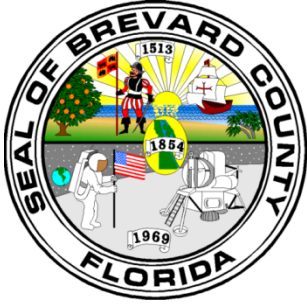


Brevard County
Save Our Indian River Lagoon Project Plan
Citizen Oversight Committee



September 20, 2024 – 8:30 to 11:30 am
Brevard County Government Center
2725 Judge Fran Jamieson Way
Building C, 3rd 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) Managing Pollutant Loads from Stormwater - Mark Nelson, P.E, Jones Edmonds
 - b) Updates to the St. Johns River Water Management District's Indian River Lagoon Feasibility Study - Mark Nelson, P.E, Jones Edmonds
 - c) Let's Talk About Seagrass! Strategies to Improve Seagrass Messaging - Amy Durham Shea, Brevard Zoo and Oregon State University
 - d) A Case Study of Public Attitudes and Its Impact on the Conservation of the Indian River Lagoon Watershed – Zanielle Wells, University of Central Florida Undergraduate Honors Thesis
 - e) Video – Turkey Creek Offshore Oyster Restoration Project
- VII. Old Business
- VIII. New Business
- IX. General Public Comments
- X. Final Comments by Chair and Committee Members
- XI. Adjournment

**Save Our Indian River Lagoon
Citizen Oversight Committee Meeting Minutes**

August 16, 2024 – 8:30 a.m.
2725 Judge Fran Jamieson Way, Bldg. C,
3rd Floor, Florida Room
Viera, FL 32940

Members Present:

Expertise	Member	Present	Alternate	Present
Science	Lorraine Koss	No	Charles Venuto	Yes
Technology	Vinnie Taranto-Chair	Yes	Don Deis	Yes
Education	Stephany Eley	No	Kimberly Newton	No
Finance	Todd Swingle	Yes	Curt Smith	Yes
Tourism	Bobby Putnam	No	Laurilee Thompson	Yes
Real Estate	Barbara Wall-Scanlon – Vice Chair	Yes	Eric Mannes	Yes
Lagoon Advocacy	John Windsor	Yes	Terry Casto	Yes*

* Attended via Telephone

Staff Present:

Virginia Barker, Brevard County Natural Resources Management Director
 Heather Balsler, Assistant County Attorney
 Terri Breeden, Environmental Section Supervisor
 Brandon Smith, Environmental Specialist III
 Anthony Gubler, Environmental Specialist III
 Jeanne Allen, Engineer III
 Cole Stubbe, Engineer I
 Molly Bryan, Fiscal Analyst
 Aleah Ataman, Associate Environmental Specialist
 Abbey Gering, Associate Environmental Specialist
 Beb Sebastian, Associate Environmental Specialist
 Melanie Howarter, Associate Environmental Specialist
 Ashley Postlewait, Associate Environmental Specialist
 Joshua Hibbard, Contract Administrator
 Jaculin Watkins, Executive Secretary

I. Call to Order

The meeting was called to order at 8:30 a.m.

II. Roll Call

A quorum was established.

III. Approval of the Agenda

Vinnie Taranto requested to make an adjustment to the Agenda – move items under V. *Progress and Fiscal Reports* to after Items VI. *Other Reports and Special Presentations*, and VII., *New Business*, to accommodate presenter and Committee member schedules.

John Windsor moved to approve the Agenda as adjusted; seconded by Charles Venuto.

There was no public comment for the motion. Motion was unanimously approved.

IV. Approval of Minutes

John Windsor moved to approve the Minutes; seconded by Charles Venuto.

There was no public comment for the motion. Motion was unanimously approved.

V. Progress and Fiscal Reports

(These items were heard out of order, after VII.)

a. Monthly Progress Report – Virginia Barker, Director

Virginia Barker presented a review the Monthly Progress Report for August. Discussion ensued. Ms. Barker responded to the Committee's questions.

b. Monthly Revenue Graph and Financial Statements – Molly Bryan, Fiscal Analyst

The Monthly Revenue Graph and Financial Statement were reviewed by Molly Bryan.

c. Quarterly Revenue Graph and Financial Statements – Molly Bryan, Fiscal Analyst

The Quarterly Revenue Graph and Financial Statement were reviewed by Molly Bryan.

d. Quarterly Project Update – Terri Breeden, Environmental Section Supervisor

The Quarterly Project Update was presented by Terri Breeden. Discussion ensued. Staff responded to the Committee's questions.

VI. Other Reports and Special Presentations

(These items were heard out of order, before V.)

a. Brevard County's Clean Waterways Act Compliance Plan for Wastewater Treatment and Septic Remediation – Felicity Appel, P.E., Kimley Horn

Felicity Appel, P.E., gave a PowerPoint presentation on Brevard County's Clean Waterways Act Compliance Plan for Wastewater Treatment and Septic

Remediation. Discussion ensued. Ms. Appel and Ms. Barker responded to the Committee's questions.

b. Developing an Adaptive Septic Remediation Plan – Dr. Claudia Listopad, President, Principal Scientist, Applied Ecology, Inc.

Dr. Listopad gave a PowerPoint presentation on developing an adaptive septic remediation plan. Discussion ensued. Dr. Listopad and Ms. Barker responded to the Committee's questions.

c. Rockledge Flow Equalization Basin Project - Brenda Keenan, Wastewater Practice Lead, Tetra Tech

Brenda Keenan gave a PowerPoint presentation on the City of Rockledge's flow equalization basin project. Discussion ensued. Ms. Keenan responded to the Committee's questions.

VII. Old Business

No old business was heard.

(Ten-minute break)

VIII. New Business

a. Consider Recommending Changes to the Structure of the Citizen Oversight Committee

In response to prior Committee discussion, Virginia Barker provided an overview of some potential options for restructuring the Save Our Indian River Lagoon Citizen Oversight Committee (SOIRL COC). With seven members (five voting and two alternates) of the Committee slated to be leaving at the end of the current term due to County changes to Advisory Board term limits, now is the time for any recommended changes. Discussion ensued.

John Windsor moved to recommend revising Section 46-400 of the Brevard County Code for the Citizen Oversight Committee to remove the date "October 1, 2016", seconded Barbara Wall-Scanlon.

There was no public comment on the motion. Motion was unanimously approved.

Discussion continued on the option of adding ex-officio members to provide readily available historical context for the large number of new members.

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – August 16, 2024

John Windsor moved to recommend the addition of two ex-officio members to the Citizen Oversight Committee, one from the County and one from the League of Cities, details of their terms to be worked out, seconded by Charles Venuto.

Public comments were heard. Additional discussion ensued about the potential Sunshine law applicability to ex-officio members.

Additional public comments were heard, along with additional Committee discussion.

Motion passed with Committee Members voting as follows: Charles Venuto – Aye, Vinnie Taranto – Aye, John Windsor – Aye, Laurilee Thompson – Aye, Barbara Wall-Scanlon – Nay, Todd Swingle – Nay.

Discussion continued on the option of changes to the fields of expertise represented by the public.

Todd Swingle moved to leave the expertise areas as is, and to focus recruiting on some of the targeted areas within the expertise areas as they exist. Motion died for lack of a second.

John Windsor moved to accept the suggested language adding a “Boating and Fishing” category and combining “Lagoon Advocacy” and “Education” into “Lagoon Education/Outreach/Advocacy” as presented on the Agenda item. Seconded by Laurilee Thompson. Additional Committee discussion ensued.

Public comments were heard, and Committee discussion continued.

Todd Swingle proposed amending the motion to the addition of a “Lagoon Commerce” category in place of “Boating and Fishing”. The amendment to the motion was accepted, to combine “Lagoon Advocacy” and “Education” into one category: “Lagoon Education/Outreach/Advocacy”, and add a category for “Lagoon Commerce.”

Motion passed unanimously.

John Windsor moved to recommend making corrections and updates to the Brevard County Code on the Citizen Oversight Committee to fix grammatical errors; seconded by Barbara Wall-Scanlon. There was no discussion on the motion.

There were no public comments. Motion passed unanimously.

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – August 16, 2024

IX. General Public Comments

General public comments were heard.

X. Final Comments by Chair and Committee Members

Final comments were heard.

XI. Adjournment

Meeting was adjourned at 11:25 a.m.



Save Our Indian River Lagoon Project Plan September 2024 Progress Report

WORK COMPLETED THIS MONTH:

- Leaky Lateral Repairs – 0 non-code cases voluntarily resolved for a total of 18 to date; 1 additional code case resolved for a total of 673 out of 691 code enforcement cases for detected private sewer leaks resolved
- Quick Connects – 18 more reimbursements processed of 359 to date; 452 agreements executed
- Septic Upgrades – 29 more reimbursements processed of 316 to date; 514 total agreements executed
- Land acquired for Sharpes Zone B lift station
- Commission approved purchase of land for Sykes Creek Zone T vacuum pump station and easements for Zone R
- University of Central Florida has completed monitoring at 9 living shoreline projects County-wide; they are currently monitoring three sites: Castaway Cove, McNabb, and Rainwater; and when monitoring at Castaway Cove is completed this month, they will begin monitoring the Turkey Creek Offshore Project
- Contracts executed – FDEP Grant LG004 South Beaches Septic to Sewer Zones O & P (\$400,000); FDOT Grant Sykes Creek Zone N (\$4,990,758)
- Change order executed – Marketing Talent Network Fertilizer Outreach time extension
- Videos – Turkey Creek Offshore Oyster Restoration Project and Seagrass Restoration Experimental Design complete

WORK UNDERWAY THIS MONTH:

- Derelict Vessels – New removal contract to begin October 1st
- South Central C Septic-to-Sewer – 93 of 150 homeowner connections completed
- South Beaches A Septic to Sewer – 5 connection agreements executed, 9 more in process
- Micco Sewer Line Extension – 97% complete; finishing punch list; finalizing as-built surveys; requesting state clearance to begin connecting the parcels
- Brevard County Septic-to-Sewer – Sykes Creek Zone M, N & T are out to bid for construction
- Brevard County Septic-to-Sewer – South Banana Zone B, and South Beaches Zones O & P are in the bid que
- Brevard County Septic-to-Sewer – 100% design received and state permit submitted for Merritt Island Zone F; 100% design under review Merritt Island Zone C; 75% design underway for Sykes Creek Zones R, North Merritt Island Zone E, South Central D; Cocoa Zone C and Sharpes Zone B; 30% design underway for Sharpes Zones A, Micco Zone B, and Merritt Island Zones G; preliminary design started for South Central Zone A
- Brevard County Stormwater Basin 1304 West Arlington - Bid awarded to JoBear Contracting
- Brevard County Stormwater Basin 958/960 Pioneer - Out to Bid
- Brevard County Stormwater Basin 1280B Flamingo - Out to Bid
- Grand Canal Muck Dredging – underway- approximately 399,997 cubic yards dredged as of 8/30/2024
- Titusville Causeway Multi-Trophic Restoration & Living Shorelines Resiliency Project – Over 190 Wave Attenuation Devices poured
- Seagrass and Oyster Restoration Resilience Project – Ecological Associates completed one-month monitoring
- Brevard Zoo - construction of the Turkey Creek Offshore project is underway
- Contracts – Merritt Country Mobile Home Park Septic to Sewer, two Brevard Zoo Oyster Projects, Citizen Science Stormwater Pond Monitoring and Maintenance Pilot Program, and 7 amendments in review
- Education and Outreach – Scoping first annual Task Order with SparkTide
- Videos –Implementation and Rockledge Flow Equalization Basin b-roll filming scheduled

Complete 95

In Progress 96

Complete + In Progress 191

Total Projects in the Plan

Save Our Indian River Lagoon Plan Project Progress

432

PRESENTATIONS THIS MONTH:

August 4 – Brevard Zoo Science Sunday – Virginia

August 12 – WMMB Radio Interview – Virginia and Curt

August 17 – Cocoa Beach Lutheran Church of the Resurrection Lagoon Talk - Brandon

August 18 – Brevard Zoo Science Sunday – Abbey

August 25 – Brevard Zoo Science Sunday – Brandon

September 28 – Space Coast Science Education Alliance “Research Rules” - Melanie

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

September 24 – Brevard Zoo – [What’s Up In the Watershed?](#)

October 1 – Marine Resources Council – [Lagoon at Noon Seminar](#)

October 10 – Ocean Research and Conservation Association – [Pollution Mapping Citizen Science Training](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

September 21 – Waterway Warriors Cleanup – [International Coastal Cleanup](#)

September 21 – Keep Brevard Beautiful [International Coastal Cleanup](#)

September 21 – Marine Resources Council – [International Coastal Cleanup](#)

September 21 – Historic Cocoa Village Mainstreet – [International Coastal Cleanup](#)

September 28 – Marine Resource Council [Mangrove Workshop](#)

October 4 – Marine Resources Council [First Friday Litter Patrol](#)

October 11 – Marine Resource Council [Mangrove Workshop](#)

Ongoing volunteer opportunities:

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 Missy Weiss](#)

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

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

WEBSITE, SOCIAL MEDIA, NEWSLETTER, AND REPORT LINKS:

[Lagoon Loyal Outreach & 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](#)

[Sign up for our Monthly Newsletter](#)

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

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

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

Seagrass Trends in the Lagoon

Vessel Mooring, Anchoring and Pump-out Enforcement

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

Project Performance Measurements and Cost-Effectiveness Results - McNabb Shoreline Projects

Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings

Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities

Turf Grass Options and Alternatives

Integrated Herbicide Management

Innovative Technologies for Sensing, Predicting and Controlling Harmful Algae Blooms

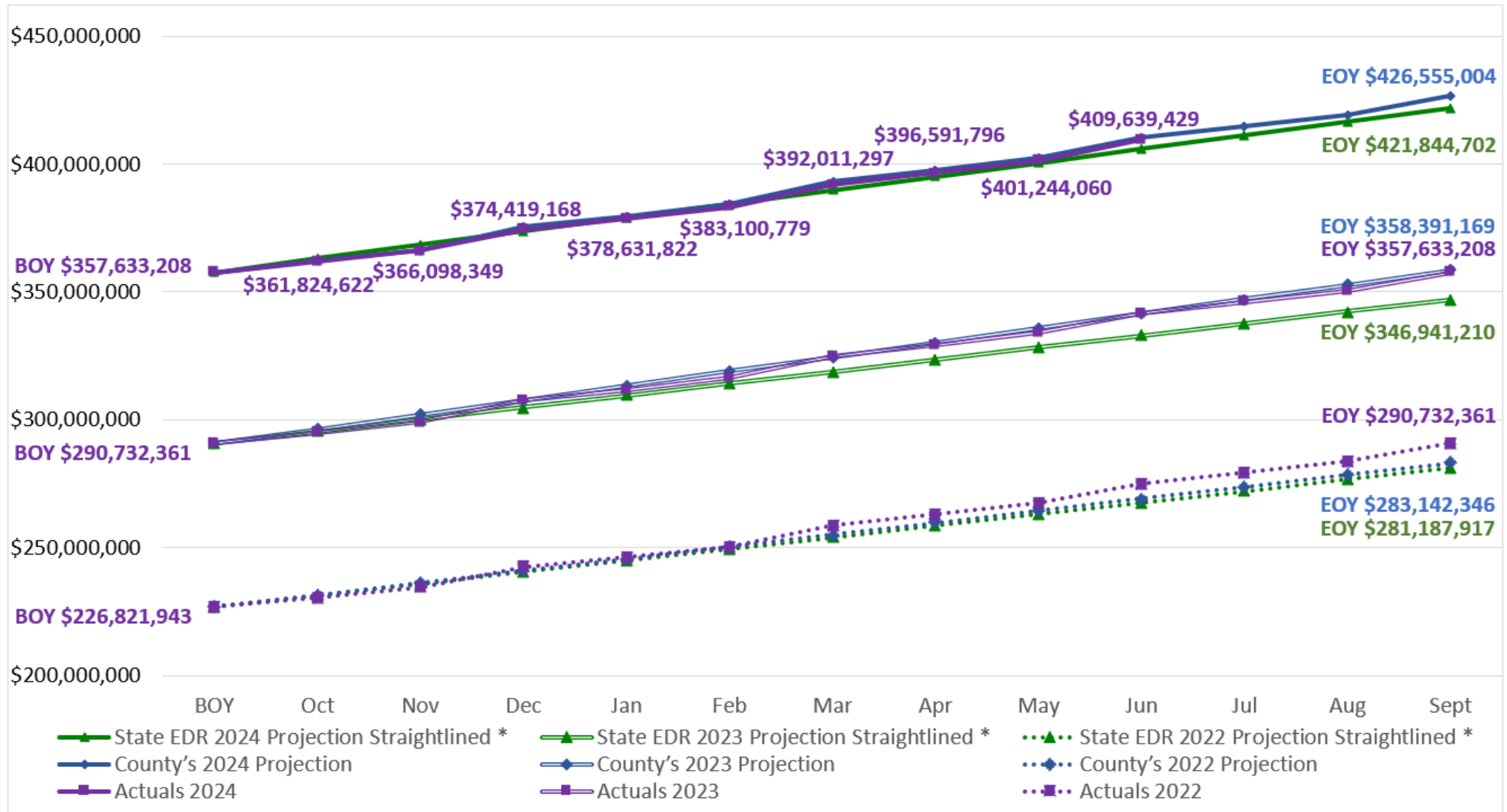
Isotopic Results for Groundwater Pollution Source Tracking

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

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

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
BOY	\$357,633,208	\$357,633,208	\$357,633,208	\$290,732,361	\$290,732,361	\$290,732,361	\$226,821,943	\$226,821,943	\$226,821,943
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	\$366,098,349	\$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	\$374,419,168	\$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	\$378,631,822	\$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	\$383,100,779	\$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	\$392,011,297	\$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	\$396,591,796	\$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	\$401,244,060	\$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	\$409,639,429	\$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 2024 Monthly Financial Statement

Save Our Indian River Lagoon

Date Range 01 October 2023 – 03 September 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	\$ 52,006,221	75.67%
Interest Earned	\$ 8,448,058	\$ 10,124,558	119.84%
Other Federal Grants	\$ 8,703,714	\$ 3,838,000	44.10%
Other State Grants	\$ 37,082,410	\$ 2,649,025	7.14%
Tourism Development Council Grants	\$ 263,158	\$ 4,062	1.54%
Other Physical Environmental Grants	\$ 1,646,543	\$ 321,777	19.54%
American Rescue Plan Act (ARPA)	\$ 2,907,840	\$ -	0.00%
Statutory Reduction	\$ (6,243,418)	\$ -	0.00%
Balance Forward	\$ 296,802,384	\$ 303,180,205	102.15%
Total	\$ 418,335,124	\$ 372,123,848	88.95%

Expenditures (Roll-Up)	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 1,400,177	\$ 1,401,555	\$ 1,119,122
Operating Expenses	\$ 266,244	\$ 241,194	\$ 220,001
Capital Outlay	\$ 114,502	\$ 104,318	\$ 104,318
SOIRL Projects funded under Operating Expenses (Non-Capital County Project & Programs)	\$ 3,551,749	\$ 2,046,845	\$ 955,467
SOIRL Projects funded under Capital Improvement (County Projects over \$35K)	\$ 190,517,485	\$ 29,299,974	\$ 7,824,534
SOIRL Projects funded under Aid to Gov't Agencies (Cities & Water Management Districts)	\$ 98,719,082	\$ 24,570,921	\$ 1,666,161
SOIRL Projects funded under Aid to Private Organizations (Property Owners & Non-Government Organizations)	\$ 41,184,114	\$ 10,261,254	\$ 6,194,918
Contingency	\$ 15,828,710	\$ -	\$ -
Reserves (for approved projects scheduled beyond this fiscal year)	\$ 66,753,061	\$ -	\$ -
Total	\$ 418,335,124	\$ 67,926,061	\$ 18,084,521