

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

August 19, 2022 – 8:30 to 11:30 am
Brevard County Government Center
2725 Judge Fran Jamieson Way
Building C, 3rd Floor, Florida Room
Viera, Florida 32940 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 – Terri Breeden, Environmental Section Supervisor
 - b. Monthly Revenue Graph & Financial Statement – Crystal Melton, Finance Manager
 - i. Revised graph – Committee discussion
 - c. Quarterly Financial and Grants Statement– Crystal Melton, Finance Manager
 - d. Quarterly Save Our Indian River Lagoon Project Performance Table Update – Terri Breeden, Environmental Section Supervisor
- VII. Other Reports and Special Presentations
 - a. Green Infrastructure: What, Why and Where – Chris Bogdan, National Business Development Manager, Ferguson Waterworks, Urban Green Infrastructure Division
 - b. Bio-Activated Media Performance and Maintenance Requirements – Chris Bogdan, National Business Development Manager, Ferguson Waterworks, Urban Green Infrastructure Division
 - c. Project Videos – Brevard Zoo/University of Florida Clam Restoration & McNabb Park Oyster Prisms
- VIII. Old Business
- IX. New Business
 - a. Septic Upgrade Program Retroactive Payment Requests – Matt Badolato, Associate Environmental Specialist
 - b. Communication Expansion Discussion – Brandon Smith, Environmental Specialist
- X. General Public Comments
- XI. Final Comments by Chair and Committee Members
- XII. Adjournment

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

July 15, 2022 – 8:30 a.m.

2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor,
Florida Room and On-Line via Zoom Conference
Viera, FL 32940

Members Present:

Expertise	Member	Present	Alternate	Present
Science	Lorraine Koss	Yes	Charles Venuto	No
Technology	Vinnie Taranto - Chair	Yes	David Sherrer	Yes
Education	Stephany Eley	Yes	Kimberly Newton	No
Finance	Courtney Barker	No	Todd Swingle	Yes
Tourism	David Lane Vice-Chair	No	Laurilee Thompson	Yes
Real Estate	Susan Hodgers	Yes	Eric Mannes	No
Lagoon Advocacy	John Windsor	Yes	Terry Casto	Yes

Staff Present:

Virginia Barker, Brevard County Natural Resources Management Director
Heather Balser, Assistant County Attorney
Sarah Beazley, Assistant County Attorney
Terri Breeden, Environmental Section Supervisor
Brandon Smith, Environmental Specialist III
Matt Badolato, Associate Environmental Specialist
Beb Sebastian, Associate Environmental Specialist
Crystal Melton, Department Finance Manager
Courtney Maier, Engineer I
Jenny Hansen, Environmental Scientist
Carol Gerundo, Executive Secretary

I. Call to Order

II. Roll Call

III. Acceptance of Virtual Votes

John Windsor moved to allow Committee Members, who were attending online via Zoom, to vote virtually; seconded by Laurilee Thompson.

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

IV. Approval of the Agenda

John Windsor moved to approve the Agenda as written; Seconded by Laurilee Thompson. Discussion regarding a late arrival email from a citizen inquiring about Homeowner Grant Retroactive Payments ensued.

John Windsor moved to amend the motion to add the item “Homeowner Grant Retroactive Payments” as New Business, Item IX.d.; seconded by Laurilee Thompson.

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

V. Approval of Minutes

John Windsor moved to approve the Minutes as written; seconded by Todd Swingle.

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

VI. Progress and Fiscal Reports

a. Monthly Progress Report – Virginia Barker, Director

The Monthly Progress Report was given by Virginia Barker.

Discussion ensued. Virginia Barker, responded to the Committee’s questions.

b. Monthly Revenue Graph & Financial Statement Crystal Melton, Finance Manager

Crystal Melton reported on the Monthly Revenue Graph.

Discussion ensued. Crystal Melton and Virginia Barker responded to the Committee’s questions.

The Committee suggested that the first three (3) years of the Cumulative Graph be removed since the graph was becoming crowded and difficult to read.

John Windsor moved to have the Cumulative Graph reflect the current year and the two (2) prior years moving forward; seconded by Laurilee Thompson.

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

VII. Other Reports and Special Presentations

a. Outreach Story Maps & Newsletter – Brandon Smith, Environmental Specialist III

Brandon Smith presented information on the Outreach Story Map and Newsletter. Topics included: 1) QR Code; 2) New Story Map general information on the program and latest progress; 3) How to scroll and tab to different sections for updates on project status, financials, pollution reduction & removal, habitat restorations,

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homeowner grants, derelict vessel removal, oyster restoration, and 4) Monthly Newsletter and sign-up information

There was much discussion on communication and outreach. Virginia Barker and Brandon Smith responded to the Committee's questions.

b. Oyster Material Testing – Dr. Jenny Hansen, Environmental Scientist

Dr. Hansen gave a power point presentation entitled, Testing Alternative Oyster Restoration. Topics included: 1) Benefits of Oyster Bars; 2) Objectives; 3) Research Questions; 4) Design; 5) Metrics; 6) Site Data Results; 7) Damage and Fouling Results; 8) Oyster Density Results; 9) Oyster Growth Results; 10) Conclusions; and, 11) Acknowledgments.

Discussion ensued. Dr. Hansen and Virginia Barker responded to the Committee's questions.

(Short Break)

c. Project Videos – Derelict Vessel Removal & 2022 Lagoon Water Clarity Conditions

Project videos, 2022 Lagoon Water Clarity Conditions and Derelict Vessel Removal were shown.

Discussion ensued. Virginia Barker responded to the Committee's comments regarding requests for a voiceover for the 2022 Lagoon Water Clarity Conditions video.

There was some discussion regarding derelict vessel removal. Virginia Barker responded to the Committee's questions regarding derelict vessel removal.

VIII. Old Business

None.

IX. New Business

a. 2023 Plan Update Schedule

Virginia Barker reviewed the proposed schedule for the 2023 Update of the Save Our Indian River Lagoon Project Plan. Timelines and deadlines addressed: 1) Updates to the Cost Share Eligibility; 2) Project Submittal and Committee's Reviews; and 3) the Draft 2023 Plan Update.

John Windsor moved to approve the proposed schedule for the 2023 Update of the Save Our Indian River Lagoon Project Plan; seconded by Laurilee Thompson.

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

b. 2023 Cost Share Eligibility by Project Type

Virginia Barker reviewed the proposed cost share eligibility by project type proposed for the 2023 Save Our Indian River Lagoon Project Plan Update. It was noted that draft cost shares are based on the average cost of each project type approved in the Save Our Indian River Lagoon Project Plan, as amended with the following exceptions: 1) Maximum cost share for Septic System Removal by Sewer Extension reflects the Board of County Commissioner's approved rate of up to \$1500 per pound of nitrogen load reduction for septic to sewer projects; 2) Maximum cost share for Septic Upgrades of \$1200 per pound of nitrogen load reduction was approved in 2022 update; 3) Keeping the prior maximum cost share of \$110 for Vegetation Harvesting because the \$70 average cost in the plan reflects the economies of scale of the Melbourne Tillman project, which is not representative of typical project costs; and 4) Keeping the prior maximum cost shares offered for Stormwater Treatment Projects by location: \$313 on the Mainland, \$370 on Merritt Island and \$446 on the Beaches. The \$175 average cost in the plan reflects the economy of scale of the M1-Crane Creek Rediversion Project, which is not representative of typical projects costs.

John Windsor moved to recommend offering the proposed cost shares to recruit project proposals for the 2023 Save Our Indian River Lagoon Project Plan Update; seconded by Laurilee Thompson.

Discussion ensued. Virginia Barker responded to the Committee's questions.

Public comment for the motion was heard.

At this time Chair Taranto noted that a motion was needed to extend the meeting.

John Windsor moved to extend the meeting for twenty (20) minutes; seconded by Todd Swingle.

There was no public comment for the motion. Motion to extend the meeting for twenty (20) minutes was unanimously approved.

The vote for the item on the floor, IX.b., New Business, 2023 Cost Share Eligibility by Project type was taken.

Motion was unanimously approved.

c. Cove Condominium Sewer Connection Funding Request

Virginia Barker gave a summary explanation and background of the Package Plant Conversion to Central Sewer funding request from Mr. Ron Bockhold for the Cove Condominium, 1 Cove Road, Melbourne Beach.

John Windsor moved to recommend staff work with representatives of the Cove Condominium to submit a funding application to be considered by the Citizen

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Oversight Committee and County Commission for the 2023 Save Our Indian River Lagoon Project Plan Update to replace their package treatment plant with connection to County central sewer service; seconded by Susan Hodggers.

Discussion ensued. Virginia Barker responded to the Committee's questions.

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

IX.d. Homeowner Grant Retroactive Payments

Virginia Barker gave a summary explanation of an email request from Will Lytle (Homeowner) for Septic Reimbursement. The homeowner contacted Brevard County Natural Resources Management in 2020 after reading an article about the Septic Tank Reimbursement Program; however, no monies were available at that time. The homeowner upgraded his septic system to an advanced septic system at his cost. The homeowner received a postcard from Brevard County Natural Resources Management in May of 2022 indicating that his property was eligible for a septic upgrade. The homeowner is requesting consideration for receiving retro-active grant assistance for the upgrade. It was noted that there were a few other homeowners who upgraded to an advanced system before receiving homeowner reimbursement grant approval.

A slide, Homeowner Grant Retroactive Payments, showing possible conditions for consideration, was shown by Matt Badolato.

Discussion ensued. Virginia Barker responded to the Committee's questions.

John Windsor moved to table the item until the August meeting; seconded by Susan Hodggers.

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

Todd Swingle moved to extend the meeting for fifteen (15) minutes; seconded by Susan Hodggers.

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

X. General Public Comments

General public comments were heard.

XI. Final Comments by Chair and Committee Members

Final Comments were heard.

XII. Adjournment



Save Our Indian River Lagoon Project Plan August 2022 Progress Report

WORK COMPLETED THIS MONTH:

- Smoke Testing complete - Homeowner grant requests arriving in response to code enforcement letters
- Sykes Creek Phase 1 Muck Dredging – Dredge Material Management Area construction complete
- Septic Upgrades – 4 more reimbursements processed for a total of 83 completed to date; 213 homeowner cost-share agreements executed
- University of Central Florida completed the 24-month monitoring of the Ahmed-Niland oyster bar and found an average of 63 oysters per bag with both growth (>60mm) and new recruits (<40mm).
- Derelict Vessels removed this month – 1
- Contracts Executed - West Melbourne's Lake Ashley Circle and Dundee/Manor Place, Titusville's Sand Point Park Baffle Box, and Sykes Creek M & T Septic to Sewer Vacuum Design contract executed
- Video Completed – McNabb Oyster Prism

WORK UNDERWAY THIS MONTH:

- 2023 Application Portal open August 1 - September 30
- South Central C Septic-to-Sewer – construction 40% complete; 135 of 147 homeowner connection grants contracted
- Micco Septic-to-Sewer – upsizing force main to accommodate the upcoming Micco B sewer project
- South Beaches O Septic-to-Sewer –contracting in progress
- South Beaches P Septic-to-Sewer –preparing for bid
- Survey, design, and engineering continue for 13 Brevard County septic-to-sewer projects
- Plumbing Services - Request for Qualifications is in review by Risk, Legal, and Purchasing
- Basin 79/Scottsmoor C & Basin 89/Scottsmoor I Stormwater Treatments – Construction has begun
- Basin 958 Pioneer Rd – Completing Right-of-Way application
- Basin 1066 Angel Ave – Adjusting Task Order to incorporate Public Works' needs
- Basin 1398 Sand Dollar – Vegetation harvesting is in the cue for this fall; Consultant meeting completed and stormwater treatment design proposal has been requested
- Basin 71 Flounder Creek – Awaiting updated plans with wrapped bio-activated media
- Basin 1387 Kingsmill-Aurora Phase II – Preliminary plan is complete; Modeling is underway to determine excavation depths needed
- Grand Canal Muck Dredging – Removed a total of 210,500 cubic yards to date
- Brevard Zoo Restore Our Shores – Construction underway of oyster bar at Castaway Cove
- Restore Our Shores Community Collaborative – Oyster broodstock delivered to aquaculture facility; scouting clam gardening sites; and beginning design for establishing a seagrass nursery
- Video progress – Smoke Testing and Fertilizer videos filmed and awaiting editing
- Contracts: Satellite Beach Lori Laine Project and Rockledge Equalization Basin Project contracts out for signature, and Satellite Beach Hedgecock/Grabowsky Fields contract and Cocoa Beach Muck Dredging Phase IIb Amendment in draft
- Providing documents, as requested, for the 2022 Audit



PRESENTATIONS THIS MONTH:

July 30 – BeachFly Ocean LegaSEA Fest – Brandon
September 24 – Rotary Park Back to Nature - Terri
October 29 – Merritt Island Wildlife Association - Terri

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

August 16 – Ocean Research and Conservation Association – [Lab Technique Training: Particle Analysis](#)
August 17 – Ocean Research and Conservation Association – [Land to Sea: Buffered and Living Shorelines](#)
August 25 – Ocean Research and Conservation Association – [Lab Technique Training: Pipetting & Dilutions](#)
October 6 – Ocean Research and Conservation Association – [A Day in the Life of the Indian River Lagoon](#)
October 20-21 – Marine Resources Council – [Low Impact Development Conference](#)

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

August 19 – Ocean Research and Conservation Association – Fish Processing, email [Bridget](#) to register
August 22 – Ocean Research and Conservation Association – Fish Extractions, email [Bridget](#) to register
August 18-20 – Brevard Zoo's Restore Our Shores – [Reef Building in Palm Bay](#)
September 17 – [International Coastal Cleanup](#)
Marine Resources Council super clam monitoring, storm drain marking in Melbourne, and Concrete Creations Program seeking volunteers – [Email Caity Savoia to register](#)
Rotary Park rain garden maintenance or storm drain marking in Cocoa – [Email Carlos Cuevas for opportunities](#)

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:

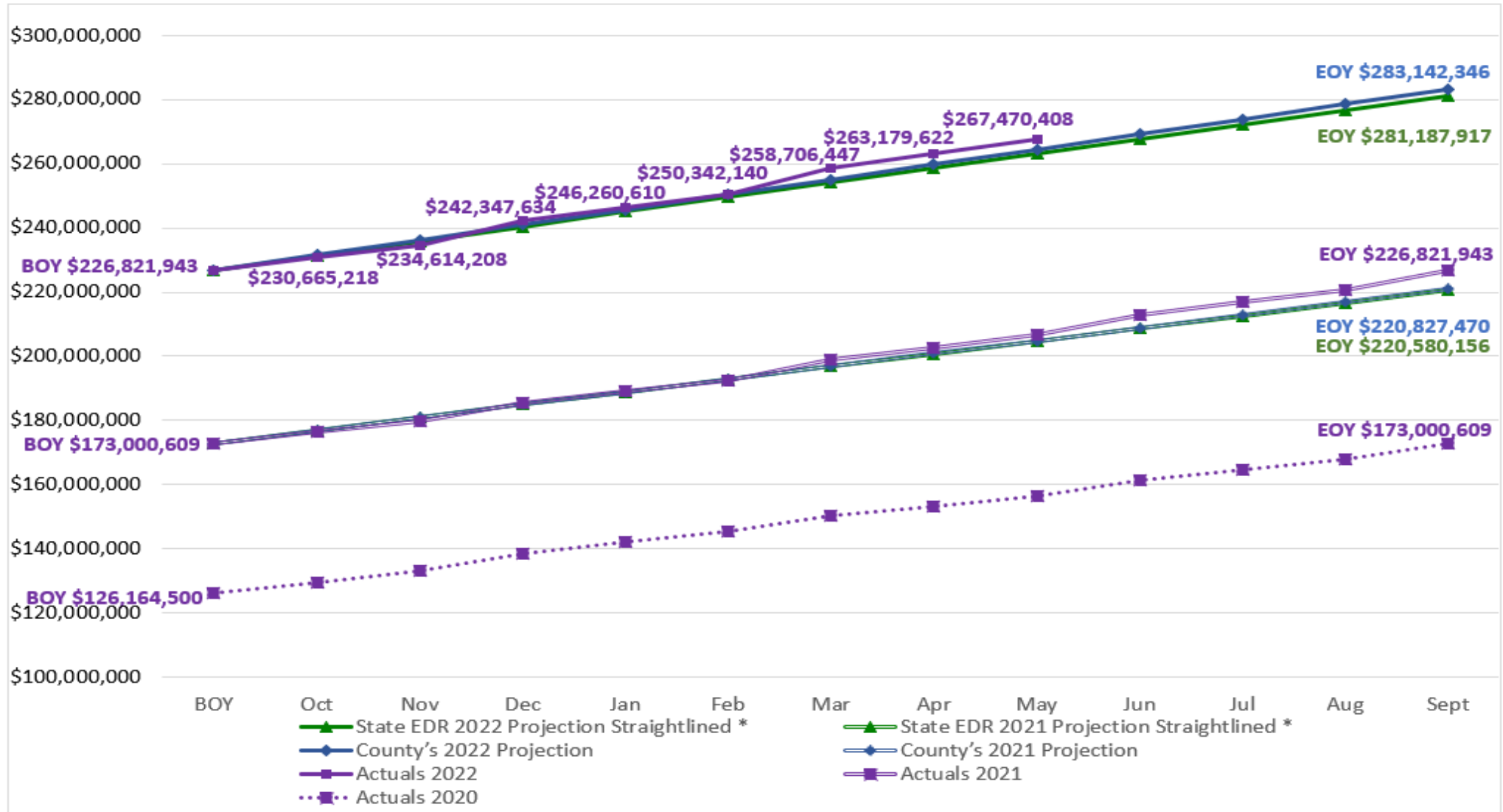
1. At Risk Vessel Removal Program
2. Stormwater Treatment Purpose, Design, and Performance
3. Shoreline Armor and Living Shoreline Permitting Authorities, Rules, and Opportunities
4. Surface Water Remediation Technologies
5. Nutrient Loading Impacts of Reclaimed Water
6. Project Performance Measurements and Cost-Effectiveness Results
7. Lagoon Projects - managed and funded by other agencies, entities or grant programs
8. Indian River Lagoon Research News: Conference, Symposium or Assembly Highlights
9. Lagoon Fish and Fisheries Research – Dr. Grant Gilmore
10. Clam Restoration and Aquaculture Stimulus Projects
11. Microplastics and Herbicides in the Lagoon
12. Soil Guardians Program – Sally Scalera
13. Outreach and Engagement – County, Cities, non-profit organizations
14. Oyster Histories in Brevard County - UCF
15. Isotope Studies

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 2022 Projection Straightlined *	County's 2022 Projection	Actuals 2022	State EDR 2021 Projection Straightlined *	County's 2021 Projection	Actuals 2021	Actuals 2020
BOY	\$226,821,943	\$226,821,943	\$226,821,943	\$173,000,609	\$173,000,609	\$173,000,609	\$126,164,500
Oct	\$231,352,441	\$231,515,310	\$230,665,218	\$176,965,571	\$176,986,181	\$176,417,554	\$129,590,162
Nov	\$235,882,939	\$236,208,677	\$234,614,208	\$180,930,533	\$180,971,752	\$179,767,028	\$133,089,868
Dec	\$240,413,437	\$240,902,044	\$242,347,634	\$184,895,496	\$184,957,324	\$185,628,087	\$138,551,296
Jan	\$244,943,935	\$245,595,411	\$246,260,610	\$188,860,458	\$188,942,896	\$189,094,044	\$142,014,229
Feb	\$249,474,432	\$250,288,778	\$250,342,140	\$192,825,420	\$192,928,467	\$192,467,433	\$145,518,464
Mar	\$254,004,930	\$254,982,145	\$258,706,447	\$196,790,382	\$196,914,039	\$198,814,528	\$150,424,958
Apr	\$258,535,428	\$259,675,512	\$263,179,622	\$200,755,345	\$200,899,611	\$202,841,586	\$153,099,730
May	\$263,065,926	\$264,368,879	\$267,470,408	\$204,720,307	\$204,885,183	\$206,775,862	\$156,326,096
Jun	\$267,596,424	\$269,062,246		\$208,685,269	\$208,870,754	\$212,965,332	\$161,413,353
Jul	\$272,126,922	\$273,755,612		\$212,650,231	\$212,856,326	\$216,998,992	\$164,827,524
Aug	\$276,657,419	\$278,448,979		\$216,615,194	\$216,841,898	\$220,555,946	\$167,886,836
Sept	\$281,187,917	\$283,142,346		\$220,580,156	\$220,827,470	\$226,821,943	\$173,000,609

Save Our Indian River Lagoon - FY 2022

Monthly Financial Statement

Date Range 01 October 2021 – 04 August 2022

Fund 1260

*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	\$ 48,783,398	\$ 40,648,465	83.32%
Interest Earned	\$ 725,952	\$ 851,988	117.36%
Other Federal Grants	\$ 3,141,901		0.00%
Federal Grants Hurricane Irma	\$ 1,357,269		0.00%
Other State Grants	\$ 9,092,186	\$ 97,193	1.07%
State Grants Hurricane Irma	\$ 226,212		0.00%
Tourism Development Council Grants	\$ 96,843	\$ 7,004	7.23%
American Rescue Plan Act (ARPA)	\$ 5,278,700		0.00%
Certified, Copy, and Records Requests	\$ -	\$ 325	
Statutory Reduction	\$ (3,171,192)		0.00%
Balance Forward	\$ 200,653,985	\$ 200,653,985	100.00%
Total	\$ 266,185,254	\$ 242,258,960	91.01%

Expenditures (Roll-Up)	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 904,819	\$ 847,500	\$ 560,198
Operating Expenses	\$ 199,645	\$ 169,987	\$ 145,361
Capital Outlay	\$ 29,500	\$ 11,822	\$ 1,948
SOIRL Projects funded under Operating Expenses (Non-Capital County Project & Programs)	\$ 4,460,822	\$ 2,525,775	\$ 1,819,343
SOIRL Projects funded under Capital Improvement (County Projects over \$35K)	\$ 67,555,863	\$ 19,233,205	\$ 5,291,650
SOIRL Projects funded under Aid to Gov't Agencies (Cities & Water Management Districts)	\$ 60,721,687	\$ 24,995,491	\$ 5,380,867
SOIRL Projects funded under Aid to Private Organizations (Property Owners & Non-Government Organizations)	\$ 51,603,559	\$ 3,022,425	\$ 964,902
Contingency	\$ 11,395,538		
Reserves (for approved projects scheduled beyond this fiscal year)	\$ 69,313,821		
Total	\$ 266,185,254	\$ 50,806,205	\$ 14,164,270

Save Our Indian River Lagoon Financial Tables – Fiscal Year 21/22 Quarter 3

*Projects Completed; + Project using contingency funds; FY=Fiscal Year; TBD = To Be Determined; WWTF = Waste Water Treatment Facility

Table 1. Public Education Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
58a	Expanded Fertilizer Education	Brevard County	\$625,000	\$312,500	\$0	\$0	\$120,951	\$49,477	\$46,571	\$19,895	\$236,894
58b	Grass Clippings Campaign	Brevard County	\$200,000	\$100,000	\$0	\$0	\$20,000	\$0	\$6,638	\$8,363	\$35,000
58c	Septic System Maintenance Education	Brevard County	\$300,000	\$150,000	\$0	\$0	\$48,380	\$49,245	\$22,709	\$7,128	\$127,462
193	Oyster Gardening*	Brevard Zoo	\$300,000	\$300,000	\$0	\$0	\$0	\$150,000	\$150,000	\$0	\$300,000
227	Restore Our Shores: Community Collaborative	Brevard Zoo	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Public Education Total		\$2,425,000	\$1,862,500	\$0	\$0	\$189,332	\$248,722	\$225,917	\$35,385	\$699,356

Table 2. Waste Water Treatment Facility Upgrades for Reclaimed Water Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
99	Cocoa Beach Water Reclamation Facility Upgrade*	Cocoa Beach	\$945,000	\$945,000	\$0	\$0	\$0	\$945,000	\$0	\$0	\$945,000
59	City of Melbourne Grant Street Water Reclamation Facility	Melbourne	\$6,769,500	\$6,769,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-17	City of Palm Bay Water Reclamation Facility	Palm Bay	\$3,636,900	\$3,636,900	\$0	\$43,573	\$101,679	\$373,976	\$2,581,471	\$534,201	\$3,634,900
2016-2	City of Titusville Osprey WWTF+	Titusville	\$8,300,000	\$8,300,000	\$0	\$90,586	\$333,705	\$528,975	\$2,288,921	\$2,814,182	\$6,056,370
138	Ray Bullard Water Reclamation Facility Biological Nutrient Removal Upgrades	West Melbourne	\$4,260,000	\$4,260,000	\$0	\$0	\$0	\$0	\$123,592	\$0	\$123,592
216	City of Rockledge Flow Equalization Basin Project	Rockledge	\$2,054,795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	WWTF Upgrades for Reclaimed Water Total		\$25,966,195	\$23,911,400	\$0	\$134,159	\$435,384	\$1,847,951	\$4,993,985	\$3,348,384	\$10,759,863

Table 3. Rapid Infiltration Basin/Sprayfield Upgrades Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
6	Long Point Park Upgrade*	Brevard County	\$22,207	\$22,207	\$22,086	\$120	\$0	\$0	\$0	\$0	\$22,207
196	Sterling House Condominium Sprayfield	Property Owner	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Rapid Infiltration Basin/Sprayfield Upgrades Total		\$82,207	\$22,207	\$22,086	\$120	\$0	\$0	\$0	\$0	\$22,207

Table 4. Package Plant Connection Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
192	Oak Point Wastewater Treatment Facility Improvements	Property Owner	\$279,000	\$279,000	\$0	\$0	\$0	\$0	\$11,403	\$59,693	\$71,096
202	Merritt Island Utility Company	Property Owner	\$1,349,445	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
228	Indian River Shores Trailer Park Wastewater Treatment Facility	Property Owner	\$528,627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
	Package Plant Connection Total		\$2,157,072	\$279,000	\$0	\$0	\$0	\$0	\$11,403	\$59,693	\$71,096

Table 5. Sewer Laterals Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
63ab	Satellite Beach Pilot & Countywide Repair/Replacement	Brevard County	\$840,000	\$221,479	\$0	\$0	\$0	\$4,228	\$6,204	\$29,272	\$39,704
114	Barefoot Bay Lateral Smoke Testing	Brevard County	\$90,000	\$83,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0
115	South Beaches Lateral Smoke Testing	Brevard County	\$200,000	\$195,443	\$0	\$0	\$0	\$0	\$0	\$65,835	\$65,835
116	Merritt Island Lateral Smoke Testing	Brevard County	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
100	Osprey Basin Lateral Repair Project	Titusville	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Sewer Laterals Total		\$1,580,000	\$750,486	\$0	\$0	\$0	\$4,228	\$6,204	\$95,107	\$105,539

Table 6. Septic System Removal by Sewer Extension Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-27	Sharpes - Zone A	Brevard County	\$7,872,000	\$529,305	\$0	\$0	\$0	\$0	\$0	\$18,763	\$18,763
2016-29	South Banana - Zone B	Brevard County	\$1,372,500	\$98,581	\$0	\$0	\$0	\$0	\$0	\$2,755	\$2,755
2016-35	South Beaches - Zone A	Brevard County	\$1,959,000	\$259,160	\$0	\$0	\$0	\$18,000	\$0	\$0	\$18,000
2016-36	South Beaches - Zone O	Brevard County	\$133,488	\$133,488	\$0	\$0	\$0	\$0	\$16,855	\$1,388	\$18,243
2016-37	South Beaches - Zone P	Brevard County	\$300,348	\$500,580	\$0	\$0	\$0	\$0	\$65,931	\$12,553	\$78,484
2016-50	South Central - Zone C	Brevard County	\$6,600,000	\$6,600,000	\$0	\$47,592	\$142,218	\$13,565	\$109,557	\$2,024,148	\$2,337,080
3	Micco Sewer Line Extension (Phase I and II)	Brevard County	\$2,239,500	\$2,239,500	\$22,620	\$128,500	\$20,115	\$30,446	\$39,290	\$12,977	\$253,948
47	Sykes Creek - Zone N	Brevard County	\$4,176,000	\$2,603,016	\$0	\$29,462	\$32,911	\$8,477	\$131,852	\$10,022	\$212,724
48	Sykes Creek - Zone M	Brevard County	\$2,697,000	\$1,868,832	\$0	\$22,400	\$53,600	\$11,200	\$9,586	\$422,073	\$518,859
49	Sykes Creek - Zone T	Brevard County	\$5,040,000	\$4,939,056	\$0	\$26,000	\$97,500	\$16,700	\$4,564	\$50,316	\$195,080
136	Micco - Zone B	Brevard County	\$9,000,000	\$2,248,125	\$0	\$0	\$0	\$0	\$0	\$62,357	\$62,357
145	Merritt Island - Zone F	Brevard County	\$1,100,000	\$170,713	\$0	\$0	\$0	\$0	\$0	\$7,132	\$7,132
146	Merritt Island - Zone C	Brevard County	\$1,580,000	\$204,375	\$0	\$0	\$0	\$0	\$0	\$8,848	\$8,848
147	Sykes Creek - Zone R	Brevard County	\$4,387,500	\$449,625	\$0	\$0	\$0	\$0	\$0	\$10,007	\$10,007
148	North Merritt Island - Zone E	Brevard County	\$3,811,500	\$554,917	\$0	\$0	\$0	\$0	\$0	\$19,478	\$19,478
150	South Central - Zone D (Brevard County)	Brevard County	\$4,774,500	\$651,403	\$0	\$0	\$0	\$0	\$0	\$0	\$0
151	Merritt Island - Zone G	Brevard County	\$16,617,000	\$2,755,456	\$0	\$0	\$0	\$0	\$0	\$80,517	\$80,517
152	Sharpes - Zone B	Brevard County	\$4,038,000	\$387,019	\$0	\$0	\$0	\$0	\$0	\$15,970	\$15,970
153	Cocoa - Zone C	Brevard County	\$800,000	\$776,884	\$0	\$0	\$0	\$0	\$0	\$24,175	\$24,175
203	South Central - Zone A	Brevard County	\$5,482,500	\$707,437	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-31/32	City of Cocoa - Zones J & K	Cocoa	\$5,622,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-28	South Central - Zone D (Melbourne)	Melbourne	\$265,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-33	City of Melbourne	Melbourne	\$867,672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2020-34	South Central - Zone F/Pineapple Avenue	Melbourne	\$1,701,972	\$1,701,972	\$0	\$0	\$0	\$0	\$0	\$87,322	\$87,322
4	Hoag Sewer Conversion	Melbourne	\$86,031	\$86,031	\$0	\$0	\$13,520	\$0	\$12,575	\$0	\$26,095
5	Pennwood Sewer Conversion*	Melbourne	\$40,632	\$40,632	\$0	\$0	\$17,074	\$0	\$0	\$0	\$17,074
61	Riverside Drive Septic-to-Sewer Conversion	Melbourne	\$262,044	\$262,044	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	Roxy Avenue Septic-to-Sewer Conversion	Melbourne	\$88,944	\$88,944	\$0	\$0	\$0	\$0	\$39,495	\$0	\$39,495
189	Avendia del Rio Septic to Sewer	Melbourne	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
190	Bowers Septic to Sewer	Melbourne	\$147,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
191	Kent and Villa Espana Septic to Sewer Conversion	Melbourne	\$710,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Merritt Island Septic Phase Out Project**	Merritt Island Redevelopment Agency	\$320,000	\$320,000	\$128,875	\$0	\$0	\$134,517	\$56,608	\$0	\$320,000
2016-39	City of Palm Bay – Zone A	Palm Bay	\$2,569,644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-46	City of Palm Bay – Zone B	Palm Bay	\$8,309,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-30	City of Rockledge	Rockledge	\$500,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-40	Rockledge - Zone B	Rockledge	\$5,339,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	Breeze Swept Septic to Sewer Connection*	Rockledge	\$880,530	\$880,530	\$0	\$880,530	\$0	\$0	\$0	\$0	\$880,530
2016-38	City of Titusville - Zone H	Titusville	\$1,168,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
109	City of Titusville - Zones A-G	Titusville	\$1,201,392	\$943,110	\$0	\$0	\$0	\$0	\$86,860	\$856,250	\$943,110
60	Sylvan Estates Septic-to-Sewer Conversion*	West Melbourne	\$1,561,215	\$1,561,215	\$0	\$19,116	\$86,928	\$658,513	\$796,657	\$0	\$1,561,215
224	Lake Ashley Circle	West Melbourne	\$1,704,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
225	Dundee Circle and Manor Place	West Melbourne	\$2,248,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Septic System Removal by Sewer Extension Total		\$119,645,660	\$34,561,950	\$151,495	\$1,153,600	\$463,866	\$891,419	\$1,369,831	\$3,727,050	\$7,757,260

Table 7. Septic System Removal by Sewer Connection Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-16	Banana Septic System 144 Quick Connections	Property Owners	\$1,905,729	\$36,000	\$0	\$0	\$0	\$0	\$21,729	\$5,109	\$26,838
2016-18	North IRL Septic System 463 Quick Connections	Property Owners	\$6,018,000	\$741,250	\$0	\$0	\$0	\$0	\$534,000	\$54,970	\$588,970
2016-19	Central IRL Septic System 269 Quick Connections	Property Owners	\$3,354,000	\$48,000	\$0	\$0	\$0	\$0	\$0	\$9,000	\$9,000
222	Hedgecock/Grabowsky & Desoto Fields	Satellite Beach	\$39,447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Septic System Removal by Sewer Connection Total		\$11,317,176	\$825,250	\$0	\$0	\$0	\$0	\$555,729	\$69,078	\$624,807

Table 8. Septic System Upgrades Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
51	Banana River Lagoon 100 Septic System Upgrades	Private Citizens	\$1,800,000	\$153,076	\$0	\$0	\$0	\$0	\$0	\$39,384	\$39,384
52	North IRL 586 Septic System Upgrades	Private Citizens	\$10,548,000	\$1,040,293	\$0	\$0	\$0	\$176,100	\$108,000	\$126,787	\$410,887

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
53	Central IRL 939 Septic System Upgrades	Private Citizens	\$16,885,106	\$2,189,593	\$0	\$0	\$0	\$34,485	\$452,621	\$190,927	\$678,033
	Septic System Upgrades Total		\$29,233,106	\$3,382,962	\$0	\$0	\$0	\$210,585	\$560,621	\$357,098	\$1,128,303

Table 9. Stormwater Projects Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-41	Banana River Lagoon 65 Basin Projects	Brevard County	\$14,156,065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-42	North IRL 96 Basin Projects	Brevard County	\$21,868,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-43	Central IRL 8 Basin Projects	Brevard County	\$3,258,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Denitrification Retrofit of Johns Road Pond	Brevard County	\$105,512	\$105,512	\$0	\$17,173	\$6,320	\$3,738	\$0	\$78,282	\$105,512
22	Kingsmill-Aurora Phase Two	Brevard County	\$367,488	\$367,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Denitrification Retrofit of Huntington Pond	Brevard County	\$104,720	\$104,720	\$0	\$9,074	\$0	\$0	\$0	\$0	\$9,074
24	Denitrification Retrofit of Flounder Creek Pond	Brevard County	\$75,328	\$75,328	\$0	\$19,923	\$0	\$0	\$0	\$0	\$19,923
85	Basin 1304 Bioreactor*	Brevard County	\$90,000	\$90,000	\$0	\$0	\$0	\$0	\$83,029	\$0	\$83,029
87	Basin 2134 Fleming Grant Biosorption Activated Media*	Brevard County	\$56,588	\$56,588	\$0	\$0	\$0	\$56,588	\$0	\$0	\$56,588
89	Basin 1298 Bioreactor*	Brevard County	\$86,198	\$86,198	\$0	\$0	\$0	\$0	\$85,829	\$0	\$85,829
90	Basin 51 Johns Road Pond Biosorption Activated Media*	Brevard County	\$23,030	\$23,030	\$0	\$0	\$0	\$0	\$23,030	\$0	\$23,030
91	Basin 100 Burkholm Road Biosorption Activated Media*	Brevard County	\$64,390	\$64,390	\$0	\$0	\$0	\$0	\$64,390	\$0	\$64,390
92	Basin 115 Carter Road Biosorption Activated Media*	Brevard County	\$62,510	\$62,510	\$0	\$0	\$0	\$62,510	\$0	\$0	\$62,510
93	Basin 193 Wiley Avenue Biosorption Activated Media*	Brevard County	\$82,735	\$82,735	\$0	\$0	\$0	\$0	\$82,735	\$0	\$82,735
94	Basin 832 Broadway Pond Biosorption Activated Media*	Brevard County	\$42,864	\$42,864	\$0	\$0	\$0	\$42,864	\$0	\$0	\$42,864
117	Basin 10 County Line Road Woodchip Bioreactor*	Brevard County	\$72,773	\$72,773	\$0	\$0	\$0	\$72,773	\$0	\$0	\$72,773
118	Basin 26 Sunset Road Serenity Park Woodchip Bioreactor	Brevard County	\$73,810	\$73,810	\$0	\$0	\$0	\$0	\$0	\$73,810	\$73,810
119	Basin 141 Irwin Avenue Woodchip Bioreactor*	Brevard County	\$69,174	\$69,174	\$0	\$0	\$0	\$0	\$69,174	\$0	\$69,174
121	Basin 2258 Babcock Road Woodchip Bioreactor	Brevard County	\$50,203	\$50,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0
122	Basin 22 Huntington Road Woodchip Bioreactor*	Brevard County	\$40,077	\$40,077	\$0	\$0	\$0	\$0	\$40,077	\$0	\$40,077
205	Basin 998 Hampton Homes	Brevard County	\$194,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206	Basin 1066 Angel Ave	Brevard County	\$232,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
207	Basin 1124 Elliot D Canal	Brevard County	\$148,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
213	Johnson Junior High Denitrification Media Chamber Modification	Brevard County	\$64,478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
215	Basin 960 Pioneer Road Denitrification	Brevard County	\$38,850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
220	Basin 1398 Sand Dollar Canal Bioreactor	Brevard County	\$198,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
229	Basin 1280B Flamingo Road Denitrification	Brevard County	\$71,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
230	Basin 1304B West Arlington Road Denitrification	Brevard County	\$96,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
231	Basin 89 Scottsmoor I Aurantia Road Denitrification	Brevard County	\$245,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Central Boulevard Baffle Box*	Cape Canaveral	\$34,700	\$34,700	\$0	\$34,700	\$0	\$0	\$0	\$0	\$34,700
14	Church Street Type II Baffle Box*	Cocoa	\$88,045	\$88,045	\$0	\$0	\$20,856	\$67,189	\$0	\$0	\$88,045
124	Floating Wetlands to Existing Stormwater Ponds*	Cocoa	\$1,497	\$1,497	\$0	\$0	\$0	\$0	\$1,497	\$0	\$1,497

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
125	Diamond Square Stormwater Pond	Cocoa	\$10,383	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
129	Forrest Avenue 72-inch Outfall Baseflow Capture/Treatment	Cocoa	\$13,956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
177	North and South Lakemont Ponds Floating Wetlands	Cocoa	\$13,054	\$13,054	\$0	\$0	\$0	\$0	\$0	\$13,054	\$13,054
64	Stormwater Low Impact Development Convair Cove 1 – Blakey Boulevard	Cocoa Beach	\$4,650	\$4,650	\$0	\$0	\$0	\$0	\$0	\$1,650	\$1,650
65	Stormwater Low Impact Development Convair Cove 2 – Dempsey Drive	Cocoa Beach	\$4,495	\$4,495	\$0	\$0	\$0	\$0	\$0	\$4,495	\$4,495
219	McNabb Outfall Bioretention	Cocoa Beach	\$19,423	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
221	Burris Way Alley West Stormwater Low Impact Development (WITHDRAWN)	Cocoa Beach	\$1,249	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
127	Basin 5 Dry Retention*	Indialantic	\$16,680	\$16,680	\$0	\$0	\$0	\$0	\$16,680	\$0	\$16,680
16	Gleason Park Reuse*	Indian Harbour Beach	\$4,224	\$4,224	\$0	\$4,224	\$0	\$0	\$0	\$0	\$4,224
66	Big Muddy at Cynthia Baffle Box*	Indian Harbour Beach	\$67,532	\$67,532	\$0	\$0	\$0	\$9,388	\$50,243	\$0	\$59,631
34	Cliff Creek Baffle Box*	Melbourne	\$347,781	\$347,781	\$0	\$0	\$0	\$347,781	\$0	\$0	\$347,781
35	Thrush Drive Baffle Box*	Melbourne	\$322,200	\$322,200	\$0	\$0	\$0	\$0	\$322,200	\$0	\$322,200
67	Grant Place Baffle Box	Melbourne	\$82,481	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69	Apollo/GA Baffle Box	Melbourne	\$297,522	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	Cherry Street Baffle Box	Melbourne	\$306,740	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	Spring Creek Baffle Box	Melbourne	\$330,841	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
88	Espanola Baffle Box	Melbourne	\$105,186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
169	Sherwood Park Stormwater Quality Project**	Melbourne	\$292,400	\$292,400	\$0	\$0	\$0	\$0	\$292,400	\$0	\$292,400
175	High School Baffle Box	Melbourne	\$144,326	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
176	Funeral Home Baffle Box	Melbourne	\$58,682	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Bayfront Stormwater Project*	Palm Bay	\$30,624	\$30,624	\$0	\$30,624	\$0	\$0	\$0	\$0	\$30,624
128	Jackson Court Stormwater Treatment Facility	Satellite Beach	\$8,266	\$8,266	\$0	\$0	\$0	\$0	\$0	\$8,266	\$8,266
179	Lori Laine Basin Pipe Improvement Project	Satellite Beach	\$17,525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	Crane Creek/M-1 Canal Flow Restoration	St. Johns Water Management District	\$2,033,944	\$2,033,944	\$0	\$0	\$65,949	\$34,051	\$0	\$0	\$100,000
19	St. Teresa Basin Treatment*	Titusville	\$272,800	\$272,800	\$0	\$0	\$0	\$272,800	\$0	\$0	\$272,800
20	South Street Basin Treatment*	Titusville	\$86,856	\$86,856	\$0	\$0	\$0	\$86,856	\$0	\$0	\$86,856
21	La Paloma Basin Treatment*	Titusville	\$208,296	\$208,296	\$0	\$0	\$0	\$208,296	\$0	\$0	\$208,296
97	Titusville High School Baffle Box	Titusville	\$111,813	\$111,813	\$0	\$0	\$0	\$0	\$0	\$111,813	\$111,813
98	Coleman Pond Managed Aquatic Plant System*	Titusville	\$11,438	\$35,000	\$0	\$0	\$0	\$11,438	\$0	\$0	\$11,438
110	Osprey Plant Pond Managed Aquatic Plant Systems*	Titusville	\$60,000	\$60,000	\$0	\$0	\$0	\$0	\$37,500	\$0	\$37,500
120	Draa Field Pond Managed Aquatic Plant Systems*	Titusville	\$31,281	\$31,281	\$0	\$0	\$0	\$0	\$31,281	\$0	\$31,281
174	St. Johns 2 Baffle Box	Titusville	\$243,070	\$243,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0
178	Marina B Managed Aquatic Plant Systems*	Titusville	\$6,670	\$6,670	\$0	\$0	\$0	\$0	\$6,670	\$0	\$6,670
214	Sand Point Park Baffle Box	Titusville	\$137,135	\$137,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
123	Ray Bullard Water Reclamation Facility Stormwater Management Area	West Melbourne	\$160,674	\$160,674	\$0	\$0	\$0	\$0	\$52,368	\$24,261	\$76,629
	Stormwater Projects Total		\$48,028,554	\$6,091,087	\$0	\$115,717	\$93,125	\$1,276,271	\$1,259,102	\$315,631	\$3,059,846

Table 10. Vegetation Harvesting Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
112	County Wide Stormwater Pond Harvesting*	Brevard County	\$14,000	\$14,000	\$0	\$0	\$0	\$0	\$14,000	\$0	\$14,000
172	Horseshoe Pond Vegetative Harvesting	Brevard County	\$8,140	\$8,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209	Basin 1398 Sand Dollar Canal Harvesting	Brevard County	\$24,420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	Basin 958 Pioneer Road Vegetation Harvesting	Brevard County	\$39,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
173	North and South Lakemont Ponds Vegetation Harvesting	Cocoa	\$1,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
208	Maritime Hammock Preserve Stormwater Pond Vegetation Harvesting	Cocoa Beach	\$7,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
211	Cocoa Beach Golf Course Stormwater Pond Harvesting	Cocoa Beach	\$216,150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
171	Mechanical Aquatic Vegetation Harvesting	Melbourne Tillman Water Control District	\$1,011,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
111	Draa Field Vegetation Harvesting*	Titusville	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
	Vegetation Harvesting Total		\$1,374,296	\$72,140	\$0	\$0	\$0	\$0	\$14,000	\$50,000	\$64,000

Table 11. Muck Removal & Interstitial Treatment Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-3a & b	Muck Re-dredging in Turkey Creek & Interstitial Treatment (pending FEMA reimbursement)*	Brevard County	\$137,329	\$215,000	\$0	\$1,092,823	\$5,807	\$0	\$0	\$0	\$1,098,631
2016-04a & b	Rockledge A Muck & Interstitial Treatment	Brevard County	\$5,010,244	\$175,340	\$0	\$0	\$9,949	\$116,417	\$16,965	\$0	\$143,331
2016-05a & b	Pineda Banana River Lagoon & Interstitial Treatment	Brevard County	\$7,815,980	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-06a & b	Titusville Railroad West & Interstitial Treatment	Brevard County	\$3,607,375	\$146,361	\$0	\$0	\$24,209	\$91,146	\$27,752	\$0	\$143,107
2016-07a & b	National Aeronautics and Space Administration Causeway East & Interstitial Treatment	Brevard County	\$11,423,355	\$209,255	\$0	\$0	\$41,009	\$137,935	\$3,115	\$0	\$182,059
2016-08a & b	Titusville Railroad East & Interstitial Treatment	Brevard County	\$4,609,424	\$318,457	\$0	\$62,449	\$29,410	\$53,221	\$123,419	\$0	\$268,499
2016-10a & b	Canaveral South & Interstitial Treatment	Brevard County	\$16,834,419	\$69,957	\$0	\$0	\$0	\$0	\$0	\$58,962	\$58,962
2016-11a & b	Patrick Air Force Base & Interstitial Treatment	Brevard County	\$8,216,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Mims Muck Removal Outflow Water Nutrient Removal*	Brevard County	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41a & b	Grand Canal Muck & Interstitial Treatment	Brevard County	\$18,020,368	\$18,020,368	\$0	\$0	\$1,060,449	\$793,450	\$1,984,733	\$992,740	\$4,831,372
42a & b	Sykes Creek Muck & Interstitial Treatment	Brevard County	\$15,954,132	\$1,275,389	\$0	\$0	\$6,900	\$814,428	\$30,780	\$148,718	\$1,000,826
54a & b	Eau Gallie Northeast Muck & Interstitial Treatment	Brevard County	\$10,020,487	\$188,739	\$0	\$62,449	\$0	\$0	\$54,645	\$5,613	\$122,706
71	Merritt Island Muck Removal – Phase 1	Brevard County	\$7,733,517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
70a	Cocoa Beach Muck Dredging – Phase III*	Cocoa Beach	\$1,376,305	\$1,376,305	\$0	\$359,660	\$708,458	\$308,187	\$0	\$0	\$1,376,305
101	Cocoa Beach Muck Dredging Phase II-B	Cocoa Beach	\$5,917,650	\$5,917,650	\$0	\$0	\$339,340	\$2,320,973	\$1,634,477	\$1,092,931	\$5,387,721
168a & b	Cocoa Beach Golf Muck & Interstitial Treatment	Cocoa Beach	\$24,363,100	\$24,363,100	\$0	\$0	\$0	\$0	\$402,766	\$495,355	\$898,121
72a & b	Muck Removal of Indian Harbour Beach Canals & Interstitial Treatment	Indian Harbour Beach	\$9,115,415	\$9,115,415	\$0	\$0	\$0	\$0	\$0	\$0	\$0
223	Spring Creek Dredging	Melbourne	\$80,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
144 & 113	Satellite Beach Muck Dredging & Interstitial Treatment	Satellite Beach	\$4,941,981	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Muck Removal & Interstitial Treatment Total		\$155,577,961	\$61,791,336	\$0	\$1,577,382	\$2,225,533	\$4,635,757	\$4,278,652	\$2,794,318	\$15,511,641

Table 12. Oyster Bars Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-55	Banana River Lagoon County Oyster Bars	Brevard County	\$3,102,755	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016-56	North IRL County Oyster Bars	Brevard County	\$2,885,834	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	RiverView Senior Resort Oyster Bar*	Brevard County	\$30,304	\$30,304	\$0	\$30,304	\$0	\$0	\$0	\$0	\$30,304
226	Hog Point Offshore Oyster Bar	Brevard County	\$50,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
75	Marina Isles Oyster Bar*	Brevard Zoo	\$26,700	\$26,700	\$0	\$0	\$0	\$26,700	\$0	\$0	\$26,700
76	Bettinger Oyster Bar*	Brevard Zoo	\$10,680	\$10,680	\$0	\$0	\$10,680	\$0	\$0	\$0	\$10,680
79	Gitlin Oyster Bar*	Brevard Zoo	\$16,020	\$16,020	\$0	\$0	\$16,020	\$0	\$0	\$0	\$16,020
80	Coconut Point/Environmentally Endangered Lands Oyster Bar*	Brevard Zoo	\$45,120	\$45,120	\$0	\$0	\$0	\$45,120	\$0	\$0	\$45,120
81	Wexford Oyster Bar*	Brevard Zoo	\$31,150	\$31,150	\$0	\$0	\$0	\$0	\$31,150	\$0	\$31,150
83	Bomalaski Oyster Bar*	Brevard Zoo	\$8,900	\$8,900	\$0	\$8,900	\$0	\$0	\$0	\$0	\$8,900
104	Brevard Zoo Banana River Oyster Project	Brevard Zoo	\$583,020	\$583,020	\$0	\$0	\$0	\$0	\$19,424	\$0	\$19,424
105	Brevard Zoo Central IRL Oyster Project	Brevard Zoo	\$161,160	\$161,160	\$0	\$0	\$68,329	\$61,236	\$20,459	\$9,202	\$159,226
106	Brevard Zoo North IRL Oyster Project	Brevard Zoo	\$341,280	\$341,280	\$0	\$0	\$0	\$164,994	\$4,194	\$6,946	\$176,134
139	Brevard Zoo North IRL Oyster Project 2	Brevard Zoo	\$336,400	\$336,400	\$0	\$0	\$0	\$0	\$45,913	\$1,626	\$47,539
140	Brevard Zoo Central IRL Oyster Project 2	Brevard Zoo	\$270,800	\$270,800	\$0	\$0	\$0	\$34,969	\$15,653	\$0	\$50,622
141	Brevard Zoo Banana River Oyster Project 2	Brevard Zoo	\$264,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
142	Brevard Zoo Oyster Reef Adjustments North IRL	Brevard Zoo	\$27,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
143	Brevard Zoo Oyster Reef Adjustments Banana River	Brevard Zoo	\$12,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
184	Brevard Zoo North Indian River Lagoon Oyster Project 3	Brevard Zoo	\$419,232	\$419,232	\$0	\$0	\$0	\$0	\$38,943	\$17,787	\$56,730
185	Brevard Zoo Central Indian River Lagoon Tributary Pilot Oyster Project	Brevard Zoo	\$230,657	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
186	Brevard Zoo North Indian River Lagoon Individual Oyster Project	Brevard Zoo	\$173,092	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
187	Brevard Zoo Central Indian River Lagoon Oyster Project 3	Brevard Zoo	\$86,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
188	Brevard Zoo Banana River Oyster Project 3	Brevard Zoo	\$56,771	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
217	Brevard Zoo Central Indian River Lagoon Oyster Project 4	Brevard Zoo	\$138,156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
218	Central Oyster Project Offshore Reefs	Brevard Zoo	\$357,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
78a	McNabb Park Oyster Bar	Cocoa Beach	\$34,056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
82a	Riverview Park Oyster Bar	Melbourne	\$108,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Oyster Bars Total		\$9,809,545	\$2,280,766	\$0	\$39,204	\$95,029	\$333,018	\$175,735	\$35,562	\$678,548

Table 13. Planted Shorelines Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
212	Titusville Causeway Multi-Trophic Restoration & Living Shoreline	Brevard County	\$31,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	Brevard Zoo North IRL Plant Project*	Brevard Zoo	\$720	\$720	\$0	\$0	\$0	\$720	\$0	\$0	\$720
130	Brevard Zoo North IRL Plant Project 2*	Brevard Zoo	\$9,840	\$9,840	\$0	\$0	\$0	\$0	\$9,840	\$0	\$9,840
78b	McNabb Park Planted Shoreline	Cocoa Beach	\$5,760	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
77a	Cocoa Beach Country Club Planted Shoreline**	Marine Resources Council	\$16,014	\$16,014	\$0	\$16,014	\$0	\$0	\$0	\$0	\$16,014
77b	Lagoon House Shoreline Restoration Planting**	Marine Resources Council	\$23,961	\$23,961	\$0	\$23,961	\$0	\$0	\$0	\$0	\$23,961
133	Fisherman's Landing*	Marine Resources Council	\$4,800	\$4,800	\$0	\$0	\$0	\$4,800	\$0	\$0	\$4,800
135	Rotary Park*	Marine Resources Council	\$4,800	\$4,800	\$0	\$0	\$0	\$4,800	\$0	\$0	\$4,800
180	Scottsmoor Impoundment	Marine Resources Council	\$10,560	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
181	Riveredge	Marine Resources Council	\$4,080	\$4,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82b	Riverview Park Planted Shoreline	Melbourne	\$18,480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Planted Shorelines Total		\$130,455	\$64,215	\$0	\$39,975	\$0	\$10,320	\$9,840	\$0	\$60,135

Table 14. Clam Restoration Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
194	Aquaculture Stimulus Program	Private Citizens	\$60,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$6,000	\$6,000
	Clam Restoration Total		\$60,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$6,000	\$6,000

Table 15. Monitoring & Respond Projects Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
	Living Shoreline Monitoring	Brevard County		\$ 333,480	\$0	\$15,529	\$66,352	\$86,116	\$112,554	\$31,631	\$312,182
	Groundwater/Water Quality Monitoring	Brevard County		\$ 1,700,145	\$0	\$92,308	\$119,031	\$350,621	\$345,421	\$288,717	\$1,196,097
	Stormwater Monitoring	Brevard County		\$ 40,756	\$0	\$0	\$256	\$40,500	\$0	\$0	\$40,756
	Sewer/Septic Monitoring	Brevard County		\$ 642,015	\$0	\$31,313	\$116,099	\$7,977	\$82,267	\$136,279	\$373,935
	Muck Dredging Monitoring	Brevard County		\$ 568,115	\$0	\$5,204	\$38,997	\$233,562	\$35,690	\$111,550	\$425,003
	Plan Updates	Brevard County		\$130,371	\$17,105	\$20,682	\$23,067	\$16,779	\$18,183	\$21,172	\$116,987
	Monitoring & Respond Projects Total		\$10,000,000	\$3,414,882	\$17,105	\$165,036	\$363,802	\$735,554	\$594,114	\$589,348	\$2,464,960

Table 16. Contingency & Inflation Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
2016-2	City of Titusville Osprey WWTF+	Titusville		\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
77a	Cocoa Beach Country Club Planted Shoreline**	Marine Resources Council		\$66	\$0	\$66	\$0	\$0	\$0	\$0	\$66
77b	Lagoon House Shoreline Restoration Planting**	Marine Resources Council		\$39	\$0	\$39	\$0	\$0	\$0	\$0	\$39
169	Sherwood Park Stormwater Quality Project+	Melbourne		\$99,708	\$0	\$0	\$0	\$0	\$52,961	\$0	\$52,961
2	Merritt Island Septic Phase Out Project**	Merritt Island Redevelopment Agency		\$268	\$0	\$0	\$0	\$0	\$268	\$0	\$268
5	Pennwood Sewer Conversion+	Melbourne		\$40,368	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41a & b	Grand Canal Muck & Interstitial Treatment	Brevard County		\$217,053	\$0	\$0	\$0	\$0	\$0	\$0	\$0
111	Draa Field Vegetation Harvesting**	Titusville		\$36,413	\$0	\$0	\$0	\$0	\$0	\$36,413	\$36,413
	Contingency Projects Total		\$19,814,425	\$1,193,915	\$0	\$105	\$0	\$0	\$53,229	\$36,413	\$89,747
	Inflation		\$104,840,456	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Table 17. Projects Total Financial Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	Save Our Lagoon Funds Contracted	FY 2017 Actuals Year 0*	FY 2018 Actuals Year 1*	FY 2019 Actuals Year 2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4	FY 2022 Actuals Year 5	Cumulative Actuals
-	Total		\$542,042,108	\$140,516,095	\$190,686	\$3,225,298	\$3,866,071	\$10,193,825	\$14,108,361	\$11,519,066	\$43,103,307

Save Our Indian River Lagoon Grant Financial Tables – Fiscal Year 21/22 Quarter 3

*Projects Completed

Table 1. State Grants Financial Table

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017- 2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
6415		FDEP Grant INV014-Remote Sensing harmful Algae	\$290,972	Active	Other State Grants	Florida Department of Environmental Protection					
		Remote Sensing harmful Algae HAB								\$118,631	\$118,631
6414		LPAO144: 50 Septic Upgrades FDEP Grant	\$450,000	Active	Other State Grants	Florida Department of Environmental Protection					
		Banana Septic Upgrades 100 Upgrades								\$39,384	\$39,384
53		Central IRL 939 Septic System Upgrades							\$25,193	\$144,232	\$169,425
52		North IRL 586 Septic System Upgrades							\$18,000	\$74,923	\$92,923
6413		FDEP GRANT-LPAO145-65 Quick Connects to Sewer	\$585,000	Active	Other State Grants	Florida Department of Environmental Protection					
2016-16		Banana Septic System 144 Quick Connections								\$13,540	\$13,540
2016-19		Central IRL Septic System 269 Quick Connections								\$9,000	\$9,000
2016-18		North IRL Septic System 463 Quick Connections								\$54,970	\$54,970
6412		LPO146 FDEP GRANT-Eau Gallie N E Muck Project	\$2,500,000	Active	Other State Grants	Florida Department of Environmental Protection					
54a & b		Eau Gallie Northeast Muck & Interstitial Treatment								\$0	\$0
6402		LPA0093 Water Quality Improvements DEP	\$2,200,000	Active	Other State Grants	Florida Department of Environmental Protection					
53		Central IRL 939 Septic System Upgrades								\$0	\$0
114		Barefoot Bay Lateral Smoke Testing								\$0	\$0
115		South Beaches Lateral Smoke Testing								\$83,790	\$83,790
3		Micco Sewer Line Extension (Phase I and II)								\$0	\$0
2016-36		South Beaches - Zone O								\$0	\$0
2016-37		South Beaches - Zone P								\$0	\$0
6401		Grant 36553 South Central C ST JOHNS RIVER WATER MGMT DISTRICT (SJRWMD)	\$1,166,820	Active	Other State Grants	SJRWMD					
2016-50		South Central - Zone C								\$1,029,966	\$1,029,966
5226		Grand Canal - SJRWMD Grant - Phase II	\$983,180	Active	Other State Grants	SJRWMD					
41a & b		Grand Canal Muck & Interstitial Treatment								\$120,082	\$120,082

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017-2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
	5224	Micco Sewer Line Extension - IRL NEP Grant	\$110,600	Active	Other State Grants	Indian River Lagoon (IRL) Council					
3		Micco Sewer Line Extension (Phase I and II)								\$0	\$0
	5207	Oak Point SJRWMD Grant	\$350,000	Active	Other State Grants	SJRWMD					
192		Oak Point Wastewater Treatment Facility Improvements								\$105,000	\$105,000
State Grants Total			\$8,636,572								

Table 2. Federal Grants Financial Table

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017-2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
	5232	Testing Steel Gabions & Concrete Core Modules Oyster Bars IRL	\$1,750	Active	Other Federal Grants	IRL COUNCIL					
		Testing Steel Gabions & Concrete Core Modules Oyster Bars IRL							\$1,447	\$32	\$1,479
		Other Reimbursable Charges for Testing Steel Gabions & Concrete Core Modules Oyster Bars IRL							\$271		\$271
	5009	Micco 319 Grant NF070	\$272,118	Active	Other Federal Grants	Florida Department of Environmental Protection					
3		Micco Sewer Line Extension (Phase I and II)							\$29,840	\$0	\$29,840
	4655	FDEP Grant for Septic to Sewer Conversion for 1,019 Homes	\$1,500,000	Active	Other Federal Grants	Florida Department of Environmental Protection					
3		Micco Sewer Line Extension (Phase I and II)								\$0	\$0
2016-50		South Central - Zone C								\$0	\$0
	4638	FDEP Grant-Sykes Creek Zone M	\$423,936	Active	Other Federal Grants	Florida Department of Environmental Protection					
48		Sykes Creek - Zone M								\$0	\$0
	4637	FDEP 319 Grant-Sykes Creek-Zone T Septic to Sewer	\$1,071,936	Active	Other Federal Grants	Florida Department of Environmental Protection					
49		Sykes Creek - Zone T								\$0	\$0
	3842	SOIRL-BC Baffle Box Upgrades - DEP NF025	\$139,000	Inactive	Other Federal Grants	Florida Department of Environmental Protection					

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017-2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
13		Central Boulevard Baffle Box*		Completed					\$7,000		\$7,000
14		Church Street Type II Baffle Box*		Completed					\$13,900		\$13,900
19		St. Teresa Basin Treatment*		Completed					\$13,900		\$13,900
20		South Street Basin Treatment*		Completed					\$38,269		\$38,269
21		La Paloma Basin Treatment*		Completed					\$13,900		\$13,900
34		Cliff Creek Baffle Box*		Completed					\$52,031		\$52,031
Federal Grants Total			\$3,408,740								

Table 3. Tourism Development Council Grants Financial Table

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017-2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
7626		Tourism Development Council (TDC) Manatee Hot Spot	\$23,140	Inactive	TDC Grants	TDC					
		Manatee Hot Spot*		Closed				\$200	\$6,804		\$7,004
					TDC Grants						
7628		TDC Transparency	\$95,000	Inactive		TDC					
		Transparency*		Completed				\$23,900	\$32,716		\$56,616
7630		TDC Aqualutions	\$49,282	Inactive	TDC Grants	TDC					
		Aqualutions*		Withdrawn							\$0
7627		TDC Manatee Signage & Distribution	\$48,000	Active	TDC Grants	TDC					
		Manatee Signage & Distribution								\$15,143	\$15,143
7625		TDC Lagoon Recreational Field Guide	\$44,000	Active	TDC Grants	TDC					
		Lagoon Recreational Field Guide								\$14,494	\$14,494
Tourism Development Council Grants Total			\$259,422								

Table 4. Federal Emergency Management Agency Grants Financial Table

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017- 2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
<div><div>Budget Office</div><div>Federal Hurricane Irma</div><div>Inactive</div><div>Florida Department of Environmental Protection</div></div>											
2016-3a & b		Muck Re-dredging in Turkey Creek & Interstitial Treatment*	\$820,053	Closed							\$0
<div><div>Budget Office</div><div>State Hurricane Irma</div><div>Inactive</div><div>Florida Department of Environmental Protection</div></div>											
2016-3a & b		Muck Re-dredging in Turkey Creek & Interstitial Treatment*	\$136,675	Closed							\$0
Federal Emergency Management Agency Grants Total			\$956,728								

Table 5. American Rescue Plan Act Grants Financial Table

SOIRL Project Number	Contract Management Number	Grant & Corresponding Project Titles	Grant Amount	Status	Contract Type	Grantor	FY 2017-2019 Actuals Year 0-2*	FY 2020 Actuals Year 3*	FY 2021 Actuals Year 4*	FY 2022 Actuals Year 5	Cumulative Actual Expenditures
Budget Office		American Rescue Plan Act (ARPA)	\$5,278,700	Active	ARPA						
3		Micco Sewer Line Extension (Phase I and II)								\$0	\$0
2016-50		South Central - Zone C								\$205,719	\$205,719
2016-35		South Beaches - Zone A								\$0	\$0
American Rescue Plan Act Grants Total			\$5,278,700								

Save Our Indian River Lagoon Performance Tables – Fiscal Year 21/22 Quarter 3

*Projects Completed; + Project using contingency funds; FY=Fiscal Year; TBD = To Be Determined; WWTF = Waste Water Treatment Facility

Table 1. Public Education Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Complete
58a	Expanded Fertilizer Education	Brevard County	\$625,000	6,613	813	Complete	Complete	100%	59%
58b	Grass Clippings Campaign	Brevard County	\$200,000	17,800	1,200	Complete	Complete	100%	49%
58c	Septic System Maintenance Education	Brevard County	\$300,000	4,466	TBD	Complete	Complete	100%	59%
193	Oyster Gardening*	Brevard Zoo	\$300,000	N/A	N/A	Complete	Complete	100%	100%
227	Restore Our Shores: Community Collaborative	Brevard Zoo	\$1,000,000	N/A	N/A	Complete	Complete		
	Public Education Total		\$2,425,000	28,879	2,013				

Table 2. Waste Water Treatment Facility Upgrades for Reclaimed Water Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
99	Cocoa Beach Water Reclamation Facility Upgrade*	Cocoa Beach	\$945,000	2,520	685	Complete	Complete	100%	100%
59	City of Melbourne Grant Street Water Reclamation Facility	Melbourne	\$6,769,500	18,052	9,671	Complete	Complete	100%	
2016-17	City of Palm Bay Water Reclamation Facility*	Palm Bay	\$3,636,900	20,240	102	Complete	Complete	100%	100%
2016-2	City of Titusville Osprey WWTF*	Titusville	\$8,300,000	12,286	TBD	Complete	Complete	100%	57%
138	Ray Bullard Water Reclamation Facility Biological Nutrient Removal Upgrades	West Melbourne	\$4,260,000	11,360	3,302	Complete	Complete	45%	
216	City of Rockledge Flow Equalization Basin Project	Rockledge	\$2,054,795	5,365	N/A	Complete	Complete		
	WWTF Upgrades for Reclaimed Water Total		\$25,966,195	69,823	13,760				

Table 3. Rapid Infiltration Basin/Sprayfield Upgrades Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
6	Long Point Park Upgrade*	Brevard County	\$22,207	163	TBD	Complete	Complete	100%	100%
196	Sterling House Condominium Sprayfield	Property Owner	\$60,000	154	TBD				
	Rapid Infiltration Basin/Sprayfield Upgrades Total		\$82,207	317	TBD				

Table 4. Package Plant Connection Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
192	Oak Point Wastewater Treatment Facility Improvements	Property Owner	\$279,000	186	TBD	Complete	Complete	100%	15%
202	Merritt Island Utility Company	Property Owner	\$1,349,445	1,367	TBD				
228	Indian River Shores Trailer Park Wastewater Treatment Facility	Property Owner	\$528,627	450	TBD				

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
	Package Plant Connection Total		\$2,157,072	2,003	TBD				

Table 5. Sewer Laterals Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Repaired
63ab	Satellite Beach Pilot & Countywide Repair/Replacement (63 repairs completed)	Brevard County	\$840,000	988	188	Complete	Complete	100%	23%
114	Barefoot Bay Lateral Smoke Testing	Brevard County	\$90,000	864	TBD	Complete	Complete	100%	
115	South Beaches Lateral Smoke Testing	Brevard County	\$200,000	1,662	TBD	Complete	Complete	100%	
116	Merritt Island Lateral Smoke Testing	Brevard County	\$250,000	2,042	TBD	Complete	Complete	100%	
100	Osprey Basin Lateral Repair Project	Titusville	\$200,000	640	TBD	Complete	Under Review		
	Sewer Laterals Total		\$1,580,000	6,196	188				

Table 6. Septic System Removal by Sewer Extension Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
2016-27	Sharpes - Zone A (0 of 186 connected)	Brevard County	\$7,872,000	5,248	TBD	Complete	Complete	10%	
2016-29	South Banana - Zone B (0 of 41 connected)	Brevard County	\$1,368,252	915	TBD	Complete	Complete	12%	
2016-35	South Beaches - Zone A (1 of 37 connected)	Brevard County	\$1,959,000	1,306	TBD	Complete	Complete	1%	
2016-36	South Beaches - Zone O (0 of 4 connected)	Brevard County	\$133,488	136	TBD	Complete	Complete	100%	
2016-37	South Beaches - Zone P (0 of 15 connected)	Brevard County	\$300,348	489	TBD	Complete	Complete	100%	
2016-50	South Central - Zone C (0 of 140 connected)	Brevard County	\$6,600,000	5,146	TBD	Complete	Complete	100%	40%
3	Micco Sewer Line Extension (Phase I and II) (0 of 18 connected)	Brevard County	\$2,239,500	1,493	TBD	Complete	Complete	100%	
47	Sykes Creek - Zone N (0 of 91 connected)	Brevard County	\$4,176,000	2,784	TBD	Complete	Complete	90%	
48	Sykes Creek - Zone M (0 of 56 connected)	Brevard County	\$2,697,000	1,798	TBD	Complete	Complete	30%	
49	Sykes Creek - Zone T (0 of 148 connected)	Brevard County	\$5,040,000	3,360	TBD	Complete	Complete	30%	
136	Micco - Zone B (0 of 540 connected)	Brevard County	\$9,000,000	8,687	TBD	Complete	Complete	8%	
145	Merritt Island - Zone F (0 of 71 connected)	Brevard County	\$1,100,000	1,292	TBD	Complete	Complete	12%	
146	Merritt Island - Zone C (0 of 43 connected)	Brevard County	\$1,580,000	1,419	TBD	Complete	Complete	13%	
147	Sykes Creek - Zone R (0 of 192 connected)	Brevard County	\$4,387,500	2,925	TBD	Complete	Complete	6%	
148	North Merritt Island - Zone E (0 of 195 connected)	Brevard County	\$3,811,500	2,541	TBD	Complete	Complete	10%	
150	South Central - Zone D (0 of 94 connected)	Brevard County	\$4,774,500	3,387	TBD	Complete	Complete	1%	
151	Merritt Island - Zone G (0 of 1,146 connected)	Brevard County	\$16,617,000	11,078	TBD	Complete	Complete	9%	
152	Sharpes - Zone B (0 of 136 connected)	Brevard County	\$4,038,000	2,692	TBD	Complete	Complete	1%	
153	Cocoa - Zone C (0 of 273 connected)	Brevard County	\$800,000	3,499	TBD	Complete	Complete	9%	
203	South Central - Zone A (0 of 101 connected)	Brevard County	\$5,482,500	3,655	TBD	Complete	Complete	1%	
2016-31/32	City of Cocoa - Zones J & K	Cocoa	\$5,622,000	3,748	TBD				
2016-28	South Central - Zone D (Melbourne) (0 of 28 connected)	Melbourne	\$265,500	177	TBD				

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
2016-33	City of Melbourne (0 of 26 connected)	Melbourne	\$867,672	878	TBD				
2020-34	South Central - Zone F/Pineapple Avenue (1 of 51 connected)	Melbourne	\$1,701,972	1,688	TBD	Complete	Complete	100%	5%
4	Hoag Sewer Conversion (3 of 5 connected)	Melbourne	\$86,031	101	TBD	Complete	Complete	100%	60%
5	Pennwood Sewer Conversion (2 of 5 connected)	Melbourne	\$40,632	48	TBD	Complete	Complete	100%	60%
61	Riverside Drive Septic-to-Sewer Conversion (1 of 12 connected)	Melbourne	\$262,044	305	TBD	Complete	Complete	100%	54%
62	Roxy Avenue Septic-to-Sewer Conversion (2 of 6 connected)	Melbourne	\$88,944	102	TBD	Complete	Complete	100%	60%
189	Avendia del Rio Septic to Sewer (0 of 3 connected)	Melbourne	\$70,000	71	TBD				
190	Bowers Septic to Sewer (0 of 6 connected)	Melbourne	\$147,000	120	TBD				
191	Kent and Villa Espana Septic to Sewer Conversion (0 of 37 connected)	Melbourne	\$710,000	542	TBD				
2	Merritt Island Septic Phase Out Project (74 of 74 connected)*	Merritt Island Redevelopment Agency	\$320,000	2,492	TBD	Complete	Complete	100%	100%
2016-39	City of Palm Bay – Zone A (0 of 77 connected)	Palm Bay	\$2,569,644	2,136	TBD				
2016-46	City of Palm Bay – Zone B (0 of 249 connected)	Palm Bay	\$8,309,628	6,809	TBD				
2016-30	City of Rockledge (0 of 15 connected)	Rockledge	\$500,580	712	TBD				
2016-40	Rockledge - Zone B (0 of 160 connected)	Rockledge	\$5,339,520	4,037	TBD				
1	Breeze Swept Septic to Sewer Connection (143 of 143 connected)*	Rockledge	\$880,530	2,002	TBD	Complete	Complete	100%	100%
2016-38	City of Titusville - Zone H (0 of 35 connected)	Titusville	\$1,168,020	910	TBD				
109	City of Titusville - Zones A-G (0 of 18 connected)	Titusville	\$1,201,392	642	TBD	Complete	Complete	90%	
60	Sylvan Estates Septic-to-Sewer Conversion (59 connected)*	West Melbourne	\$1,561,215	1,073	TBD	Complete	Complete	100%	100%
224	Lake Ashley Circle (0 of 46 connected)	West Melbourne	\$1,704,000	1,136	TBD	Complete	Complete		
225	Dundee Circle and Manor Place (0 of 60 connected)	West Melbourne	\$2,248,500	1,499	TBD	Complete	Complete		
	Septic System Removal by Sewer Extension Total		\$119,641,412	95,078	TBD				

Table 7. Septic System Removal by Sewer Connection Performance Table

Project Number	Project		Save Our Lagoon Project Cost	Applications Contracted	Contracts Completed	Total TN Reduction (lbs/yr)
2016-16	Banana Septic System 144 Quick Connections	Private Citizens	\$1,905,729	6	3	67
2016-18	North IRL Septic System 463 Quick Connections	Private Citizens	\$6,018,000	50	39	955
2016-19	Central IRL Septic System 269 Quick Connections	Private Citizens	\$3,354,000	5	1	26
222	Hedgecock/Grabowsky & Desoto Fields	Satellite Beach	\$39,447	0	0	0
	Septic System Removal by Sewer Connection Total		\$11,317,176	61	43	1048

Table 8. Septic System Upgrades Performance Table

Project Number	Project		Save Our Lagoon Project Cost	Applications Contracted	Contracts Completed	Total TN Reduction (lbs/yr)
51	Banana River Lagoon 100 Septic System Upgrades	Private Citizens	\$1,800,000	15	6	116
52	North IRL 586 Septic System Upgrades	Private Citizens	\$10,548,000	66	29	686

Project Number	Project		Save Our Lagoon Project Cost	Applications Contracted	Contracts Completed	Total TN Reduction (lbs/yr)
53	Central IRL 939 Septic System Upgrades	Private Citizens	\$16,885,106	132	48	1134
	Septic System Upgrades Total		\$29,233,106	213	83	1936

Table 9. Stormwater Projects Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
2016-41	Banana River Lagoon 68 Basin Projects	Brevard County	\$14,324,135	63,789	8,421				
2016-42	North IRL 95 Basin Projects	Brevard County	\$22,114,028	118,696	15,673				
2016-43	Central IRL 8 Basin Projects	Brevard County	\$3,258,500	19,832	2,617				
18	Basin 62 Denitrification Retrofit of Johns Road Pond*	Brevard County	\$105,512	1,199	TBD	Complete	Complete	100%	100%
22	Basin 1387 Kingsmill-Aurora Phase Two	Brevard County	\$367,488	4,176	814	Complete	Complete	30%	
23	Basin 41 Denitrification Retrofit of Huntington Pond	Brevard County	\$104,720	1,190	TBD	Complete	Complete	75%	
24	Basin 71 Denitrification Retrofit of Flounder Creek Pond	Brevard County	\$75,328	856	TBD	Complete	Complete	100%	
85	Basin 1304 Bioreactor*	Brevard County	\$90,000	958	127	Complete	Complete	100%	100%
87	Basin 2134 Fleming Grant Biosorption Activated Media*	Brevard County	\$56,588	602	91	Complete	Complete	100%	100%
89	Basin 1298 Bioreactor*	Brevard County	\$86,198	917	116	Complete	Complete	100%	100%
90	Basin 51 Johns Road Pond Biosorption Activated Media*	Brevard County	\$23,030	245	37	Complete	Complete	100%	100%
91	Basin 100 Burkholm Road Biosorption Activated Media*	Brevard County	\$64,390	685	104	Complete	Complete	100%	100%
92	Basin 115 Carter Road Biosorption Activated Media*	Brevard County	\$62,510	665	101	Complete	Complete	100%	100%
93	Basin 193 Wiley Ave Biosorption Activated Media*	Brevard County	\$82,735	954	144	Complete	Complete	100%	100%
94	Basin 832 Broadway Pond Biosorption Activated Media*	Brevard County	\$42,864	456	69	Complete	Complete	100%	100%
117	Basin 10 County Line Road Woodchip Bioreactor*	Brevard County	\$72,773	597	90	Complete	Complete	100%	100%
118	Basin 26 Sunset Road Serenity Park Woodchip Bioreactor*	Brevard County	\$73,810	605	92	Complete	Complete	100%	100%
119	Basin 141 Irwin Avenue Woodchip Bioreactor*	Brevard County	\$69,174	567	86	Complete	Complete	100%	100%
121	Basin 2258 Babcock Road Woodchip Bioreactor	Brevard County	\$50,203	412	62	Complete	Complete	50%	
122	Basin 22 Huntington Road Serenity Park Woodchip Bioreactor*	Brevard County	\$40,077	329	50	Complete	Complete	100%	100%
205	Basin 998 Hampton Homes	Brevard County	\$194,400	TBD	TBD	Complete	Under Review		
206	Basin 1066 Angel Ave	Brevard County	\$232,200	TBD	TBD	Complete	Out for Signature		
207	Basin 1124 Elliot Canal	Brevard County	\$148,100	TBD	TBD	Complete	Under Review		
213	Johnson Junior High Denitrification Media Chamber Modification	Brevard County	\$64,478	206	TBD	Complete	Under Review		
215	Basin 960 Pioneer Road Denitrification	Brevard County	\$38,850	105	3				
220	Basin 1398 Sand Dollar Canal Bioreactor	Brevard County	\$198,024	444	70				
229	Basin 1280B Flamingo Road Denitrification	Brevard County	\$71,645	161	31				
230	Basin 1304B West Arlington Road Denitrification	Brevard County	\$96,425	216	TBD				
231	Basin 89 Scottsmeer I Aurantia Road Denitrification	Brevard County	\$245,100	1,706	292	Complete	Under Review		
13	Central Boulevard Baffle Box*	Cape Canaveral	\$34,700	481	14	Complete	Complete	100%	100%
14	Church Street Type II Baffle Box*	Cocoa	\$88,045	937	135	Complete	Complete	100%	100%
124	Floating Wetlands to Existing Stormwater Ponds*	Cocoa	\$1,497	12	3	Complete	Complete	100%	100%

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
125	Diamond Square Stormwater Pond	Cocoa	\$10,383	85	23				
129	Forrest Avenue 72-inch Outfall Baseflow Capture/Treatment	Cocoa	\$13,956	94	12				
177	North and South Lakemont Ponds Floating Wetlands*	Cocoa	\$13,054	107	25	Complete	Complete	100%	100%
64	Stormwater Low Impact Development Convair Cove 1 – Blakey Boulevard*	Cocoa Beach	\$4,650	30	3	Complete	Complete	100%	100%
65	Stormwater Low Impact Development Convair Cove 2 – Dempsey Drive*	Cocoa Beach	\$4,495	29	3	Complete	Complete	100%	100%
219	McNabb Outfall Bioretention	Cocoa Beach	\$19,423	44	7				
221	Burris Way Alley West Stormwater Low Impact Development (WITHDRAWN)	Cocoa Beach	\$1,249	3	-				
127	Basin 5 Dry Retention*	Indialantic	\$16,680	113	18	Complete	Complete	100%	100%
16	Gleason Park Reuse*	Indian Harbour Beach	\$4,224	48	9	Complete	Complete	100%	100%
66	Big Muddy at Cynthia Baffle Box*	Indian Harbour Beach	\$67,532	436	58	Complete	Complete	100%	100%
34	Cliff Creek Baffle Box*	Melbourne	\$347,781	3,952	797	Complete	Complete	100%	100%
35	Thrush Drive Baffle Box*	Melbourne	\$322,200	3,661	773	Complete	Complete	100%	100%
67	Grant Place Baffle Box	Melbourne	\$82,481	937	193	Complete	Complete	100%	80%
69	Apollo/GA Baffle Box	Melbourne	\$297,522	3,381	479				
95	Cherry Street Baffle Box	Melbourne	\$306,740	980	174				
96	Spring Creek Baffle Box	Melbourne	\$330,841	1,057	232				
88	Espanola Baffle Box	Melbourne	\$105,186	1,119	148				
169	Sherwood Park Stormwater Quality Project*	Melbourne	\$292,400	3,214	879	Complete	Complete	100%	100%
175	High School Baffle Box	Melbourne	\$144,326	1,183	319				
176	Funeral Home Baffle Box	Melbourne	\$58,682	481	129				
15	Bayfront Stormwater Project*	Palm Bay	\$30,624	348	83	Complete	Complete	100%	100%
128	Jackson Court Stormwater Treatment Facility*	Satellite Beach	\$8,266	56	8	Complete	Complete	100%	100%
179	Lori Laine Basin Pipe Improvement Project	Satellite Beach	\$17,525	117	21	Complete	Out for Signature		
68	Crane Creek/M-1 Canal Flow Restoration	St. Johns Water Management District	\$2,033,944	23,113	2,719	Complete	Complete	80%	
19	St. Teresa Basin Treatment*	Titusville	\$272,800	3,100	459	Complete	Complete	100%	100%
20	South Street Basin Treatment*	Titusville	\$86,856	987	156	Complete	Complete	100%	100%
21	La Paloma Basin Treatment*	Titusville	\$208,296	2,367	346	Complete	Complete	100%	100%
97	Titusville High School Baffle Box*	Titusville	\$111,813	1,190	166	Complete	Complete	100%	100%
98	Coleman Pond Managed Aquatic Plant System*	Titusville	\$11,438	1,240	198	Complete	Complete	100%	100%
110	Osprey Plant Pond Managed Aquatic Plant Systems*	Titusville	\$60,000	606	88	Complete	Complete	100%	100%
120	Draa Field Pond Managed Aquatic Plant Systems*	Titusville	\$31,281	256	38	Complete	Complete	100%	100%
174	St. Johns 2 Baffle Box	Titusville	\$243,070	1,992	611	Complete	Complete	80%	
178	Marina B Managed Aquatic Plant Systems*	Titusville	\$6,670	55	7	Complete	Complete	100%	100%
214	Sand Point Park Baffle Box	Titusville	\$137,135	438	71	Complete	Complete		

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
123	Ray Bullard Water Reclamation Facility Stormwater Management Area*	West Melbourne	\$160,674	1,317	400	Complete	Complete	100%	100%
	Stormwater Projects Total		\$48,441,724	280,134	38,894				

Table 10. Vegetation Harvesting Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
112	County Wide Stormwater Pond Harvesting*	Brevard County	\$14,000	931	327	Complete	Complete	100%	100%
172	Horseshoe Pond Vegetative Harvesting*	Brevard County	\$8,140	74	7	Complete	Complete	100%	100%
209	Basin 1398 Sand Dollar Canal Harvesting	Brevard County	\$24,420	222	21	Complete			
210	Basin 958 Pioneer Road Vegetation Harvesting	Brevard County	\$39,930	363	47				
173	North and South Lakemont Ponds Vegetation Harvesting	Cocoa	\$1,980	18	4				
208	Maritime Hammock Preserve Stormwater Pond Vegetation Harvesting	Cocoa Beach	\$7,700	70	5				
211	Cocoa Beach Golf Course Stormwater Pond Harvesting	Cocoa Beach	\$216,150	1,965	135				
171	Mechanical Aquatic Vegetation Harvesting	Melbourne Tillman Water Control District	\$1,011,976	16,636	1,664	Complete	Complete	100%	10%
111	Draa Field Vegetation Harvesting*	Titusville	\$50,000	786	TBD	Complete	Complete	100%	100%
	Vegetation Harvesting Total		\$1,374,296	21,065	2,210				

Table 11. Muck Removal & Interstitial Treatment Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
2016-3a & b	Muck Re-dredging in Turkey Creek & Interstitial Treatment*	Brevard County	\$137,329	5,691	221	Complete	Complete	100%	100%
2016-04a & b	Rockledge A Muck & Interstitial Treatment	Brevard County	\$5,010,244	20,286	1,982	Complete	Complete	30%	
2016-05a & b	Pineda Banana River Lagoon & Interstitial Treatment	Brevard County	\$7,815,980	34,853	2,490				
2016-06a & b	Titusville Railroad West	Brevard County	\$3,607,375	23,554	1,421	Complete	Complete	30%	
2016-07a & b	National Aeronautics and Space Administration Causeway East & Interstitial Treatment	Brevard County	\$11,423,355	50,839	3,684	Complete	Complete	30%	
2016-08a &b	Titusville Railroad East & Interstitial Treatment	Brevard County	\$4,609,424	17,081	1,291	Complete	Complete	30%	
2016-10a & b	Canaveral South & Interstitial Treatment	Brevard County	\$16,834,419	78,070	5,812	Complete	Complete	5%	
2016-11a & b	Patrick Air Force Base & Interstitial Treatment	Brevard County	\$8,216,800	27,333	2,279				
40	Mims Muck Removal Outflow Water Nutrient Removal*	Brevard County	\$400,000	2,803	244	Complete	Complete	100%	100%
41a & b	Grand Canal Muck & Interstitial Treatment	Brevard County	\$18,020,368	99,210	1,358	Complete	Complete	100%	40%
42a & b	Sykes Creek Muck & Interstitial Treatment	Brevard County	\$15,954,132	83,913	2,618	Complete	Complete	100%	
54a & b	Eau Gallie Northeast Muck & Interstitial Treatment	Brevard County	\$10,020,487	35,886	3,795	Complete	Complete	100%	
71	Merritt Island Muck Removal – Phase 1	Brevard County	\$7,733,517	8,085	1,540	Complete	Complete	90%	

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
70a	Cocoa Beach Muck Dredging – Phase III*	Cocoa Beach	\$1,376,305	4,095	780	Complete	Complete	100%	100%
101	Cocoa Beach Muck Dredging Phase II-B*	Cocoa Beach	\$5,917,650	6,300	840	Complete	Complete	100%	100%
168a & b	Cocoa Beach Golf Muck & Interstitial Treatment	Cocoa Beach	\$24,363,100	128,792	11,080	Complete	Complete	60%	
72a & b	Muck Removal of Indian Harbour Beach Canals & Interstitial Treatment	Indian Harbour Beach	\$9,115,415	31,198	720	Complete	Complete	60%	
223	Spring Creek Dredging	Melbourne	\$80,080	154	21				
144 & 113	Satellite Beach Muck Dredging & Interstitial Treatment	Satellite Beach	\$4,941,981	33,863	3,577				
	Muck Removal & Interstitial Treatment Total		\$155,577,961	692,006	45,753				

Table 12. Oyster Bars Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
2016-55	Banana River Lagoon County Oyster Bars (196,591 Square Feet)	Brevard County	\$3,102,755	7,864	197				
2016-56	North IRL County Oyster Bars (182,846 Square Feet)	Brevard County	\$2,885,834	7,314	183				
73	RiverView Senior Resort Oyster Bar* (1,920 Square Feet)	Brevard County	\$30,304	77	2	Complete	Complete	100%	100%
226	Hog Point Offshore Oyster Bar	Brevard County	\$50,022	126	3				
75	Marina Isles Oyster Bar* (1,800 Square Feet)	Brevard Zoo	\$26,700	60	20	Complete	Complete	100%	100%
76	Bettinger Oyster Bar* (720 Square Feet)	Brevard Zoo	\$10,680	24	8	Complete	Complete	100%	100%
79	Gitlin Oyster Bar* (1,080 Square Feet)	Brevard Zoo	\$16,020	36	12	Complete	Complete	100%	100%
80	Coconut Point/Environmentally Endangered Lands Oyster Bar* (2,400 Square Feet)	Brevard Zoo	\$45,120	96	2	Complete	Complete	100%	100%
81	Wexford Oyster Bar* (1,750 Square Feet)	Brevard Zoo	\$31,150	70	24	Complete	Complete	100%	100%
83	Bomalaski Oyster Bar* (600 Square Feet)	Brevard Zoo	\$8,900	20	7	Complete	Complete	100%	100%
104	Brevard Zoo Banana River Oyster Project (2,638 of 36,894 Square Feet)	Brevard Zoo	\$583,020	1,476	37	Complete	Complete	7%	7%
105	Brevard Zoo Central IRL Oyster Project (10,080 of 10,200 Square Feet)	Brevard Zoo	\$161,160	408	10	Complete	Complete	100%	99%
106	Brevard Zoo North IRL Oyster Project (3,270 of 21,600 Square Feet)	Brevard Zoo	\$341,280	864	22	Complete	Complete	86%	54%
139	Brevard Zoo North IRL Oyster Project 2 (1,836 of 21,030 Square Feet)	Brevard Zoo	\$336,400	841	21	Complete	Complete	60%	19%
140	Brevard Zoo Central IRL Oyster Project 2 (3,714 of 16,932 Square Feet)	Brevard Zoo	\$270,800	677	17	Complete	Complete	60%	29%
141	Brevard Zoo Banana River Oyster Project 2 (16,560 Square Feet)	Brevard Zoo	\$264,800	662	17				
142	Brevard Zoo Oyster Reef Adjustments North IRL (1,700 Square Feet)	Brevard Zoo	\$27,200	68	2				
143	Brevard Zoo Oyster Reef Adjustments Banana River (800 Square Feet)	Brevard Zoo	\$12,800	32	1				
184	Brevard Zoo North Indian River Lagoon Oyster Project 3 (3,705 of 26,388 Square Feet)	Brevard Zoo	\$419,232	1,056	26	Complete	Complete	63%	14%
185	Brevard Zoo Central Indian River Lagoon Tributary Pilot Oyster Project	Brevard Zoo	\$230,657	581	15				
186	Brevard Zoo North Indian River Lagoon Individual Oyster Project	Brevard Zoo	\$173,092	436	11				
187	Brevard Zoo Central Indian River Lagoon Oyster Project 3	Brevard Zoo	\$86,546	218	5				
188	Brevard Zoo Banana River Oyster Project 3	Brevard Zoo	\$56,771	143	4				
217	Brevard Zoo Central Indian River Lagoon Oyster Project 4	Brevard Zoo	\$138,156	348	9				
218	Central Oyster Project Offshore Reefs	Brevard Zoo	\$357,300	900	23				
78a	McNabb Park Oyster Bar (1,800 Square Feet)	Cocoa Beach	\$34,056	72	24	Complete	Complete	70%	33%

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
82a	Riverview Park Oyster Bar (5,750 Square Feet)	Melbourne	\$108,790	230	78				
	Oyster Bars Total		\$9,809,545	24,699	780				

Table 13. Planted Shorelines Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
212	Titusville Causeway Multi-Trophic Restoration & Living Shoreline	Brevard County	\$31,440	131	45				
103	Brevard Zoo North IRL Plant Project* (50 Linear Feet)	Brevard Zoo	\$720	3	1	Complete	Complete	100%	100%
130	Brevard Zoo North IRL Plant Project 2 (610 Linear Feet)	Brevard Zoo	\$9,840	41	14	Complete	Complete	100%	100%
78b	McNabb Park Planted Shoreline (360 Linear Feet)	Cocoa Beach	\$5,760	24	8	Complete	Complete	88%	33%
77a	Cocoa Beach Country Club Planted Shoreline* (1,000 Linear Feet)	Marine Resources Council	\$16,014	67	23	Complete	Complete	100%	100%
77b	Lagoon House Shoreline Restoration Planting* (1,493 Linear Feet)	Marine Resources Council	\$23,961	100	34	Complete	Complete	100%	100%
133	Fisherman's Landing* (300 Linear Feet)	Marine Resources Council	\$4,800	20	7	Complete	Complete	100%	100%
135	Rotary Park* (300 Linear Feet)	Marine Resources Council	\$4,800	20	7	Complete	Complete	100%	100%
180	Scottsmoor Impoundment (650 Linear Feet)	Marine Resources Council	\$10,560	44	15				
181	Riveredge (250 Linear Feet)	Marine Resources Council	\$4,080	17	6	Complete	Complete	100%	
82b	Riverview Park Planted Shoreline (1,150 Linear Feet)	Melbourne	\$18,480	77	26				
	Planted Shorelines Total		\$130,455	544	186				

Table 14. Clam Restoration Performance Table

Project Number	Project	Responsible Entity	Save Our Lagoon Project Cost	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
194	Aquaculture Stimulus Program (3 of 10 grantees)	Private Citizens	\$60,000	1,000	TBD	Complete	Complete	30%	30%
	Clam Restoration Total		\$60,000	1,000	TBD				

Table 15. Overview

Totals	Total TN Reduction (lbs/yr)	Total TP Reduction (lbs/yr)	Scopes of Work Received	Contracts Executed	Projects in Design	Projects Under Construction	Projects Complete
Total as of Previous Quarter	123,771	9,677	131	127	124	83	63
Total as of This Quarter	127,295	9,728	143	134	128	86	63



**Save Our Indian River Lagoon
Citizen Oversight Committee
August 19, 2022**

Agenda Item:

IX. a. New Business

Title:

Septic Upgrade Program Retroactive Payment Requests

Requested Action:

Motion to recommend to the Brevard County Commission to a) authorize conditions to approve, b) consider conditions to approve, or c) reject requests to approve retroactive payment for septic upgrades.

Summary Explanation and Background:

Five property owners are currently seeking retroactive reimbursement from the Save Our Lagoon Program for voluntarily upgrading their old conventional septic systems to advanced systems. The current requests are from Brevard County property owners who have upgraded to advanced treatment septic systems in the past 2-3 years, independent from the Save Our Indian River Lagoon Septic Upgrade Program which provides cost-share agreements with homeowners for up to \$18,000.00 for upgrading to advanced septic and abandoning their existing, conventional septic system.

The first homeowner payment made through the Save Our Indian River Lagoon Septic Upgrade Program was in September 2020. Postcards were sent to 1,625 properties that were deemed the highest priority for an upgrade and for which funds were allocated in the Save Our Indian River Lagoon Project Plan. Properties were prioritized based on the amount of nitrogen loading that would reach the lagoon from each address, based on a state-approved septic impact model run county-wide for Brevard in 2018.

In 2021, the Save Our Lagoon Program expanded the number of eligible grantees by offering pro-rated grants at \$700/lb to property owners based on their property's modeled nitrogen loading. In 2022, the pro-rated cost share was increased from \$700/pound to \$1200/pound of nitrogen loading to increase the number of participants who were eligible for a significant economic incentive to upgrade to advanced septic.

In the spring of 2022, staff sent over 5,000 postcards targeting a larger pool of priority septic locations. Several thousand of these postcards went to property owners who



were not eligible for cost share when the program was initially limited to the 1,625 highest priority sites. A few of the new postcard recipients had inquired about cost share earlier, but were not eligible at that time, yet decided to proceed with upgrading their system on their own. Several more postcard recipients were not aware of the cost-share program's existence but had completed septic upgrades voluntarily. As of August 10, 2022, five residents have contacted staff and/or County Commission offices requesting retroactive payment for having already upgraded to advanced septic.

On February 22, 2022, when the County Commission approved the 2022 Save Our Indian River Lagoon Project Plan update, they also authorized staff to apply the increased cost-share of \$1,200 per pound to the three "early adopters" who had already received cost-share at the previous \$700 per pound cost share rate. The new retroactive payment requests would expand the number of "early adopters" rewarded for leading the community in reducing the impact of high-priority conventional septic systems on Indian River Lagoon water quality.

Given the expansion of the septic upgrade program over recent years and the County Commission's support for encouraging participation and rewarding early adopters, the following options are provided for consideration:

- a) Recommend to the Board of County Commissioners (BOCC) that they authorize retro pay to homeowners who meet the following conditions:
 - 1. Upgrade must have been voluntary, not required by local or state code.
 - 2. Upgrade must have followed all Save Our Indian River Lagoon program guidelines other than grant approval prior to construction.
 - 3. Upgrade must have been properly permitted and certified by the Florida Department of Health/Florida Department of Environmental Protection.
 - 4. Operation and maintenance permits must be current, with no gaps in the owner's compliance.
 - 5. Retro-pay amount shall not exceed the sum of costs documented with proof of payment.
 - 6. Work must have been completed after 9/1/2020 (when the 1st payment was processed for the septic upgrade program).
 - 7. Work had to be completed before 6/1/2022 (when the last notifications were mailed to owners of priority sites).
 - 8. Septic loading estimated in the 2018 county-wide septic loading model for conventional septic at the site must be at least 10 pounds total nitrogen,



with load reduction for conversion to an advanced system of at least 5 pounds total nitrogen.

9. Retro-pay shall be a flat \$6,000, representing the typical difference in cost between conventional (\$12,000) and advanced systems (\$18,000) and equal to the typical cost share of \$1,200/pound times 5 pounds of load reduction)
 10. The sum of Retroactive Payments to be processed by staff shall not exceed \$100,000 without specific authorization by the County Commission.
- b) Recommend to the BOCC that they consider specifying what conditions should apply to homeowners seeking retroactive payments for septic upgrades; or
 - c) Recommend to the BOCC that they reject requests for retroactive payment.