland Business Center Stormwater Project, Willow Lakes Package Plant Connection, Cocoa Beach Golf Course Aquatic Vegetation Harvesting, and Brevard Zoo North Oyster Amendment executed
- Videos: Curt Smith: My Lagoon Story, Muck-rete, and Cocoa Beach Green Stormwater Infrastructure

### WORK UNDERWAY THIS MONTH:

- Incorporating committee members' edits to the Draft 2024 Save Our Indian River Lagoon Project Plan
- South Central C Septic-to-Sewer – 96% complete; third and final lift station passed inspection; project close-out scheduled for 1/31/2024; first 12 homeowner connections completed
- Micco Sewer Line Extension – 95% complete; final segment of sewer line installation is awaiting FDOT clearance; preparing for lift station start - up, then send connection notifications to owners
- Brevard County Septic-to-Sewer – South Banana Zone B and Merritt Island Zone F in permitting; preparing Sykes Creek Zone N and South Beaches Zones O & P for bidding; 75% design review complete for North Merritt Island Zone E; 75% design under review for Sykes Creek M; 75% design underway for Micco Zone B, Sykes Creek Zones R & T; 30% design underway for Sharpes Zones A & B, Cocoa Zone C, South Central Zone D, and Merritt Island Zones C & G
- Basin 2258 Babcock Rd Woodchip Bioreactor – 60% Design received
- Grand Canal Muck Dredging – 2023 dredging season complete; material handling underway
- Sykes Creek Phase 1 Muck Dredging – Kiwanis Island restoration planning in progress
- Sykes Creek Phase 2 Muck Dredging – Taylor Engineering is working on Contractor Bid package
- Eau Gallie Muck Dredging – Atkins working on Contractor Bid package; Preliminary Gopher tortoise survey conducted at dewatering site BV-52
- Canaveral South Muck Dredging – Kick-off meeting with GHD to discuss project development
- FDEP Innovative Technology Grant – AECOM's algae harvester demobilized; final report due April 2024
- Contracts – Titusville Osprey Basin Smoke Testing out for signature

### PRESENTATIONS THIS MONTH:

February 21 – University of Florida Water Institute Symposium – Virginia

February 24 – Melbourne Beach Environmental Day – Virginia, Brandon, and Abbey

March 16 – 1000 Islands – Virginia and Brandon

March 23 – Florida Friendly Landscaping Seminar – Brandon and Aleah



#### **UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:**

January 15 – Ocean Research & Conservation Association [Introduction of ORCA Citizen Science Projects](#)  
January 17 – Ocean Research & Conservation Association [Minimizing Pollutants Webinar](#)  
January 16 – Ocean Research & Conservation Association [Lab Technique Training: Pipetting](#)  
January 23 – Ocean Research & Conservation Association [Introduction to Fish Monitoring & Processing](#)  
January 30 – Ocean Research & Conservation Association Lab [Technique Training: Particle Analysis](#)  
February 22-23 – [Indian River Lagoon Symposium](#)

#### **UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:**

January 12 & 23 – Ocean Research & Conservation Association [Fish Processing - Register with Missy Weiss](#)  
January 15 – Ocean Research & Conservation Association [Fish Homogenization – Register with Missy Weiss](#)  
December 16- Brevard Zoo’s Restore Our Shores [Buffer Zone Planting](#)  
January 31 – Ocean Research & Conservation Association [Native Plant Nursery - Email Wyatt To Register](#)  
January 25 - UF/IFAS [Horseshoe Crab Watch Survey Training](#)  
January 27- Brevard Zoo’s Restore Our Shores [Oyster Supply Making](#)  
February 3 – Marine Resources Council [First Friday Litter Patrol](#)  
Space Coast Surfrider Foundation Blue Water Task Force Monitoring – [Email Chis Baker for more information](#)  
Florida Horseshoe Crab Watch – [Email Holly Abeels for more information](#)  
Ocean Research & Conservation Association pollution mapping equipment cleaning – [Email Veronica](#)  
Marine Resources Council super-clam monitoring, storm drain marking in Melbourne, and Concrete Creations Program seeking volunteers – [Email Caitlin Bagnall to register](#)  
Rotary Park rain garden maintenance or storm drain marking in Cocoa – [Email Carlos Cuevas](#)  
Pineda Waterway Warriors Cleanup – Every 2<sup>nd</sup> & 4<sup>th</sup> Saturday at Tropical Trail Exit overpass – [Email Sherill](#)

#### **WEBSITE, SOCIAL MEDIA, NEWSLETTER, AND REPORT LINKS:**

<a href="#">Lagoon Loyal Outreach &amp; Engagement Landing Page</a>	<a href="#">Save Our Indian River Lagoon YouTube</a>
<a href="#">Save Our Indian River Lagoon Website</a>	<a href="#">Sign up for our Monthly Newsletter</a>
<a href="#">Save Our Indian River Lagoon Facebook</a>	<a href="#">Sign up for our Weekly Harmful Algal Bloom Reports</a>
<a href="#">Save Our Indian River Lagoon Instagram</a>	<a href="#">Visit Lagoon Loyal for home pollution reduction tips</a>

#### **FUTURE TOPICS FOR SPECIAL PRESENTATIONS:**

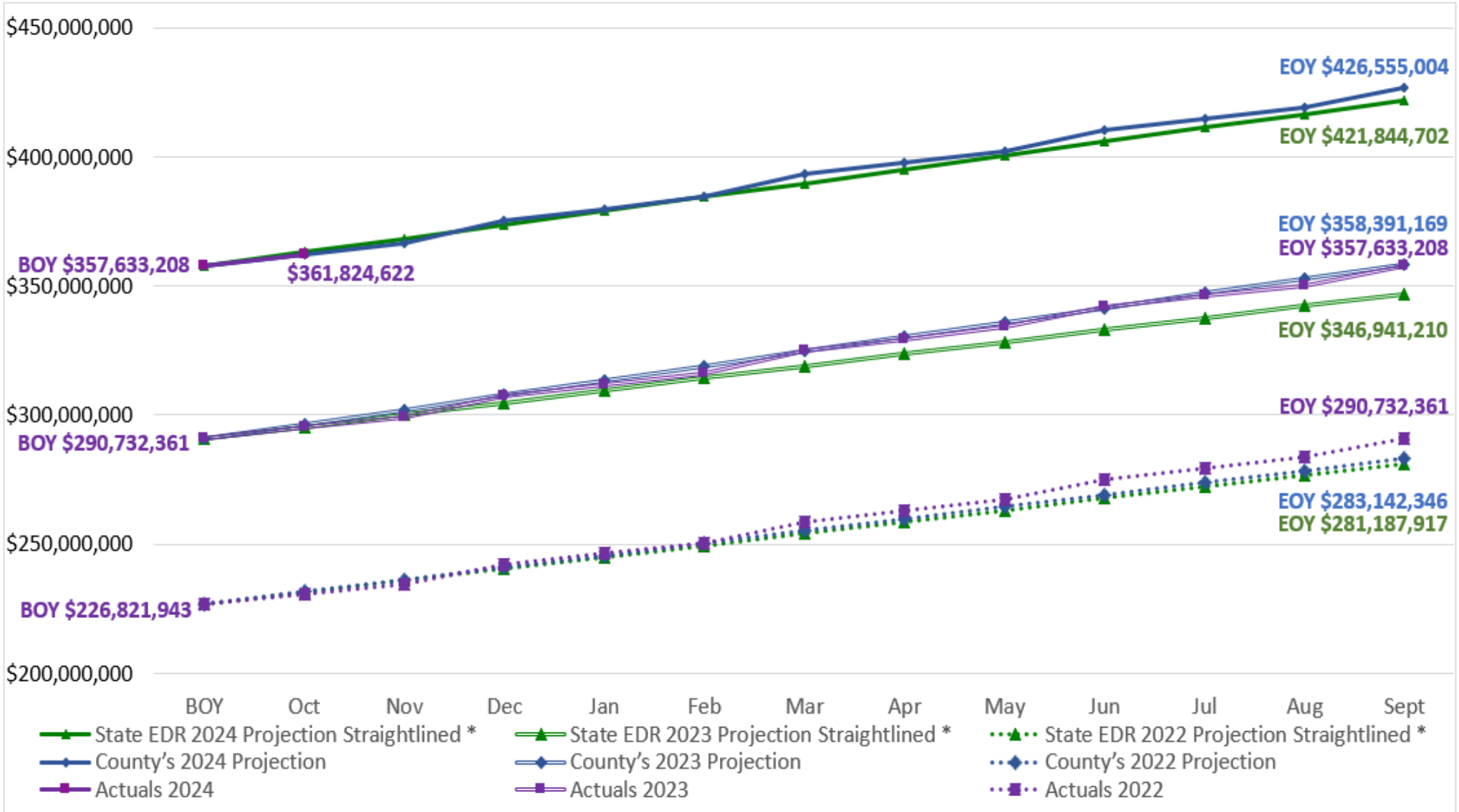
1. Septic Upgrade Rules & Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings
2. Regional Wastewater Treatment Feasibility Study by the Economic Development Commission
3. Surface Water Remediation Technologies
4. Turf grass options and alternatives
5. Lagoon Project Feasibility Study Update by St Johns River Water Management District
6. Lagoon Projects - managed and funded by other agencies, entities, or grant programs
7. Nutrient Loading Impacts of Reclaimed Water
8. Project Performance Measurements and Cost-Effectiveness Results
9. Super Clam Restoration and Aquaculture Stimulus Projects
10. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
11. Isotope studies
12. Remote Sensing of Blooms
13. Titusville Causeway Breakwater

# Save Our Indian River Lagoon Revenues Cumulative Graph

## Fiscal Year 20-21 to Current Fiscal Year

\* Economic and Demographic Research Data is sourced from Florida's Office of Economic & Demographic Research using their Estimation of Realized and Unrealized Tax Revenues Table

- Projected and Actual Data is from Systems, Applications and Products program
- EDR (Economic and Demographic Research) Data, BOY (Beginning of Year), EOY (End of Year)
- For Screen Readers use the Save Our Indian River Lagoon Revenues Cumulative Chart Fiscal Year 20-21 to Current Fiscal Year Table
- Updated the State EDR Beginning of Year to match Actuals End of Year to the prior Fiscal Years



## Save Our Indian River Lagoon Revenues Cumulative Chart

### Fiscal Year 20-21 to Current Fiscal Year

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Month	State EDR 2024 Projection Straight-lined *	County's 2024 Projection	Actuals 2024	State EDR 2023 Projection Straight-lined *	County's 2023 Projection	Actuals 2023	State EDR 2022 Projection Straight-lined *	County's 2022 Projection	Actuals 2022
<b>BOY</b>	<b>\$357,633,208</b>	<b>\$357,633,208</b>	<b>\$357,633,208</b>	<b>\$290,732,361</b>	<b>\$290,732,361</b>	<b>\$290,732,361</b>	<b>\$226,821,943</b>	<b>\$226,821,943</b>	<b>\$226,821,943</b>
Oct	\$362,984,166	\$362,138,073	361,824,622	\$295,416,432	\$296,370,595	\$294,991,249	\$231,352,441	\$231,515,310	\$230,665,218
Nov	\$368,335,124	\$366,476,167		\$300,100,502	\$302,008,829	\$299,092,473	\$235,882,939	\$236,208,677	\$234,614,208
Dec	\$373,686,082	\$375,361,146		\$304,784,573	\$307,647,063	\$307,492,311	\$240,413,437	\$240,902,044	\$242,347,634
Jan	\$379,037,039	\$379,731,879		\$309,468,644	\$313,285,297	\$311,773,147	\$244,943,935	\$245,595,411	\$246,260,610
Feb	\$384,387,997	\$384,302,369		\$314,152,715	\$318,923,531	\$316,249,631	\$249,474,432	\$250,288,778	\$250,342,140
Mar	\$389,738,955	\$393,126,019		\$318,836,785	\$324,561,765	\$324,891,795	\$254,004,930	\$254,982,145	\$258,706,447
Apr	\$395,089,913	\$397,793,163		\$323,520,856	\$330,199,999	\$329,462,945	\$258,535,428	\$259,675,512	\$263,179,622
May	\$400,440,871	\$402,313,719		\$328,204,927	\$335,838,233	\$333,890,522	\$263,065,926	\$264,368,879	\$267,470,408
Jun	\$405,791,829	\$410,178,239		\$332,888,998	\$341,476,467	\$341,593,283	\$267,596,424	\$269,062,246	\$275,034,484
Jul	\$411,142,786	\$414,778,122		\$337,573,068	\$347,114,701	\$346,098,557	\$272,126,922	\$273,755,612	\$279,374,282
Aug	\$416,493,744	\$419,010,706		\$342,257,139	\$352,752,935	\$350,244,084	\$276,657,419	\$278,448,979	\$283,600,235
Sept	\$421,844,702	\$426,555,004		\$346,941,210	\$358,391,169	\$357,633,208	\$281,187,917	\$283,142,346	\$290,732,361

# FY 2023 Monthly Financial Statement

Save Our Indian River Lagoon

Date Range 01 October 2022 – 03 January 2024

\*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program

Revenues	Budget	Total Assigned YTD*	% Earned
Taxes	\$ 58,146,715	\$ 66,900,847	115.06%
Interest Earned	\$ 2,314,053	\$ 7,722,732	333.73%
Other Federal Grants	\$ 5,932,562	\$ 339,653	5.73%
Federal Grants Hurricane Irma	\$ 1,357,269	\$ -	0.00%
Other State Grants	\$ 13,649,974	\$ 286,358	2.10%
State Grants Hurricane Irma	\$ 226,212	\$ -	0.00%
Tourism Development Council Grants	\$ 92,000	\$ 92,000	100.00%
Other Physical Environment Grants	\$ 328,141	\$ -	0.00%
American Rescue Plan Act (ARPA)	\$ 4,984,462	\$ 1,261,798	25.31%
Statutory Reduction	\$ (3,886,471)	\$ -	0.00%
Balance Forward	\$ 242,351,863	\$ 247,253,609	102.02%
<b>Total</b>	<b>\$ 325,496,780</b>	<b>\$ 323,856,996</b>	<b>99.50%</b>

Expenditures (Roll-Up)	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 1,355,722	\$ 1,057,404	\$ 1,057,404
Operating Expenses	\$ 297,896	\$ 224,142	\$ 213,721
Capital Outlay	\$ 118,893	\$ 56,291	\$ 56,291
SOIRL Projects funded under Operating Expenses (Non-Capital County Project & Programs)	\$ 4,113,387	\$ 1,931,231	\$ 1,103,443
SOIRL Projects funded under Capital Improvement (County Projects over \$35K)	\$ 81,968,997	\$ 28,646,358	\$ 15,279,683
SOIRL Projects funded under Aid to Gov't Agencies (Cities & Water Management Districts)	\$ 74,449,801	\$ 25,301,748	\$ 2,832,077
SOIRL Projects funded under Aid to Private Organizations (Property Owners & Non-Government Organizations)	\$ 48,756,501	\$ 5,104,617	\$ 3,580,924
Contingency	\$ 18,502,590	\$ -	\$ -
Reserves (for approved projects scheduled beyond this fiscal year)	\$ 95,932,993	\$ -	\$ -
<b>Total</b>	<b>\$ 325,496,780</b>	<b>\$ 62,321,790</b>	<b>\$ 24,123,542</b>

# FY 2024 Monthly Financial Statement

Save Our Indian River Lagoon

Date Range 01 October 2023 – 04 January 2024

\*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program

Revenues	Budget	Total Assigned YTD*	% Earned
Taxes	\$ 68,724,435	\$ 4,191,414	6.10%
Interest Earned	\$ 8,448,058	\$ 1,814,204	21.47%
Other Federal Grants	\$ 8,516,345	\$ -	0.00%
Other State Grants	\$ 14,267,941	\$ -	0.00%
Tourism Development Council Grants	\$ 263,158	\$ -	0.00%
Other Physical Environmental Grants	\$ 67,596		0.00%
American Rescue Plan Act (ARPA)	\$ 2,907,840	\$ -	0.00%
Statutory Reduction	\$ (5,014,379)	\$ -	0.00%
Balance Forward	\$ 296,802,384		0.00%
<b>Total</b>	<b>\$ 394,983,378</b>	<b>\$ 6,005,618</b>	<b>1.52%</b>

Expenditures (Roll-Up)	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 1,400,177	\$ 1,393,840	\$ 283,516
Operating Expenses	\$ 266,244	\$ 90,205	\$ 40,025
Capital Outlay	\$ 114,502	\$ 98,122	\$ -
SOIRL Projects funded under Operating Expenses (Non-Capital County Project & Programs)	\$ 3,229,978	\$ 1,220,966	\$ 237,949
SOIRL Projects funded under Capital Improvement (County Projects over \$35K)	\$ 105,185,117	\$ 24,220,353	\$ 1,435,421
SOIRL Projects funded under Aid to Gov't Agencies (Cities & Water Management Districts)	\$ 83,955,565	\$ 20,645,499	\$ 254,674
SOIRL Projects funded under Aid to Private Organizations (Property Owners & Non-Government Organizations)	\$ 57,594,266	\$ 4,623,515	\$ 1,602,883
Contingency	\$ 71,351,790	\$ -	\$ -
Reserves (for approved projects scheduled beyond this fiscal year)	\$ 71,885,739	\$ -	\$ -
<b>Total</b>	<b>\$ 394,983,378</b>	<b>\$ 52,292,500</b>	<b>\$ 3,854,467</b>