

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, 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) 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
Citizen Oversight Committee Meeting Minutes**

November 17, 2023 – 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	Yes	Charles Venuto	Yes
Technology	Vinnie Taranto-Vice Chair	Yes	Don Deis	Yes
Education	Stephany Eley	Yes	Kimberly Newton	Yes
Finance	Todd Swingle-Chair	Yes	Curt Smith	Yes*
Tourism	Bobby Putnam	Yes	Laurilee Thompson	Yes
Real Estate	Barbara Wall-Scanlon	Yes	Eric Mannes	Yes
Lagoon Advocacy	John Windsor	Yes	Terry Casto	Yes

Staff Present:

Virginia Barker, Brevard County Natural Resources Management Director
Heather Balser, Assistant County Attorney
Terri Breeden, Environmental Section Supervisor
Jenny Hansen, Environmental Scientist
Matthew Badolato, Environmental Specialist I
Beb Sebastian, Associate Environmental Specialist
Abbey Gering, Associate Environmental Specialist
Aleah Ataman, Associate Environmental Specialist
Melanie Howarter, Associate Environmental Specialist
Ashley Postlewait, Associate Environmental Specialist
Cole Stubbe, Engineer I
Jaculin Watkins, Executive Secretary

I. Call to Order

II. Roll Call

A quorum was established.

III. Approval of the Agenda

Todd Swingle requested to make an adjustment to the Agenda – to move item VIII.a: *2024 Funding Requests and Recommendations for the 2024 Plan Update* to before item VI.: *Other Reports and Special Presentations*.

Stephaney Eley moved to approve the Agenda as adjusted; seconded by Barbara Wall-Scanlon.

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

IV. Approval of Minutes

John Windsor moved to approve the Minutes as written; seconded by Stephaney Eley.

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

V. Progress and Fiscal Reports

a. Monthly Progress Report – Virginia Barker, Director

The Monthly Progress Report was given by Virginia Barker. 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 Statements were reviewed by Molly Bryan.

c. Quarterly Financial & Grant Statements – Molly Bryan, Fiscal Analyst

The Quarterly Financial & Grant Statements were reviewed by Molly Bryan. Ms. Bryan and Ms. Barker responded to the Committee's questions.

d. Quarterly Save Our Indian River Lagoon Project Performance Table Update – Terri Breeden, Environmental Section Supervisor

The Quarterly Project Performance Table Update was presented by Terri Breeden. Discussion ensued. Ms. Breeden and Ms. Barker responded to the Committee's questions.

VI. Other Reports and Special Presentations

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

a. Brevard Count Half-Cent Sales Surtax – Save Our Indian River Lagoon Fiscal Year 2023 Internal Audit Report – Laura Manlove, Director, and Jaime Bardee, Supervisor, RSM US

Jaime Bardee presented the "No Exceptions" finding of RSM's Internal Audit Report: FY 2023 Half-Cent Sales Surtax for the Save Our Indian River Lagoon project.

b. Video - Pilot Project to Test Innovative Technology for Harvesting Algae from the Indian River Lagoon

A video was presented on the Algae Harvesting Barge project. Discussion ensued. Ms. Breeden and Ms. Barker responded to the Committee's questions.

VII. Old Business

No old business was heard.

VIII. New Business

a. 2024 Funding Requests and Recommendations for the 2024 Plan Update

(This item was heard out of order, after item V.d.)

Virginia Barker gave an update on the latest information on inflation and the impact on revenue and project costs. For 2023, revenue grew at approximately 3.6%, with expenses increasing at an estimated 6%. She noted that future inflation is expected to remain constant at 2% and provided projections for revenue through 2026. This results in anticipated revenue being less than what was projected last year by approximately \$801,255. It is projected that inflation will mean that projects will be more expensive than previously budgeted, and the "rainbow" table will be updated to show inflation for each project rather than an annual lump sum as has been previously shown. After calculating inflation, updating final costs for completed projects, and removing withdrawn projects, the anticipated funding available for allocation for 2024 Plan is \$10,784,563.

Terri Breeden then reviewed the 2024 Project Funding Requests received for SOIRL COC consideration. A total of 16 project applications were received, but two withdrew from consideration, leaving 14 projects for consideration.

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

Public Comments were heard.

Vinnie Taranto moved to recommend modifications to the Save Our Indian River Lagoon Project Plan to include the following updates:

- Include all the projects listed in the 2024 Project Funding Request List, with the exception of Projects Numbered 260 and 261 and 262.
- The projects recommended for inclusion in the 2024 Plan Update will be funded as substitutes by removing funding for the following basin projects: Basin 959a, Basin 1434, Basin SJR-97, Basin 1762, Basin 1604.

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – November 17, 2023

- The balance of any available funds would be allocated for Central Indian River Lagoon quick-connect projects.

The Motion was seconded by Stephany Eley, with a proposed amendment to:

- include funding for Project 262.

The proposed amendment was accepted by Vinnie Taranto.

Additional discussion was heard. Motion with amendment was unanimously approved.

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 10:30 a.m.



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 2nd & 4th Saturday at Tropical Trail Exit overpass – [Email Sherill](#)

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:

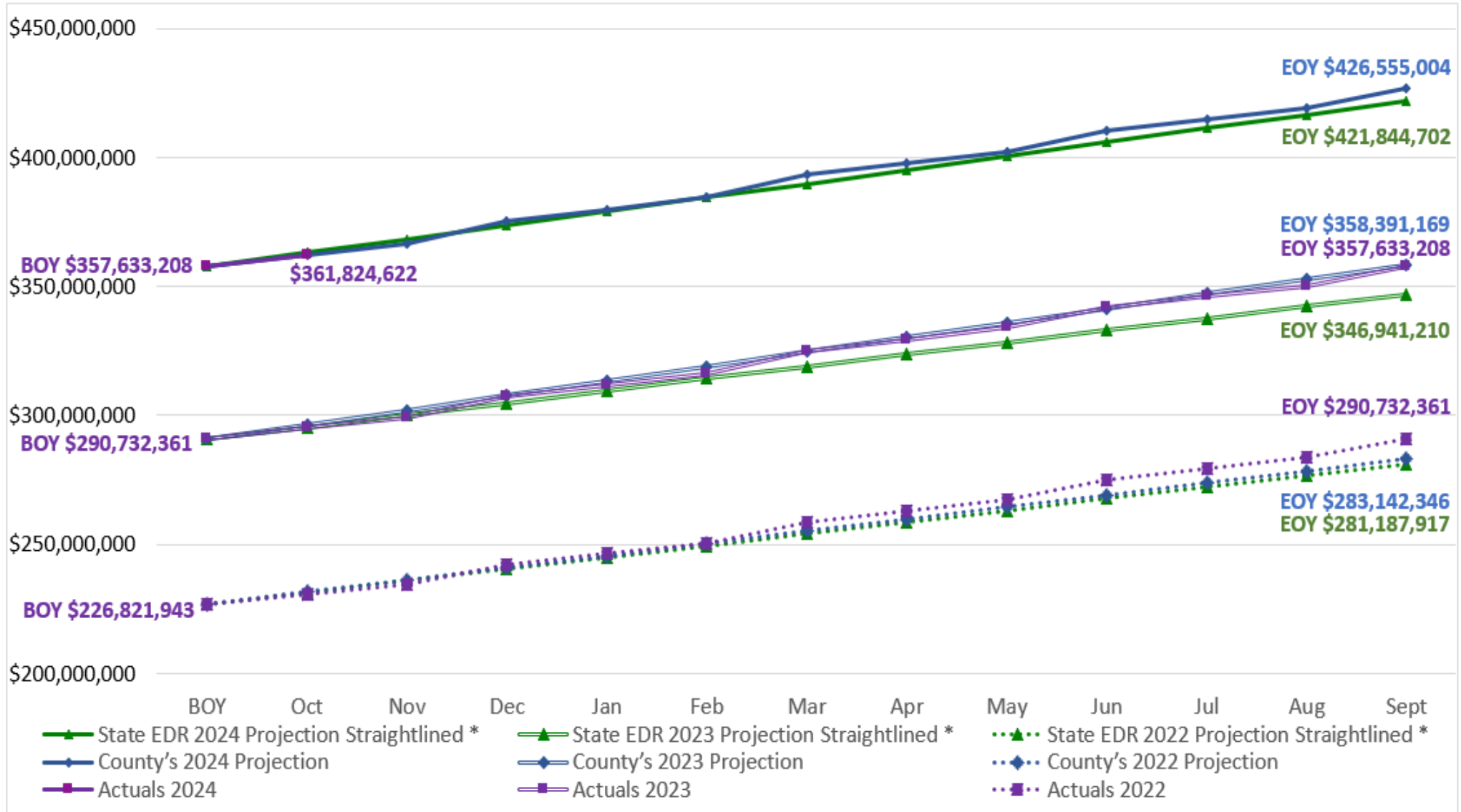
1. Septic Upgrade Rules & Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings
2. Regional Wastewater Treatment Feasibility Study by the Economic Development Commission
3. Surface Water Remediation Technologies
4. Turf grass options and alternatives
5. Lagoon Project Feasibility 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

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		\$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%
Total	\$ 325,496,780	\$ 323,856,996	99.50%

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	\$ -	\$ -
Total	\$ 325,496,780	\$ 62,321,790	\$ 24,123,542

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%
Total	\$ 394,983,378	\$ 6,005,618	1.52%

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	\$ -	\$ -
Total	\$ 394,983,378	\$ 52,292,500	\$ 3,854,467



Save Our Indian River Lagoon
Citizen Oversight Committee
January 19, 2024

Agenda Item:

XIII. a. New Business

Title:

Draft Save Our Indian River Lagoon Project Plan 2024 Update

Requested Action:

After hearing a presentation on the proposed changes contained within the draft document, motion to recommend the *Save Our Indian River Lagoon Project Plan 2024 Update* to the Brevard County Commission for their consideration and adoption.

Summary Explanation and Background:

Each year, new information and project opportunities are incorporated into the Save Our Indian River Lagoon Project Plan through an annual update. The proposed draft update incorporates new information, projects, and modifications. Draft changes to the plan are presented, discussed, and may be modified by the Citizen Oversight Committee. The Committee recommends an annual update of the Save Our Indian River Lagoon Project Plan to the County Commission for adoption.

The Committee's recommendations are presented to the Board of County Commissioners for their inclusion, modification and inclusion, or non-inclusion in the Save Our Indian River Lagoon Project Plan. Per the enabling ordinance for the surtax, the Board shall not act on the Committee's recommendations any sooner than 15 days after posting the draft update on the County's Save Our Indian River Lagoon website.

During plan updates, projects that deliver comparable nutrient removal benefits may be added to the Save Our Indian River Lagoon Project Plan or substituted for funding allocated to other projects in the same sub-lagoon. Unless otherwise agreed to by the County Commission, if a substituted project costs more than the project previously included in the Plan, the requesting partner must provide the balance of costs. During the November 2023 meeting, the Citizen Oversight Committee recommended funding for nine (9) new project requests submitted by the community and five modifications of existing projects.

The ten-year revenue projection for the surtax is reduced from \$586.5 to \$585.7 million, based on lower inflation compared to last year. Revenues are projected to grow by 2.1% in 2024, 1.9% in 2025 and 1.9% in 2026, while construction costs are expected to rise by 6% in 2024, 2025 and 2026. The total cost of projects, performance measures, and 5% reserves included in the proposed 2024 draft is \$585,714,326.