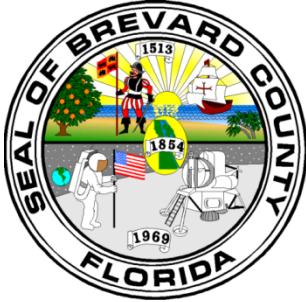


Brevard County
Save Our Indian River Lagoon Project Plan
Citizen Oversight Committee



October 18, 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) Seagrass Mapping – Lauren Hall, St Johns River Water Management District, Environmental Scientist IV, Coastal Section, Bureau of Environmental Sciences
 - b) Seagrass Nurseries – Duane De Freese or Kathy Hill, Indian River Lagoon National Estuary Program, Executive Director or Deputy Director
 - c) Investigating Methods for Seagrass Restoration in the Indian River Lagoon – Jenny Hansen, Brevard County, Environmental Scientist
 - d) Video – Seagrass Restoration Experimental Design
- VII. Old Business
- VIII. New Business
 - a) Brevard County Utilities' Septic to Sewer Contingency Requests for Sykes Creek Zones M, N and/or T
- IX. General Public Comments
- X. Final Comments by Chair and Committee Members
- XI. Adjournment

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

September 20, 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	Yes	Charles Venuto	Yes
Technology	Vinnie Taranto-Chair	Yes	Don Deis	No
Education	Stephany Eley	Yes	Kimberly Newton	Yes
Finance	Todd Swingle	No	Curt Smith	Yes
Tourism	Bobby Putnam	Yes	Laurilee Thompson	Yes
Real Estate	Barbara Wall-Scanlon – Vice Chair	Yes	Eric Mannes	Yes
Lagoon Advocacy	John Windsor	Yes	Terry Casto	Yes

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
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

John Windsor moved to approve the Agenda; seconded by Stephany Eley.

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 Lorraine Koss.

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

V. Progress and Fiscal Reports

a. Monthly Progress Report – Virginia Barker, Director

Virginia Barker presented a review the Monthly Progress Report for September. 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.

VI. Other Reports and Special Presentations

a. Managing Pollutant Loads from Stormwater - Mark Nelson, P.E, Jones Edmunds

Mark Nelson, P.E., gave a PowerPoint presentation on managing pollutant loads from stormwater. Discussion ensued. Mr. Nelson and Ms. Barker responded to the Committee's questions.

b. Updates to the St. Johns River Water Management District's Indian River Lagoon Feasibility Study - Mark Nelson, P.E, Jones Edmunds

Mr. Nelson continued with a second presentation on updates to the St. Johns River Water Management District's Indian River Lagoon Feasibility Study. Discussion ensued. Mr. Nelson and Ms. Barker responded to the Committee's questions.

c. Let's Talk About Seagrass! Strategies to Improve Seagrass Messaging - Amy Durham Shea, Brevard Zoo and Oregon State University

Amy Durham Shea, Brevard Zoo, gave a presentation on seagrass messaging strategies. Discussion ensued. Ms. Shea and Ms. Barker responded to the Committee's questions.

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

Zanielle Wells gave a presentation on public attitudes and impacts on conservation of the Indian River Lagoon Watershed.

(Curt Smith and Chair Vinnie Taranto left the meeting at this time; Barbara Wall-Scanlon assumed duties as Chair)

e. Video – Turkey Creek Offshore Oyster Restoration Project

Brandon Smith presented a video on the offshore Turkey Creek Oyster Restoration project. Discussion ensued. Brandon Smith and Ms. Barker responded to the committee's questions.

VII. Old Business

No old business was heard.

VIII. New Business

No new business was heard.

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 October 2024 Progress Report

WORK COMPLETED THIS MONTH:

- Leaky Lateral Repairs – 15 more for a total of 688 out of 715 code cases resolved plus 18 voluntary repairs
- Quick Connects – 1 more reimbursement processed of 390 to date; 490 agreements executed
- Septic Upgrades – 6 more reimbursements processed of 322 to date; 526 total agreements executed
- Brevard County Septic-to-Sewer – Micco Sewer Line Extension is 100% complete; finalizing as-built surveys; requesting state clearance to begin connecting the parcels
- Sykes Creek Zone T - Environmental Site Assessment complete with no signs of contamination
- University of Central Florida completed 2-year monitoring at Castaway Cove, finding a density of 1,446 oysters per square meter and a mean shell height of 34.6 mm
- Contracts executed – Citizen Science Stormwater Pond Monitoring and Maintenance Pilot Program (\$33,250)
- Derelict Vessels – 1 Vessel Removed

WORK UNDERWAY THIS MONTH:

- 22 new funding applications were received and are being reviewed
- League of Cities to consider renewal requests and emeritus selection for their seats on October 14
- Citizen Oversight Committee Structural Change Ordinance vote delayed by Hurricane Milton to October 22
- 2025 Plan Update drafting is underway
- South Central C Septic-to-Sewer – 108 of 151 homeowner connections completed
- South Beaches A Septic to Sewer – 18 connection agreements executed, 3 more in process
- Brevard County Septic-to-Sewer – Sykes Creek Zone M, N & T bid opening delayed to 10/16 by Hurricane Milton
- Brevard County Septic-to-Sewer – South Banana Zone B, and South Beaches Zones O & P are in the bid queue
- 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 71 Flounder – Contracting design and construction with W&J Construction
- Brevard County Stormwater Basin 958/960 Pioneer - Received and reviewing 1 bid
- Brevard County Stormwater Basin 1280B Flamingo - Received and reviewing 2 bids
- Grand Canal Muck Dredging – underway- approximately 414,340 cubic yards dredged as of 9/30/2024
- Sykes Creek Phase 2 Muck Dredging - Seagrass survey in progress
- Eau Gallie Muck Dredging – Bid Technical Specifications in development for redesigned project
- Titusville Causeway Multi-Trophic Restoration & Living Shorelines Resiliency Project – Over 280 Wave Attenuation Devices poured; nearshore placement to begin in November
- Seagrass and Oyster Restoration Resilience Project – Ecological Associates is conducting monthly monitoring and Aquatech is maintaining the herbivory exclusion devices
- 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, and 7 amendments in review
- Education and Outreach – Scoping first annual Task Order with SparkTide
- Videos –Rockledge Flow Equalization Basin awaiting editing

Complete	95
In Progress	96
Complete + In Progress	191
Total Projects in the Plan	

PRESENTATIONS THIS MONTH:

- September 27 – Oyster Gardener Homecoming – Abbey and Brandon
- September 28 – Space Coast Science Education Alliance “Research Rules” – Melanie
- September 28 Oyster – Gardener Training – Abbey
- October 1 – America’s Boating Club – Brandon
- October 15 – Gardener Training – Brandon
- October 19 – Gardener Training – Abbey
- October 19 – Little Growers Make a Green Noise – Virginia
- October 22 – Gardener Training – Brandon

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

- October 23 – Ocean Research and Conservation Association [Report to Citizen Scientists](#)
- October 26 – [Indian River Lagoon Science Festival](#)
- November 9 – Indian River Lagoon Day
- November 12 – Ocean Research and Conservation Association [Lecture Series Lagoon 101](#)
- December 10 – Brevard Indian River Lagoon Coalition Straight Talk

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

- October 17 – Ocean Research and Conservation Association [Particle Analysis](#)
- October 21 – Ocean Research and Conservation Association [Pollution Mapping Training](#)
- October 26 – Marine Resource Council [Mangrove Workshop](#)
- October 26 – Waterway Warriors [Indian River Lagoon Cleanup](#)
- November 1 – Marine Resources Council [First Friday Litter Patrol](#)
- November 8 – Marine Resource Council [Mangrove Workshop](#)
- November 9 – Waterway Warriors [Indian River Lagoon Cleanup](#)

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:

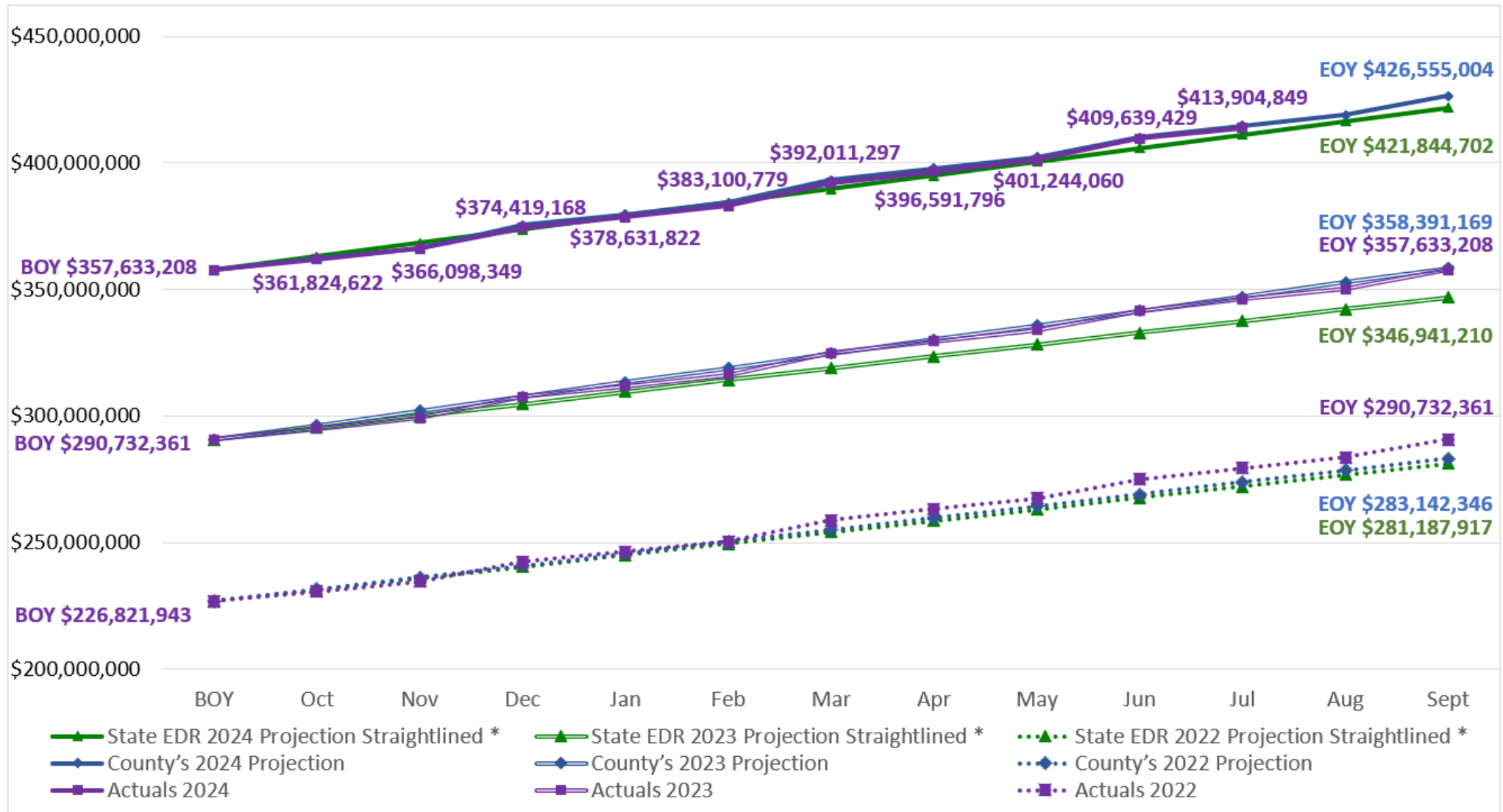
- Vessel Mooring, Anchoring and Pump-out Enforcement
- Lagoon Projects - Managed and Funded by Other Agencies, Entities, or Grant Programs
- Project Performance Measurements and Cost-Effectiveness Results - McNabb Shoreline Projects
- Inground Nitrogen Reducing Bioreactor Septic Drain Field Pilot Project Findings
- Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
- Turf Grass Options and Alternatives
- Integrated Herbicide Management

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	\$413,904,849	\$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 – 01 October 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	\$ 56,271,641	81.88%
Interest Earned	\$ 8,448,058	\$ 12,880,689	152.47%
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	\$ 160,682	61.06%
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	\$ 379,302,020	90.67%

Expenditures (Roll-Up)	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 1,400,177	\$ 1,404,838	\$ 1,221,057
Operating Expenses	\$ 266,244	\$ 242,738	\$ 234,717
Capital Outlay	\$ 114,502	\$ 104,318	\$ 104,318
SOIRL Projects funded under Operating Expenses (Non-Capital County Project & Programs)	\$ 3,552,382	\$ 2,085,757	\$ 1,032,933
SOIRL Projects funded under Capital Improvement (County Projects over \$35K)	\$ 190,516,852	\$ 29,850,985	\$ 9,082,578
SOIRL Projects funded under Aid to Gov't Agencies (Cities & Water Management Districts)	\$ 98,719,082	\$ 24,601,067	\$ 1,666,161
SOIRL Projects funded under Aid to Private Organizations (Property Owners & Non-Government Organizations)	\$ 41,184,114	\$ 11,201,795	\$ 6,647,276
Contingency	\$ 15,828,710	\$ -	\$ -
Reserves (for approved projects scheduled beyond this fiscal year)	\$ 66,753,061	\$ -	\$ -
Total	\$ 418,335,124	\$ 69,491,497	\$ 19,989,041



Save Our Indian River Lagoon
 Citizen Oversight Committee
 October 18, 2024

Agenda Item:

VIII. a. New Business

Title:

Brevard County contingency funding requests for Sykes Creek Zone M, Sykes Creek Zone N, and/or Sykes Creek Zone T sewer projects.

Requested Action:

Motion to recommend approval of contingency funding increases for the Brevard County Sykes Creek Zone M, Sykes Creek Zone N, and/or Sykes Creek Zone T sewer projects.

Summary Explanation and Background:

These three projects consist of engineering and constructing vacuum sewer in three separate neighborhoods. Engineering and permitting for each project is complete. They are currently advertised for competitive procurement, with bids due October 16th. The projects are being bid together to realize an economy of scale; however, construction costs are increasing continuously. Depending on the bid results, contingency may be needed to offset budget shortfalls so that the County can proceed with award and construction and prevent indefinite project delays.

For each project, Save Our Indian River Lagoon (SOIRL) funding was used to apply for and secure state grants. The table below shows the number of lots, the nitrogen reduction benefit, SOIRL funding and grant funding for each project area.

Project	Lots	Total Nitrogen Reduction	Inflated SOIRL Cost-Share	Secured Grant Funding	Total Available Budget
Sykes Creek Zone M	56	1,798	\$3,221,730	\$2,291,936	\$5,513,666
Sykes Creek Zone N	91	2,784	\$4,988,485	\$7,593,774	\$12,582,259
Sykes Creek Zone T	148	3,360	\$6,020,586	\$7,593,774	\$14,753,466



Section 5.1 of the Save Our Indian River Lagoon Project Plan allows the Contingency Fund Reserve to be used to increase funding for approved projects with reasonable funding shortfalls that may occur during project implementation and would delay implementation or completion of that project unless a ready source of funds is on hand.

Staff seeks a recommendation from the Citizen Oversight Committee on contingency funding for the Brevard County Sykes Creek Zone M, Sykes Creek Zone N, and/or Sykes Creek Zone T sewer projects, as needed, to cover increasing construction costs.