

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

January 15, 2021 – 8:30 to 11:30 am
Brevard County Government Center
2725 Judge Fran Jamieson Way Viera,
Florida 32940

County Commission Chambers and On-line via Zoom Conference

- I. Call to Order
- II. Roll Call
- III. Acceptance of Virtual Votes
- IV. Approval of the Agenda
- V. Approval of Minutes
- VI. Progress and Fiscal Reports
 - a. Monthly Progress Report – Virginia Barker, Director
 - b. Monthly Revenue Graph – Crystal Melton, Fiscal Analyst
 - c. Revenue Projection Update - Virginia Barker, Director
- VII. Other Reports and Special Presentations
 - a. Project Video – My Lagoon Story, Stephany Eley
 - b. Helping the Lagoon Through Advocacy, Education and Citizen Engagement – Bo Platt, Board Vice President, Brevard Indian River Lagoon Coalition
 - c. Private Package Plant Opportunities – Matt Badolato, Environmental Specialist
- VIII. Old Business
- IX. New Business
 - a. Draft Save Our Indian River Lagoon Project Plan 2021 Update – Marcy Frick, Tetra Tech Inc. and Virginia Barker, Director
- X. General Public Comments
- XI. Final Comments by Chair and Committee Members
- XII. Adjournment

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

November 20, 2020 – 8:30 a.m.
2725 Judge Fran Jamieson Way,
County Commission Chambers and On-line Zoom Conference
Viera, FL 32940

Members Present:

Expertise	Member	Present	Alternate	Present
Science	Lorraine Koss	Yes	Charles Venuto	Yes
Technology	John Luznar	No	Vinnie Taranto	Yes
Education	Stephany Eley	Yes	Kimberly Newton	Yes
Finance	Courtney Barker-Vice-Chair	Yes	Todd Swingle	Yes
Tourism	David Lane	Yes	Laurilee Thompson	Yes
Real Estate	Jay Moynahan	Yes	Dennis Basile	Yes
Lagoon Advocacy	John Windsor – Chair	Yes	Terry Casto	Yes

Staff Present:

Virginia Barker, Brevard County Natural Resources Management Director
Alex Esseesse, Assistant County Attorney
Matt Badolato, Associate Environmental Specialist
Terri Breeden, Environmental Specialist
Jenny Hansen, Associate Environmental Specialist
Courtney Maier, Engineer
Walker Dawson, Engineer III
Anthony Gubler, Environmental Specialist
Crystal Melton, Fiscal Analyst

I. Call to Order

II. Roll Call

A quorum was established.

III. Approval of the Agenda

Courtney Barker moved to approve the Agenda as written; Seconded by Stephany Eley. Motion was unanimously approved.

Discussion regarding the State mandate for an in-person quorum during the ongoing pandemic, and whether members of the Committee attending via zoom could vote on issues considered at the meeting ensued. The Committee's questions were answered by Virginia Barker.

Stephany Eley moved that the Committee accept the votes on issues considered at the meeting of any members not in the room and attending via zoom, due to

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – November 20, 2020

extenuating circumstances; Seconded by Lorraine Koss. Motion was unanimously approved.

Motion was approved unanimously.

IV. Approval of Minutes

Vinnie Taranto moved to approve the October 16, 2020 minutes as written; Seconded by Courtney Barker. Motion was unanimously approved.

V. Progress and Fiscal Reports

a. Monthly Progress Report – Virginia Barker

The Monthly Progress Report was given by Virginia Barker.

Discussion ensued. The Committee's questions were answered by Virginia Barker.

b. Monthly Revenue Graph – Virginia Barker, Director

Virginia Barker reported on the Monthly Revenue Graph.

Discuss ensued. The Committee's questions were answered by Virginia Barker.

c. Quarterly Financial Statement – Crystal Melton

Crystal Melton reported on the Quarterly Financial Statement.

Discussion ensued. The Committee's questions were answered by Crystal Melton and Virginia Barker.

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

The Committee was provided with copies of the Quarterly Save Our Indian River Lagoon Project Performance Table.

Ms. Barker introduced Alex Esseesse, Assistant County Attorney, due to a legal issue that had been discovered.

Mr. Esseesse noted that after reviewing the Committee By-Law's, it was determined that an in-person quorum consists of five voting members, and not four. Mr. Esseesse mentioned that the meeting could continue for discussion, however, no formal action could be taken by the Committee. Discussion ensued.

The Committee's questions were answered by Mr. Esseesse and Virginia Barker. Dennis Basile offered to drive to the Government Center to attend the meeting in person in order to establish the five in-person quorum mandated by the State.

VI. Other Reports and Special Presentations

a. My Lagoon Story Video Featuring Kimberly Newton

(Items VI.a and VI.b. were heard out of order.)

A My Lagoon Story video featuring Kimberly Newton was shown.

b. Citizen Science Video Featuring Missy Weiss of ORCA

A Citizen Science video, featuring Miss Weiss of ORCA was shown.

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – November 20, 2020

Terri Breeden showed a slide of the Revised Fiscal Report for the Committee's feedback while awaiting Mr. Basile's arrival to the Government Center.

Discussion ensued. The Committee's questions were answered by Terri Breeden, Crystal Melton, and Virginia Barker.

Ten (10) Minute Break

Dennis Basile arrived to the meeting at this time. A quorum was established.

Motions at the beginning of the meeting were restated and voted on with the quorum present.

Stephany Eley moved that the Committee accept the votes of any members not in the room and attending via zoom due to extenuating circumstances on issues considered at the meeting; Seconded by Lorraine Koss. Motion was unanimously approved.

Chair Windsor directed staff to add the acceptance of virtual votes to future agendas as the first item.

Jay Moynahan officially withdrew from the meeting after the break and did not participate any further except as a public observer.

Lorraine Koss moved to approve the November 20, 2020 Agenda and the October 16, 2020 Save Our Indian River Lagoon Citizen Oversight Committee Minutes as written; Seconded by Vinnie Taranto. Motion was unanimously approved.

c. 2021 Project Funding Requests – Terri Breeden

Terri Breeden reported on 2021 Project Funding Requests submittals.

Discussion ensued. The Committee's questions were answered by Terri Breeden and Virginia Barker.

d. Private Package Plant Loading Update – Matt Badolato

Matt Badolato gave a power point presentation entitled, Package Plants 2021 Updates. Topics included: 1) Package Plants; 2) Sprayfields; 3) Rapid Infiltration Basins; 4) Connections to Sewer; 5) Upgrades to Rapid Infiltration Basins and Sprayfields; and, 6) Public Wastewater Treatment Facilities.

Discussion ensued. The Committee's questions were answered by Matt Badolato, Virginia Barker and Todd Swingle.

e. Latest Revenue Projection Update – Virginia Barker

Virginia Barker gave a power point presentation on the latest revenue projection. Topics included 1) 2021 Plan Challenges; 2) Reduced Revenues in 2020; 3) 10-Year Projection; 4) Reduced Inflation; and, 5) Balancing the 2021 Plan Update.

(Items VI.f., Project Substitution Options and New Business Item VIII.a, 2021 Project Funding Recommendations for the 2021 Plan Update, were considered at this time.)

Discussion ensued. The Committee's questions were answered by Virginia Barker.

Public Comments were heard.

Save Our Indian River Lagoon Citizen Oversight Committee Meeting
MINUTES – November 20, 2020

Stephany Eley moved to: 1) accept the Plan as presented by staff, with the exception of holding off on the Rapid Infiltration Basin Sprayfield Projects; 2) ask staff to determine the best model project and bring back to the Citizen Oversight Committee; and, 3) that the remaining funds that were requested for those projects would go into the Contingency Fund as well as the additional \$200,000 funds that were leftover; Seconded by Courtney Barker.

Discussion ensued. The Committee's questions were answered by Virginia Barker. Motion was unanimously approved.

f. Project Substitution Options – Virginia Barker

(This item was considered under VI.e., Latest Revenue Projection Update.)

VII. Old Business

None.

VIII. New Business

a. 2021 Project Funding Recommendations for the 2021 Plan Update

(This item was considered under VI.e, Latest Revenue Projection Update.)

b. 2021 Meeting Calendar

Vinnie Taranto moved to accept the 2021 Meeting Calendar as presented; Seconded by Lorraine Koss. Motion was unanimously approved.

IX. General Public Comment

None.

X. Final Comments by Chair and Committee Members

Final Comments were heard.

Discussion regarding Committee Member's term expirations, vacancies, and appointments/reappointments ensued. The Committee's questions were answered by Virginia Barker.

Stephany Eley moved that the Committee direct staff to work with Chair Windsor to draft a letter of recommendation to send to the County Commission stating that the Committee is aware that seats are available, and to request that alternates who have served a number of years be promoted to voting members to continue institutional knowledge; Seconded by Courtney Barker. Discussion ensued.

There were no public comments.

Motion was unanimously approved.

XI. Adjournment



Save Our Indian River Lagoon Project Plan January 2021 Progress Report

WORK COMPLETED THIS MONTH:

- Revenue forecasts were revised following arrival of September monthly and quarterly collections
- Save Our Indian River Lagoon Project Plan 2021 Update - final draft submitted for Committee review
- Plumbers - Pre-qualification RFQ extended until January 29th
- Stormwater Basins 100 and 1298 are constructed
- Grand Canal Muck Dredging –Manatee closure began December 1st; No dredging to occur until March
- Cocoa Beach Golf Muck Project – Field data collection and design task order executed
- University of Central Florida found an average of 48 oysters per bag at Marina Isles, with an average of 2 bridges between adjacent bags, and recruited oysters grown to the size class of the gardened oysters
- Deployment of alternative oyster restoration material test treatments in the Banana and Indian Rivers
- MTN Fertilizer and Septic Outreach contract was executed for fiscal year 20/21
- Video Production – Stephany Eley’s My Lagoon Story completed
- Derelict Vessels – 3 additional derelict vessels were removed

WORK UNDERWAY THIS MONTH:

- Homeowner grants – Tax exemption request package submission to United States Department of Agriculture Natural Resources Conservation Service
- Developing an online grant application portal for septic upgrades, sewer connections and repairs
- Contracting for new grants approved by St Johns River Water Management District Governing Board
- Quarterly reports for federal and state grants
- Beaches Leaking Sewer Laterals – 28 repairs complete; 9 reimbursements processed to date
- Cone Road Septic-to-Sewer Phase 2 – 48 properties connected; 10 remaining
- Sykes Creek N Septic-to-Sewer – Project design started. Lift station relocation to start in January
- Sykes Creek M & T Septic-to-Sewer – Starting property acquisition for lift station lots
- South Central C Septic-to-Sewer – Utilities is commenting on latest Right-Of-Way permit comments
- Septic Upgrades – 160 applications approved; 55 in progress; 11 reimbursements completed
- Septic Load Estimation for all parcels county-wide is underway to support pro-rated grant options
- Stormwater Basin 22 is under construction
- Stormwater Basins 998, 1066, and 1124 - Task orders are being prepared for project designs
- Cocoa Beach Phase IIb Muck Dredging – Dredging is approximately 70% complete
- Sykes Creek Phase I Muck Dredging – contractor responded to 3rd request for additional information
- Eau Gallie Northeast Muck Project –Preparing federal permit modification request for dredging pipeline to cross the Intercoastal Waterway
- Processing first month of abiotic monitoring data from oyster restoration material test
- Sykes M, Sykes N, Sykes T, and South Central C Septic to Sewer projects - Notice of Funding sent
- Huntington, Johns Road, and Kingsmill stormwater projects - Notice of Funding sent
- Sylvan Estates and Cliff Creek - no-cost time extension amendments executed



PRESENTATIONS THIS MONTH:

December 10 – Melbourne Chamber of Commerce Annual Retreat - Virginia

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

January 5 – Marine Resources Council Lunch and Learn Webinar: Florida Trails Association

Ongoing - [Marine Resources Council 3rd-6th grade Virtual Learning](#)

January 12 & 26, February 9 & 23, March 9 & 23 – Virtual Water Ambassador Program, Various Speakers – [email Lisa Krimsky for details](#)

February 18 & 19 – [Indian River Lagoon Symposium - Call for Presenters Underway](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo – [Teacher Drive Thru Adopt-A-Mangrove](#) – November 16

Rotary Park rain garden maintenance – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

Storm drain marking in Melbourne – [Email Nicole Broquet for opportunities](#)

Merritt Island National Wildlife Refuge Trash Cleanups Tuesday & Saturdays – [Email Micah Thomas](#)

WEBSITE AND SOCIAL MEDIA LINKS:

[Lagoon Loyal Outreach and 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](#)

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

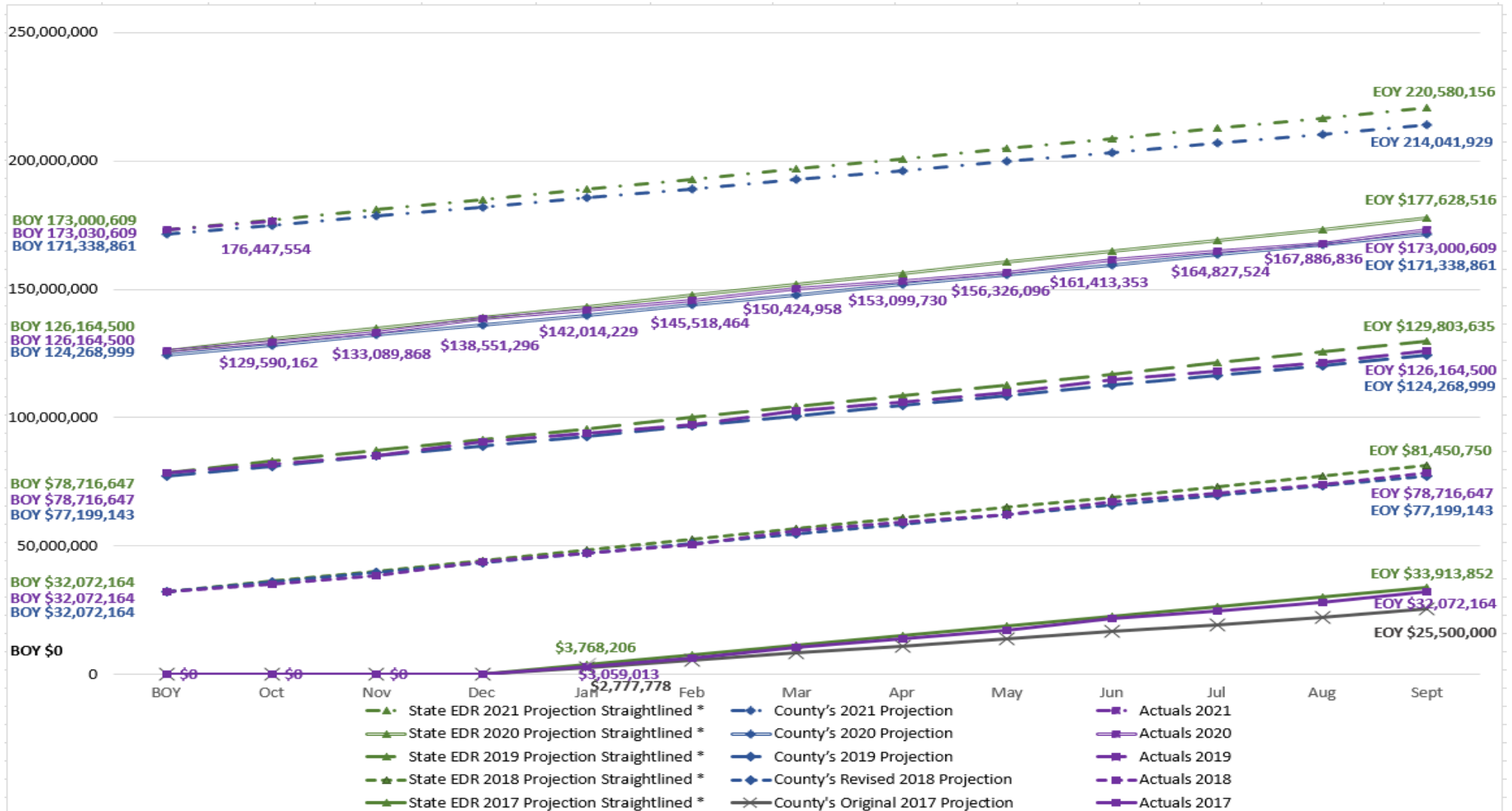
1. Wastewater Utility Asset Management Planning – Todd Swingle
2. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
3. Surface Water Remediation – Phosphorus Free, S.W.I.G., D.T.G., Chemical Tech, HABITATS
4. New Enhanced Ocean Inflow Research – Florida Tech Research Initiative
5. Completed and Ongoing Muck Research – Florida Tech Research Initiative
6. Indian River Lagoon Research News: TechCon, Shore, and Harbor Branch Symposium Highlights
7. Water Technology Conference/Industry Day – Economic Development and National Estuary Program
8. Coordinating Spoil Management with Florida Inland Navigation District
9. Pollution and Algal Bloom Mapping via Satellite Imagery Interpretation - Gybe
10. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
11. Lagoon projects managed and funded by other agencies, entities or grant programs
12. Climate change impacts to the Lagoon – Randy Parkinson
13. Low Impact Development – Local examples
14. Project Monitoring Results

Save Our Indian River Lagoon Revenues Cumulative Graph

Fiscal Year 16-17 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 16-17 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 16-17 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 16-17 to Current Fiscal Year Table

Month	State EDR 2021 Projection Straightlined *	County's 2021 Projection	Actuals 2021	State EDR 2020 Projection Straightlined *	County's 2020 Projection	Actuals 2020	State EDR 2019 Projection Straightlined *	County's 2019 Projection	Actuals 2019
BOY	173,030,609	171,338,861	173,030,609	126,164,500	124,268,999	126,164,500	\$78,716,647	\$77,199,143	\$78,716,647
Oct	176,965,571	174,897,450	176,447,554	130,453,168	128,191,487	\$129,590,162	\$82,973,896	\$81,121,631	\$81,926,390
Nov	180,930,533	178,456,039		134,741,836	132,113,976	\$133,089,868	\$87,231,145	\$85,044,119	\$85,225,970
Dec	184,895,496	182,014,628		139,030,504	136,036,464	\$138,551,296	\$91,488,394	\$88,966,607	\$90,640,944
Jan	188,860,458	185,573,217		143,319,172	139,958,953	\$142,014,229	\$95,745,643	\$92,889,095	\$93,950,291
Feb	192,825,420	189,131,806		147,607,840	143,881,441	\$145,518,464	\$100,002,892	\$96,811,583	\$97,296,142
Mar	196,790,382	192,690,395		151,896,508	147,803,930	\$150,424,958	\$104,260,141	\$100,734,071	\$102,671,360
Apr	200,755,345	196,248,984		156,185,176	151,726,418	\$153,099,730	\$108,517,390	\$104,656,559	\$106,219,161
May	204,720,307	199,807,573		160,473,844	155,648,907	\$156,326,096	\$112,774,639	\$108,579,047	\$109,784,828
Jun	208,685,269	203,366,162		164,762,512	159,571,395	\$161,413,353	\$117,031,888	\$112,501,535	\$114,720,850
Jul	212,650,231	206,924,751		169,051,180	163,493,884	\$164,827,524	\$121,289,137	\$116,424,023	\$118,207,520
Aug	216,615,194	210,483,340		173,339,848	167,416,372	\$167,886,836	\$125,546,386	\$120,346,511	\$121,640,336
Sept	220,580,156	214,041,929		177,628,516	171,338,861	\$173,000,609	\$129,803,635	\$124,268,999	\$126,164,500

Save Our Indian River Lagoon Revenues Cumulative Chart Fiscal Year 16-17 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

Month	State EDR 2018 Projection Straightlined *	County's Revised 2018 Projection	Actuals 2018	State EDR 2017 Projection Straightlined *	County's Original 2017 Projection	Actuals 2017
BOY	\$32,072,164	\$32,072,164	\$32,072,164	zero	zero	zero
Oct	\$36,187,046	\$35,832,746	\$35,300,032	zero	zero	zero
Nov	\$40,301,929	\$39,593,327	\$38,647,632	zero	zero	zero
Dec	\$44,416,811	\$43,353,909	\$43,870,270	0	0	0
Jan	\$48,531,693	\$47,114,490	\$47,150,412	\$3,768,206	\$2,777,778	\$3,059,013
Feb	\$52,646,575	\$50,875,072	\$50,484,322	\$7,536,412	\$5,555,556	\$6,217,230
Mar	\$56,761,457	\$54,635,653	\$55,782,660	\$11,304,617	\$8,333,334	\$10,686,395
Apr	\$60,876,340	\$58,396,235	\$59,191,675	\$15,072,823	\$11,111,112	\$13,941,510
May	\$64,991,222	\$62,156,817	\$62,444,639	\$18,841,029	\$13,888,890	\$17,177,137
Jun	\$69,106,104	\$65,917,398	\$67,409,450	\$22,609,235	\$16,666,668	\$21,754,009
Jul	\$73,220,986	\$69,677,980	\$70,776,206	\$26,377,441	\$19,444,446	\$24,898,729
Aug	\$77,335,868	\$73,438,561	\$74,021,947	\$30,145,647	\$22,222,224	\$27,890,034
Sept	\$81,450,750	\$77,199,143	\$78,716,647	\$33,913,852	\$25,500,000	\$32,072,164



Save Our Indian River Lagoon
Citizen Oversight Committee
January 15, 2021

Agenda Item:

IX. a. New Business

Title:

Draft Save Our Indian River Lagoon Project Plan 2021 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 2021 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 of the draft plan 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 2020 meeting, the Citizen Oversight Committee recommended adding twenty-four (24) new projects that were submitted by the community plus six (6) projects identified by staff.

The total revenue expectation from the ten-year surtax is decreased from \$494 to \$489 million, including economic growth. The total cost of projects, performance measures and reserves included in the proposed 2021 draft, with 2.5% inflation, is \$489 million.