

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

November 16, 2018 – 8:30 to 11:30 am
Brevard County Government Center
2725 Judge Fran Jamieson Way
Building C, 1st Floor, Commission Room
Viera Florida 32940

- I. Call to Order
- II. Roll Call
- III. Approval of the Agenda
- IV. Approval of Minutes
- V. Monthly Progress and Fiscal Reports – Virginia Barker, Director
 - a. November 2018 Progress Report
 - b. Save Our Indian River Lagoon Project Performance Table
 - c. Revenue Graph and Financial Statement
- VI. Other Reports and Special Presentations
 - a. Circulation Enhancement – Dr. Gary Zarillo, Florida Institute of Technology
 - b. Modeling Muck Toxicity and E. coli Screening – Dr. Drew Palmer, Florida Institute of Technology
 - c. Brevard County Stormwater Utility's Full-Scale Pilot Test Filtration and/or Biosorption Activated Media Projects – Jeff Rapolti, PE, Brevard County
 - d. My Lagoon Story Videos – Dylan Hansen
- VII. New Business
 - a. Proposed 2019 Meeting Schedule
- VIII. General Public Comment
- IX. Final Comments by Chair and Committee Members
- X. Adjournment

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

October 19, 2018 – 8:30 a.m. – 11:30 a.m.
2725 Judge Fran Jamieson Way,
Bldg. C, 1st Floor, Commission Room
Viera, FL 32940

Members Present:

Expertise	Member	Present	Alternate	Present
Science	Lorraine Koss	Yes	Charles Venuto	Yes
Technology	John Byron	Yes	Vinnie Taranto	Yes
Education	Stephany Eley - Chair	Yes	John Durkee	Yes
Finance	Courtney Barker	Yes	Todd Swingle	No
Tourism	David Lane – Vice-Chair	Yes	Karen McLaughlin	Yes
Real Estate	Gene Artusa	No	Danielle Bowden	No
Lagoon Advocacy	John Windsor	Yes	Terry Casto	Yes

Staff Present:

Virginia Barker, Brevard County Natural Resources Management Director
Christine Valliere, Brevard County Assistant County Attorney
Carol Gerundo, Executive Secretary
Walker Dawson, Engineer III, Muck Dredging
Courtney Maier, Engineer I, Stormwater
Anthony Gubler, Associate Environmental Specialist
Brandon Smith, Environmental Specialist
Crystal Melton, Fiscal Analyst
Matt Culver, Brevard County Boating & Waterways Program Coordinator

I. Call to Order

II. Roll Call

A quorum was established.

III. Approval of the Agenda

Lorraine Koss moved to approve the Agenda as written; Seconded by John Byron.
Motion was unanimously approved.

IV. Approval of Minutes

John Windsor moved to approve the September 21, 2018 Minutes as written; Seconded by John Byron. Motion was unanimously approved.

V. Monthly Progress and Fiscal Reports – Virginia Barker, Director

a. October 2018 Progress Report

The Monthly Progress and Fiscal Reports were given by Virginia Barker.
Discussion ensued.

i. Save Our Indian River Lagoon Project Performance Table

Brandon Smith, Environmental Specialist, gave an update on the Save Our Indian River Lagoon Project Performance Table.

ii. Save Our Indian River Lagoon Project Process Timeline

Item was discussed under Item V.a.i., Save Our Indian River Lagoon Project Performance Table.

iii. Revised Dashboard Graphic – Brandon Smith, Environmental Specialist

Brandon Smith spoke briefly about the Revised Dashboard Graphic on the Save Our Indian River Lagoon Citizen Oversight Committee website.

Walker Dawson, Engineer, gave an update on the Eau Gallie Dredging Project. Permit applications were submitted to the Army Corp of Engineers and the Department of Environmental Protection. A Permit was received from the Department of Environmental Projection. Discussion ensued.

The Committee's questions were answered by Virginia Barker and Walker Dawson.

b. Financial Statement and Revenue Graph

Virginia Barker gave an update on the Financial Statement and Revenue Graph. Discussion ensued.

The Committee's questions were answered by Virginia Barker.

VI. Other Reports and Special Presentations

a. Crane Creek (M-1 Rediversion) Project Update – Dr. Ann Shortelle, Executive Director, St. Johns River Water Management District and Drew Bartlett, Assistant Secretary, Florida Department of Environmental Protection

Due to Hurricane Michael, the Governor restricted travel to only emergency related travel and the presenters were not able to make it to the meeting. The Crane Creek (M-1 Rediversion) Project Update will be presented at a future meeting.

b. Tourist Development Council Lagoon Tourism Grant Program – Stacy Delano

Stacy Delano, Finance Manager, Tourist Development Council, gave a power point presentation on the Tourist Development Council Lagoon & Tourism Grant Program. Discussion ensued.

The Committee's questions were answered by Stacy Delano, Beth Lemke, Planning Solutions, and Virginia Barker.

c. Septic Ordinance Analysis and Project Prioritization Implications – Virginia Barker, Director and Anthony Gubler, Environmental Specialist

Virginia Barker and Anthony Gubler gave a power point presentation on Septic Ordinance Analysis and Project Prioritization Implications.

The Committee's questions were answered by Virginia Barker and Anthony Gubler.

VII. New Business

a. Meeting Frequency and Proposed By Laws Change – John Byron

John Byron moved to amend the Bylaws to state that the Committee holds regular meetings at least every two months, the Bylaws language to be modified as follows:

ARTICLE V. OVERSIGHT COMMITTEE MEETINGS

Section 1. The Oversight Committee holds regular ~~monthly~~ meetings-at least every two months on dates it sets in coordination with the Natural Resources Management Director. Special meetings may be held at the call of the Natural Resources Management Director or upon request of the Chair plus two members of the Oversight Committee. Meetings may be extended beyond three hours' duration only by vote of the Oversight Committee at that meeting; Seconded by Courtney Barker. Discussion ensued.

Lorraine Koss moved to amend the motion to read that the Oversight Committee holds regular meetings, removing the word monthly; Seconded by John Windsor. Discussion ensued.

John Byron and Courtney Barker accepted the amendment to the main motion.

The main motion, that the Bylaws language be modified to read: The Oversight Committee holds regular meetings on dates it sets in coordination with the Natural Resources Management Director, was unanimously approved.

The second motion, requesting that the Committee adopt a schedule of meetings, commencing in January 2019, if proposed Bylaws Change was adopted, was withheld. Discussion ensued.

Discussion included; 1) the Committee's thoughts on regular meetings and whether to meet every other month; 2) having Monthly Progress and Fiscal Reports posted online and emailed to the Committee in off –months; and, 3) scheduling topics.

The Committee's questions were answered by Virginia Barker.

b. Septic Ordinance Compliance Grants – Virginia Barker

Virginia Barker noted that when the County Commission was discussing the Septic Moratorium in May, the question of how the proposed moratorium and the

permanent Ordinance would affect the community, especially the low income members of the community, came up. The County Commission asked staff if there was a way to offset the cost.

Ms. Barker presented staff's proposed Financial Assistance Options for Compliance with the Proposed Nitrogen Reducing Septic Overlay Ordinance and asked the Citizens Oversight Committee for input and recommendation to staff to bring back to the County Commission. Discussion ensued.

The Committee's questions were answered by Ms. Barker and the Committee provided input for staff to use in responding to the County Commission request.

c. Interlocal Coordination Meeting – Feedback from Cities

Virginia Barker gave an update on the Brevard Intergovernmental Coordination Meeting that was held on September 27, 2018. Discussion ensued.

The Committee's questions were answered by staff.

d. Plan Update Survey – Brandon Smith, Environmental Specialist

Brandon Smith reported on the Plan Update Survey. Discussion ensued.

The Committee's questions were answered by Virginia Barker and Brandon Smith.

e. Outputs and Outcomes Graphic – Virginia Barker, Director

Virginia Barker presented a graphic, Outputs and Outcomes. The graphic depicts outputs (what was actually being funded) and outcomes (expectations over a different time frame) to be used as a tool to determine the success of the Save Our Indian River Lagoon program. Discussion ensued.

f. Citizens Oversight Committee Reappointments

Virginia Baker mentioned that the Save Our Indian River Lagoon Citizen Oversight Committee's terms were up for renewal in February, 2019. Committee members were given a form to fill out noting whether or not they were seeking to be reappointed as soon as possible so that staff could begin the lengthy process of appointments and reappointments. Discussion ensued.

The Committee's questions were answered by Virginia Barker.

VIII. General Public Comment

Public Comments were heard.

IX. Final Comments by Chair and Committee Members

Final Comments were heard.

X. Adjournment



Save Our Indian River Lagoon Project Plan November 2018 Progress Report

WORK COMPLETED THIS MONTH:

- Septic Ordinance Overlay map posted for municipal permit staff, contractor and public use
- Kingsmill-Aurora Stormwater – land purchase was approved by the County Commission
- Grand Canal Muck Dredging – task order executed for coordinating dredge setback waivers
- Eau Gallie Area Muck Removal – state permit issued; federal permit distributed for formal consultation
- Muck Dredging Master Permit - initial seagrass/bathymetric survey field work completed for Rockledge
- Indian Harbour Muck – preliminary plans, sediment analysis and environmental resource report complete
- Muck Finders – Milford Point field work completed
- Micco Sewer Line Ext – 1st quarterly groundwater monitoring report complete
- UCF Living Shoreline Monitoring – 1st Quarterly Report received for first 3 installed sites
- Fiscal Year 2018 Expenditures closed out; Fiscal Year 2019 Purchase Orders opened for all contracts

WORK UNDERWAY THIS MONTH:

- 23 New Substitute Projects Received: 15 Stormwater, 1 Waste Water Treatment Plant Upgrade, 1 Smoke Testing/Sewer Lateral Rehabilitation, 1 Muck Removal, 5 Living Shoreline projects
- Titusville Osprey Plant Upgrade – contract awarded and Notice to Proceed issued
- Palm Bay - North Region Water Reclamation Facility – requesting setback variance
- Micco Sewer Ext. – Final design and state environmental and transportation permitting underway
- Sykes Creek Zones M & T – preliminary design underway
- Sykes N Septic-to-Sewer – survey and design underway for expanded project area
- South Central C Septic-to-Sewer – preliminary design complete
- Melbourne Pennwood Septic to Sewer – design complete, contractor approval going to council
- Melbourne – Hoag Septic to Sewer – permit delays, will be requesting an extension
- Beaches Leaking Sewer Laterals - reviewing phase 2 smoke testing report
- Developing monitoring plan for testing innovative septic technology for the Florida Department of Health
- Titusville South Street - bid awarded, construction to begin this quarter
- Melbourne Cliff Creek Baffle Box – in design, working on land acquisition, requesting 8 month extension
- Melbourne Thrush Drive Baffle Box – lack of storm events, requesting 1 year extension for monitoring
- Stormwater Basins 1349, 1409, and 989 – design scopes requested for denitrification projects
- Kingsmill-Aurora – selecting design consultant and beginning process for acquiring DOT pond
- Mims Muck Dredging and Outflow Treatment - dredging continues, approximately 70% complete
- Cocoa Beach - Muck Dredging contract is approximately 50% complete
- Grand Canal Muck Dredging – finalizing bid package for advertisement
- Sykes Creek Muck Dredging – “Phase 1” final design of spoil site approximately 40% complete
- Muck Dredging Permits – finalizing seagrass/bathymetric survey reports for Titusville and Rockledge
- Mathers Bridge Area Muck Removal – scoping expansion of project area
- Merritt Island Muck Dredging – bathymetric/muck survey complete, vibracore locations selected
- PFAS samples of groundwater, muck, and lagoon surface waters collected and sent to lab
- Grass Clippings Outreach Study observational study complete, survey underway
- Filming videos - “My Lagoon Story,” Living Shoreline Demonstration Site, and Turkey Creek Watershed



PRESENTATIONS THIS MONTH:

October 17 – Archie Carr National Wildlife Refuge Working Group: Virginia
 October 25 – Cocoa Beach Regional Chamber of Commerce - Convention and Visitors Bureau Power Lunch: Virginia
 October 30 – State Interagency Discussion of Oyster Success Criteria – Zoo staff, Jane, Virginia
 November 5 – North Merritt Island HOA: Walker (postponed until February)
 November 7 – Brevard County Internal Audit Committee – Crystal, Virginia
 November 9 – Lagoon SMART Meeting – Brandon & Anthony
 November 9 – How Bold and Gold is Made Facility Tour – Walker
 December 6 – Florida Stormwater Association Winter Conference: Anthony
 February 6 – NASA/FDEP Partnership Meeting –Anthony, Brandon, Courtney
 February 12 – East Merritt Island HOA: Brandon
 February 15 – Christian Women Business Association: Brandon

WEBSITE AND SOCIAL MEDIA LINKS:

Website: <http://www.brevardfl.gov/SaveOurLagoon>
 Facebook: <https://www.facebook.com/BrevardCountySaveOurLagoon>;
 Instagram: <https://www.instagram.com/saveourlagoon/>
 YouTube: <https://goo.gl/GBh6xU>

UPCOMING LAGOON SCIENCE FORUMS AND PUBLIC EVENTS:

Sharing Our Research with Everyone (ShORE) Symposium, November 30, <http://www.daytonastate.edu/shore/>
 Indian River Lagoon Symposium, Harbor Branch, February 7-8, <http://www.indianriverlagoon.org/Symposium.html>
 Diamond Back Terrapin Working Group: Florida Regional Meeting, February 8, contact Joe Butler jbutler@unf.edu

UPCOMING VOLUNTEER PARTICIPATION OPPORTUNITIES:

Brevard Zoo Restore Our Shores – Oyster Shell Bagging, November 16, 2018, 8:00 am – 12:00 pm,
<https://restoreourshores.org/volunteer-we-need-you/>
 Lagoon Friendly Lawns – contact Kaylyn Palmer of Keep Brevard Beautiful at 321-631-0501
 Fish Kill Response Cleanup: contact Desiree Lesko of Keep Brevard Beautiful at 321-631-0501
 Muck Finders - contact Jared McNally, jared@mrcirl.org, at the Marine Resources Council
 Marine Resources Council Lagoon Watch, Mangrove, or Lagoon Literacy program, <https://savetheirl.org/volunteer/>

FUTURE TOPICS FOR SPECIAL PRESENTATIONS:

1. Re-use/Reclaimed Water – Nutrient Loading Impacts and Opportunities
2. Harvesting of Aquatic Weeds
3. Scientific Peer Review of the Save Our Indian River Lagoon Project Plan and Recommended Updates
4. Coordinating Dredging and Spoil Management with Florida Inland Navigation District
5. Mechanical Dewatering of Muck and Methods for Stripping Nutrients from Interstitial Water
6. Indian River Lagoon Research News: TechCon, ShORE, and Harbor Branch Symposium Highlights
7. Completed and Ongoing Muck Research – Florida Tech and Ocean Research Conservation Association
8. Lagoon Fish and Fisheries
9. A Day in the Life of the Indian River Lagoon Summary – Missy Weiss

South Beaches Phase 2 Smoke Testing Report

Brevard County Utility Services Department



AUGUST 2018 | VERSION 1

PREPARED BY:

Kimley»Horn

EXECUTIVE SUMMARY

On April 13, 2018, Brevard County Utilities (County) authorized Kimley-Horn to provide engineering services for Brevard County Unincorporated and Indian Harbour Beach's sanitary sewer systems smoke testing study within the South Beaches service area. The intent of this study was to utilize smoke testing to identify major contributors of stormwater into the sanitary sewer system and identify the necessary repairs. Based on discussions with Brevard County, the South Beaches service area experiences elevated sanitary flow rates during storm events; a portion of this flow is entering the system through broken or missing infrastructure as "inflow" into the sanitary sewer collection system. Smoke testing was performed to locate these deficiencies and determine the severity of the impact they have on the system.

The sanitary sewer system begins at each property and consists of a lateral pipe to convey the wastewater from the individual user into the County's collection system. A lateral has a cleanout riser that provides access to the lateral for cleaning or investigation, such as videoing the line. Each lateral is owned by the respective property owner up to the property line where ownership transfers to the County. The laterals then discharge their flows into the gravity pipes, or mains. The sewer mains are sloped to convey this flow by gravity to a lift station. Each lift station contains pumps that "lift" the wastewater to a higher elevation to convey it towards the treatment facility. The lift station may pump to another station for repumping or pump directly to the treatment facility. This study investigated the gravity sewer lines and laterals; smoke testing is not applicable to the testing of the lift stations or their associated pressurized pipelines. The total Phase 2 sanitary collection system consists of 29 lift stations, 1,165 manholes, and approximately 56 miles of gravity sewer.

Smoke testing was performed for the Phase 2 area in May and July 2018 by utilizing a smoke blowing machine that produces a non-toxic artificial "smoke," which is pumped into the sanitary system through an open manhole. As the smoke travels through the sanitary sewer system, the smoke rises to the ground surface through any deficiencies in the lateral lines, such as cracks, leaks, breaks, etc. The deficiencies indicate locations where inflow is likely to enter the sanitary sewer system, as depicted in **Figure 1**. If there is not a deficiency, the smoke travels from the sewer system through the lateral pipe and out of the vent stack of each building.

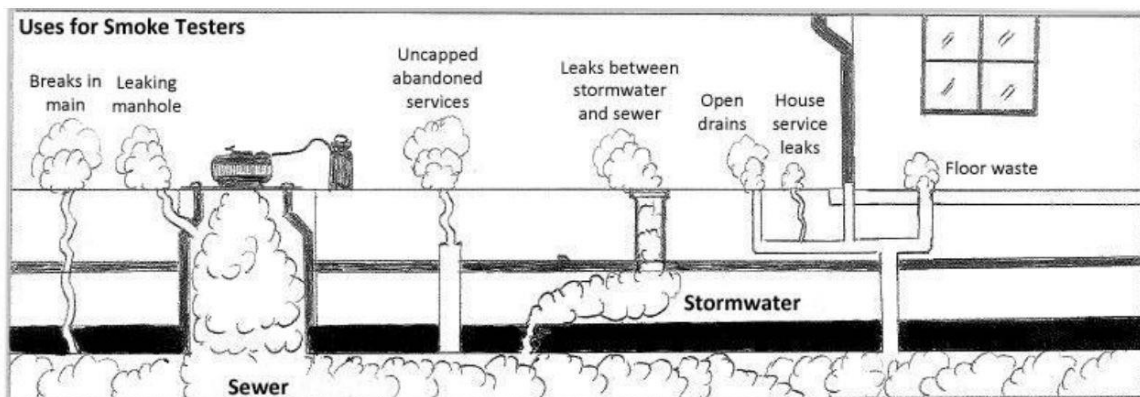


Figure 1: Smoke Testing Illustration

An estimated 7,592 properties were smoke tested in Phase 2, which can be seen in **Figure 4** on page 5. The smoke testing field efforts identified 190 deficiencies in the Phase 2 area. Out of the 190 deficiencies, there were 163 broken or missing cleanout caps, 21 broken lateral pipes, 1 storm connection, and 5 damaged manholes/gravity mains. **Figures 2** and **3** on the following page depict examples of a typical broken lateral and broken cleanout cap deficiency, respectively. During the smoke testing efforts, the

County purchased 3- and 4-inch cleanout caps and replaced the damaged or missing cleanout caps identified on the property and in the right of way (ROW). The County staff only replaced cleanout caps that were accessible and had no damage to the fitting that would prevent the new cap from being correctly placed immediately.

During the smoke testing, it was noted that a majority of the manhole lids were emitting smoke, potentially indicating an additional source of inflow. Manhole inserts, or “rainstoppers,” can be installed in the manhole as an effective corrective action.



An engineering analysis was performed to estimate that inflow into the system could potentially be as high as 2.5 MGD in an extreme 24-hour event. Extreme events such as 8-hour to 24-hour storm events are usually experienced during tropical storms or hurricanes. The South Beaches area usually encounters smaller 1 to 4 hour rain events, which contribute a substantially lower amount of inflow than the maximum of 2.5 MGD. Based on unit budgetary costs for each type of deficiency, the estimated cost of the fixes totaled approximately \$805,500 for the Phase 2 smoke testing area. **Table 1** summarizes the number of each type of deficiency, along with the estimated costs of deficiencies, manhole inserts for the manholes located in the lowest elevation zone (Zone 2), and the amount of potential inflow reduction to the sewer system.

Deficiency Type	Number	Cost	1-hour (MG ¹)	4-hour (MG)	8-hour (MG)	24-hour (MG)
Manhole Inserts	650	\$162,500	0.012	0.048	0.096	0.281
Cleanout	163	\$326,000	0.055	0.219	0.438	1.314
Lateral	21	\$210,000	0.035	0.140	0.280	0.837
Storm Connection	1	\$30,000	0.004	0.016	0.032	0.089
Manhole/Main	5	\$77,000	0.000	0.001	0.002	0.005
Total Deficiencies	190²	\$805,500	0.106	0.423	0.847	2.522

Table 1: Data Summary

Notes:

1. MG – million gallons

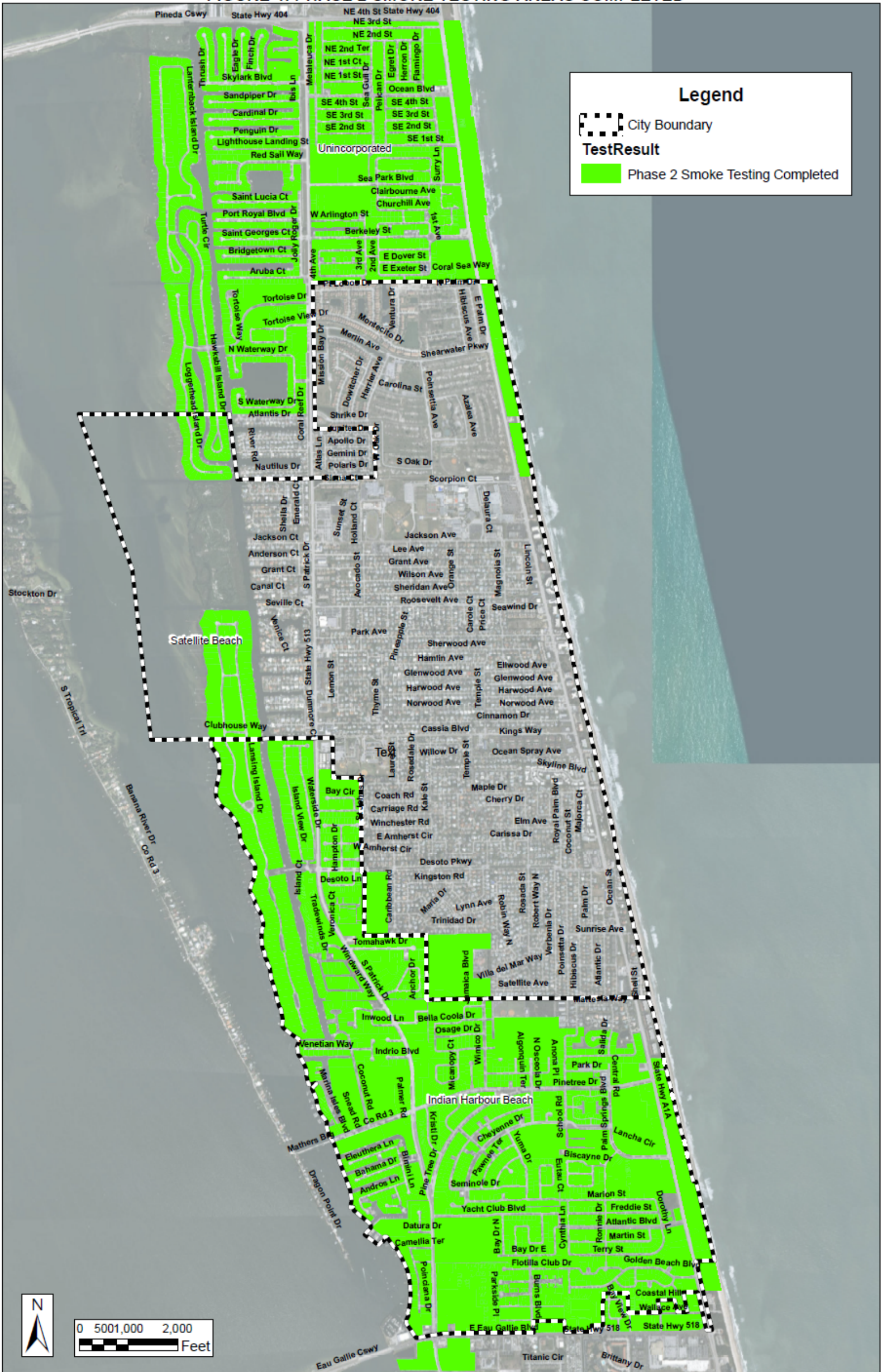
2. Manhole inserts are not accounted for in the total deficiency count

It is recommended that the County proceed with the following improvements to reduce the amount of inflow into the South Beaches Wastewater Treatment Plant:

1. **Investigate the potential storm interconnect on Andros Lane.** The stormwater inlet on Andros Drive needs to be investigated and repaired as soon as possible.
2. **Repair the lateral and damaged manhole/gravity main deficiencies.** Property owners of damaged laterals will be contacted for scheduling and recommended actions.
3. **Replace all broken and missing cleanout caps.** Property owners with damaged cleanouts on their property that require further investigation will be contacted for scheduling and recommended actions.
4. **Continue the County's preventative measure of purchasing 100 manhole inserts per quarter.** It is recommended to install manhole inserts in the area of the lowest elevation, which is the western portion of Unincorporated Brevard and Indian Harbour Beach.

In the South Beaches area, the storm and sanitary systems are separate collection systems and it is important to maintain that separation. During extended storm events, the water level in the Indian River rises. This rise in the river level raises the water within the stormwater collection system. This causes a reduction in the rate the stormwater collection system can drain the collection area potentially resulting in surface flooding of varying degrees. Depending on the severity of the event, surface flooding becomes inevitable as it is more related to the water level in the river than the stormwater infrastructure. The City of Indian Harbour Beach regularly provides proactive maintenance and improvements to their stormwater management system to maximize the stormwater drainage of the system. When the collection system surcharges in extended storm events, even in a well-maintained system the water rises into drainage swales, roadways, and potentially outside of the road right of way onto private property. In these circumstances, this stormwater will enter the sanitary sewer system through any available opening, such as the deficiencies identified in this report. The City and the County regularly work together to maintain both systems to the greatest benefit of the community. These efforts should be continued to guard against system overflows. Residents of Brevard County have a responsibility to maintain their plumbing and play an integral part in minimizing inflow to the sewer system by properly maintaining the lateral and cleanout cap on their property. Public education efforts should be employed on a regular basis and specifically during hurricane season to make residents aware of the importance of proper maintenance. The County, the City, and the local residents all have a role to play to protect the Indian River Lagoon. The County should continue to lead these efforts through infrastructure maintenance and improvements, continued coordination with the City, and an increased effort on public education and awareness.

**BREVARD COUNTY I/I SMOKE TESTING PHASE
FIGURE 4: PHASE 2 SMOKE TESTING AREAS COMPLETED**



Save Our Indian River Lagoon Performance Table

Responsible Entity	Project Name	Project Type	Grant Confirmation Notice Sent	Scope of Work Received	Contract Prepared	Executed By County	Executed By Grantee	Project Complete	Reimbursement Requested	Reimbursement Sent
Brevard County	Long Point Park Upgrade	Septic Upgrade							100.00%	100.00%
Brevard County	Denitrification Retrofit of Johns Rd Pond (Engineering)	Stormwater Traditional							16.28%	16.28%
Brevard County	Denitrification Retrofit of Johns Rd Pond (Construction)	Stormwater Traditional		Expected Fiscal Year 2018/19						
Brevard County	Kingsmill-Aurora Phase 2 of 2 (Land Acquisition)	Stormwater Traditional								
Brevard County	Kingsmill-Aurora Phase 2 of 2 (Engineering)	Stormwater Traditional								
Brevard County	Kingsmill-Aurora Phase 2 of 2 (Construction)	Stormwater Traditional		Expected Fiscal Year 2020/21						
Brevard County	Denitrification Retrofit of Huntington Pond (Engineering)	Stormwater Traditional							8.67%	8.67%
Brevard County	Denitrification Retrofit of Huntington Pond (Construction)	Stormwater Traditional		Expected Fiscal Year 2018/19						
Brevard County	Denitrification Retrofit of Flounder Creek Pond (Engineering)	Stormwater Traditional							26.45%	26.45%
Brevard County	Denitrification Retrofit of Flounder Creek Pond (Construction)	Stormwater Traditional		Expected Fiscal Year 2018/19						
Brevard County	Mims Muck Removal: Outflow Water Nutrient Removal (Engineering)	Muck Removal & Interstitial Treatment								
Brevard County	Mims Muck Removal: Outflow Water Nutrient Removal (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						

Responsible Entity	Project Name	Project Type	Grant Confirmation Notice Sent	Scope of Work Received	Contract Prepared	Executed By County	Executed By Grantee	Project Complete	Reimbursement Requested	Reimbursement Sent
Brevard County	Grand Canal Muck Dredging (Engineering)	Muck Removal & Interstitial Treatment								
Brevard County	Grand Canal Muck Dredging (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Brevard County	Sykes Creek Muck Dredging (Engineering)	Muck Removal & Interstitial Treatment								
Brevard County	Sykes Creek Muck Dredging (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2019/20						
Brevard County	Muck Re-dredging in Turkey Creek (Engineering)	Muck Removal & Interstitial Treatment							included below	included below
Brevard County	Muck Re-dredging in Turkey Creek (Construction)	Muck Removal & Interstitial Treatment							60.74%	60.74%
Brevard County	Muck Interstitial Water Treatment for Turkey Creek	Muck Removal & Interstitial Treatment							included above	included above
Brevard County	Merritt Island Muck Removal, Phase 1 of 2 (Engineering)	Muck Removal & Interstitial Treatment								
Brevard County	Merritt Island Muck Removal, Ph 1 of 2 (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Brevard County	Titusville Area Muck Removal, (Engineering)	Muck Removal & Interstitial Treatment							0.17%	0.17%
Brevard County	Titusville Area Muck Removal (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						

Responsible Entity	Project Name	Project Type	Grant Confirmation Notice Sent	Scope of Work Received	Contract Prepared	Executed By County	Executed By Grantee	Project Complete	Reimbursement Requested	Reimbursement Sent
Brevard County	Eau Gallie Area Muck Dredging (Engineering)	Muck Removal & Interstitial Treatment							0.17%	0.17%
Brevard County	Eau Gallie Area Muck Dredging (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Brevard County	Rockledge Area Muck Dredging (Engineering)	Muck Removal & Interstitial Treatment								
Brevard County	Rockledge Area Muck Dredging (Construction)	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Brevard County	Sewer Lateral Replacement Repair - Sat. Bch Pilot (Engineering)	Sewer Upgrades								
Brevard County	Sewer Lateral Replacement Repair - Sat. Bch Pilot (Construction)	Sewer Upgrades		Expected Fiscal Year 2018/19						
Brevard County	Sykes Creek - Zone N (Engineering)	Septic Removal							1.73%	1.73%
Brevard County	Sykes Creek - Zone N (Construction)	Septic Removal		Expected Fiscal Year 2018/19						
Brevard County	Sykes Creek - Zone M (Engineering)	Septic Removal							1.93%	1.93%
Brevard County	Sykes Creek - Zone M (Construction)	Septic Removal		Expected Fiscal Year 2019/20						
Brevard County	Sykes Creek - Zone T (Engineering)	Septic Removal							0.94%	0.94%
Brevard County	South Central - Zone C (Engineering)	Septic Removal							1.80%	1.80%
Brevard County	Micco Sewer Line Extension (Engineering)	Septic Removal							10.86%	10.86%
Brevard County	Micco Sewer Line Extension (Construction)	Septic Removal		Expected Fiscal Year 2018/19						

Responsible Entity	Project Name	Project Type	Grant Confirmation Notice Sent	Scope of Work Received	Contract Prepared	Executed By County	Executed By Grantee	Project Complete	Reimbursement Requested	Reimbursement Sent
Brevard County	Riverview Senior Resort (Engineering)	Living Shoreline - Oyster							included below	included below
Brevard County	Riverview Senior Resort (Construction)	Living Shoreline - Oyster							100.00%	100.00%
Brevard County	Marsh Harbor (Engineering)	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard County	Marsh Harbor (Construction)	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard County	Indian River Drive (Engineering)	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard County	Indian River Drive (Construction)	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Eden Isles Lane	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Marina Isles	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Bettinger	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Gitlin	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Coconut Pt/EELS	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Wexford	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Brevard Zoo	Bomalaski	Living Shoreline - Oyster							100.00%	100.00%
Brevard Zoo	Oliver	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Cape Canaveral	Cocoa Palms LID	Stormwater Traditional		Expected Fiscal Year 2017/2018						
Cape Canaveral	Carver Cover Swales	Stormwater Traditional		Expected Fiscal Year 2017/2018						

Responsible Entity	Project Name	Project Type	Grant Confirmation Notice Sent	Scope of Work Received	Contract Prepared	Executed By County	Executed By Grantee	Project Complete	Reimbursement Requested	Reimbursement Sent
Cape Canaveral	Central Blvd Baffle Box	Stormwater Traditional							100.00%	100.00%
Cape Canaveral	Cape Shores Swales	Stormwater Traditional		Expected Fiscal Year 2018/19						
Cape Canaveral	Justamere Rd. Swale	Stormwater Traditional		Expected Fiscal Year 2018/19						
Cape Canaveral	Hitching Post Berms	Stormwater Traditional		Expected Fiscal Year 2018/19						
Cocoa	Church Street Type II Baffle Box	Stormwater Traditional								
Cocoa Beach	Stormwater LID Convair Cove 1 Blakey Blvd	Stormwater Traditional		Expected Fiscal Year 2018/19						
Cocoa Beach	Stormwater LID Convair Cove 2 Demsey Drive	Stormwater Traditional		Expected Fiscal Year 2018/19						
Cocoa Beach	Cocoa Beach Muck Dredging-Phase III	Muck Removal & Interstitial Treatment							24.04%	24.04%
Cocoa Beach	Cocoa Beach Muck Dredging-Phase III Interstitial	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Cocoa Beach	McNabb Park	Living Shoreline - Oyster		Expected Fiscal Year 2018/19						
Cocoa Beach	McNabb Park - Plants	Living Shoreline - Plants		Expected Fiscal Year 2018/19						
Indian Harbour Beach	Gleason Park Reuse	Stormwater Traditional							100.00%	100.00%
Indian Harbour Beach	Muck Removal of IHB Canals	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						
Indian Harbour Beach	Muck Interstitial Water Treatment for IHB Canals	Muck Removal & Interstitial Treatment		Expected Fiscal Year 2018/19						

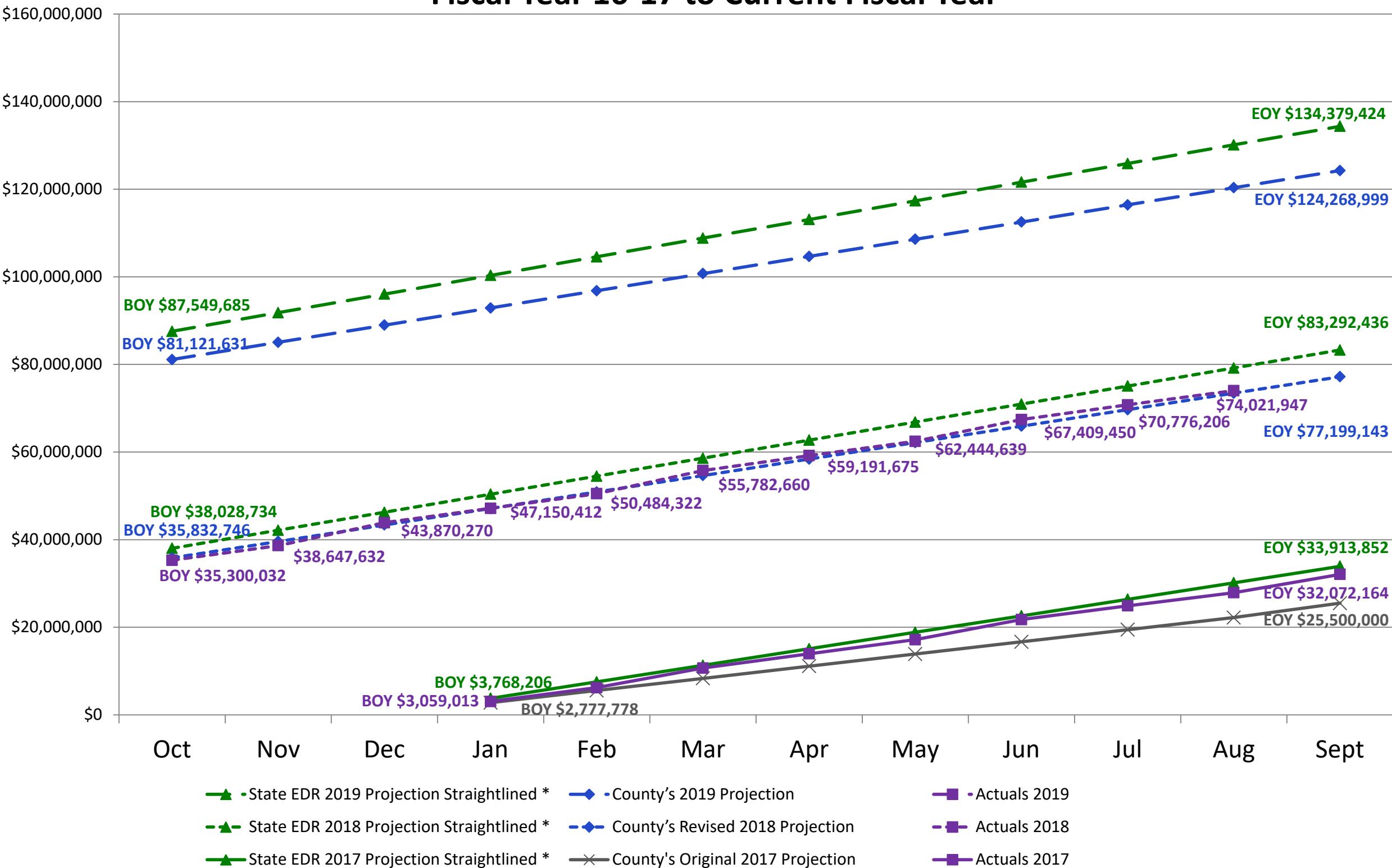
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Previous Month Grant Confirmation Notice Sent Total	Previous Month Scope of Work Received Total	Previous Month Contract Prepared Total	Previous Month Executed By County Total	Previous Month Executed by Grantee Total	Previous Month Project Complete Total	Previous Month Reimbursement Requested Total	Previous Month Reimbursement Sent Total
92	46	44	43	42	16	25	25

Current Month Grant Confirmation Notice Sent Total	Current Month Scope of Work Received Total	Current Month Contract Prepared Total	Current Month Executed By County Total	Current Month Executed by Grantee Total	Current Month Project Complete Total	Current Month Reimbursement Requested Total	Current Month Reimbursement Sent Total
94	49	48	46	45	18	29	28

Save Our Indian River Lagoon Revenues Cumulative Graph

Fiscal Year 16-17 to Current Fiscal Year



* Economic and Demographic Research Data is sourced from Florida's Office of Economic & Demographic Research using their Estimation of Realized and Unrealized Tax Revenues Table

- Projected and Actual Data is from Systems, Applications and Products program
- EDR-Economic and Demographic Research Data, BOY-Beginning of Year, EOY-End of Year
- For Screen Readers use the Save Our Indian River Lagoon Revenues Cumulative Fiscal Year 16-17 to Current Fiscal Year Table

Save Our Indian River Lagoon Revenues Cumulative Chart

Fiscal Year 16-17 to Current Fiscal Year

Month	State EDR 2019 Projection Straightlined *	County's 2019 Projection	Actuals 2019	State EDR 2018 Projection Straightlined *	County's Revised 2018 Projection	Actuals 2018	State EDR 2017 Projection Straightlined *	County's Original 2017 Projection	Actuals 2017
Oct	\$87,549,685	\$81,121,631		\$38,028,734	\$35,832,746	\$35,300,032			
Nov	\$91,806,934	\$85,044,119		\$42,143,616	\$39,593,327	\$38,647,632			
Dec	\$96,064,183	\$88,966,607		\$46,258,498	\$43,353,909	\$43,870,270			
Jan	\$100,321,432	\$92,889,095		\$50,373,380	\$47,114,490	\$47,150,412	\$3,768,206	\$2,777,778	\$3,059,013
Feb	\$104,578,681	\$96,811,583		\$54,488,262	\$50,875,072	\$50,484,322	\$7,536,412	\$5,555,556	\$6,217,230
Mar	\$108,835,930	\$100,734,071		\$58,603,144	\$54,635,653	\$55,782,660	\$11,304,617	\$8,333,334	\$10,686,395
Apr	\$113,093,179	\$104,656,559		\$62,718,026	\$58,396,235	\$59,191,675	\$15,072,823	\$11,111,112	\$13,941,510
May	\$117,350,428	\$108,579,047		\$66,832,908	\$62,156,817	\$62,444,639	\$18,841,029	\$13,888,890	\$17,177,137
Jun	\$121,607,677	\$112,501,535		\$70,947,790	\$65,917,398	\$67,409,450	\$22,609,235	\$16,666,668	\$21,754,009
Jul	\$125,864,926	\$116,424,023		\$75,062,672	\$69,677,980	\$70,776,206	\$26,377,441	\$19,444,446	\$24,898,729
Aug	\$130,122,175	\$120,346,511		\$79,177,554	\$73,438,561	\$74,021,947	\$30,145,647	\$22,222,224	\$27,890,034
Sept	\$134,379,424	\$124,268,999		\$83,292,436	\$77,199,143		\$33,913,852	\$25,500,000	\$32,072,164

* 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

Save Our Indian River Lagoon - FY 2018

Financial Statement as of 08 November 2018

Fund 1260

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

Revenues

Commodity	Budget	Total Assigned YTD*	% Earned
Taxes	\$ 45,126,979	\$ 41,949,783	92.96%
Interest Earned	\$ 401,251	\$ 764,071	190.42%
Insurance Claims		\$ 224	
Federal Grants	\$ 1,357,269	\$ -	
State Grants	\$ 226,212	\$ -	
Cost Sharing - SJRWMD	\$ 678,730	\$ -	
Statutory Reduction	\$ (2,389,524)	\$ -	
Balance Forward	\$ 31,883,823	\$ 31,883,823	
Total	\$ 77,284,740	\$ 74,597,901	

Expenditures (Roll-Up)

Commodity	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 456,636	\$ 362,605	\$ 362,605
Operating Expenses	\$ 98,944	\$ 53,840	\$ 71,139
Operating Expenses - Available now for YEAR 2 & 3 Design & Permitting	\$ 2,827,037	\$ -	\$ -
Capital Outlay	\$ 5,600	\$ 5,467	\$ 5,467
Transfers	\$ -	\$ -	\$ -
SOIRL Projects funded under Operating Expenses	\$ 3,883,000	\$ 553,058	\$ 174,109
SOIRL Projects funded under Capital Improvement	\$ 23,757,735	\$ 3,231,538	\$ 1,499,493
SOIRL Projects funded under Aid to Gov't Agencies	\$ 25,016,643	\$ 2,111,019	\$ 1,353,311
SOIRL Projects funded under Aid to Private Organizations	\$ 716,905	\$ 48,980	\$ 48,980
A1-Contingency	\$ 2,997,322	\$ -	\$ -
Reserves	\$ 17,524,918	\$ -	\$ -
Total	\$ 77,284,740	\$ 6,366,508	\$ 3,515,104

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Operating Expenses	Contracted**	Budget	Total Assigned YTD*	Actuals
1-Project Monitoring (Respond) CM's: 3972, 3971, 3959, 3690, 3979, 3973, 4047	\$ 402,097	\$ 1,000,000	\$ 522,658	\$ 170,279
1-Community Awareness Initiatives	\$ 10,400	\$ 25,000	\$ 10,400	\$ 3,830
1-Fertilizer Management Public Education	\$ -	\$ 125,000	\$ -	\$ -
A1-Grass Clippings Public Education CM-3969	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
A1-Excess Irrigation Public Education	\$ -	\$ 75,000	\$ -	\$ -
A1-Stormwater Pond Maintenance Public Education	\$ -	\$ 75,000	\$ -	\$ -
A1-Septic System Maintenance Public Education	\$ -	\$ 75,000	\$ -	\$ -
1-Septic Upgrades-BRL-24 Upgrades	\$ -	\$ 384,000	\$ -	\$ -
1-Septic Upgrades-NIRL-35 Upgrades	\$ -	\$ 560,000	\$ -	\$ -
1-Septic Upgrades-CIRL- 44 Upgrades	\$ -	\$ 704,000	\$ -	\$ -
A1-Sewer Laterals Pilot Project	\$ -	\$ 840,000	\$ -	\$ -
<i>SOIRL Projects funded under Operating Expenses Subtotal</i>	<i>\$ 432,497</i>	<i>\$ 3,883,000</i>	<i>\$ 553,058</i>	<i>\$ 174,109</i>

SOIRL Projects

Project Title SOIRL Projects funded under Capital Improvement	Contracted**	Budget	Total Assigned YTD*	Actuals
0-Septic Removal-BRL-Sykes Creek M CM-3838	\$ 200,000	\$ 200,000	\$ 200,000	\$ 22,400
0-Septic Removal-BRL-Sykes Creek T CM-3839	\$ 300,000	\$ 300,000	\$ 300,000	\$ 26,000
0/1-Septic Removal-NIRL-South Central C CM-3840	\$ 450,000	\$ 2,640,000	\$ 420,755	\$ 47,592
S0-Septic Removal-CIRL-Micco Sewer Line Extension CM-3831, CM-3709	\$ 196,980	\$ 1,391,316	\$ 196,980	\$ 128,500
S0-Septic Removal-CIRL-Micco Sewer Line Extension SJRWMD CM-3678	\$ 644,793	\$ 644,793	\$ -	\$ -
1-Septic Removal-BRL-Sykes Creek N CM-3830	\$ 38,529	\$ 1,720,000	\$ 38,592	\$ 29,462

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Capital Improvement Cont'd	Contracted**	Budget	Total Assigned YTD*	Actuals
0-Muck Removal-NIRL-Mims Outflow CM-3832 ***	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
1-Muck Removal-NIRL-Grand Canal Muck Dredging	\$ -	\$ 4,000,000	\$ -	\$ -
1-Muck Removal-NIRL-Eau Gallie Muck Dredging CM-3975	\$ 52,055	\$ 3,640,000	\$ 52,055	\$ 41,633
1-Muck Removal-BRL-Sykes Creek Muck Dredging CM-3833	\$ 200,000	\$ 4,000,000	\$ -	\$ -
A1-Muck Removal-CIRL-Turkey Creek Muck Dredging CM-3966, 3967	\$ 1,719,207	\$ 1,719,207	\$ 1,719,207	\$ 1,044,168
A1-Muck Removal-BRL-Merritt Island Muck Dredging Phase I	\$ -	\$ 1,936,415	\$ -	\$ -
A1-Muck Removal-NIRL-Titusville Muck Dredging CM-3975	\$ 52,055	\$ 200,000	\$ 52,055	\$ 41,633
A1-Muck Removal-IRL-Melbourne Causeway Muck Dredging CM-3975	\$ 52,055	\$ 200,000	\$ 52,055	\$ 41,633
S0-Stormwater Projects-NIRL-Huntington Pond Denitrification CM-4015	\$ 18,205	\$ 104,720	\$ 18,205	\$ 9,074
S0-Stormwater Projects-NIRL-Flounder Creek Pond CM-3907	\$ 27,040	\$ 75,328	\$ 27,040	\$ 19,923
S0-Stormwater Projects-NIRL-John Roads Pond CM- 3906	\$ 24,290	\$ 105,512	\$ 24,290	\$ 17,173
S0-Kingsmill-Aurora Phase II ***	\$ -	\$ -	\$ -	\$ -
1-Basin 989 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Basin 1071 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Basin 1172 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Basin 1222 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Basin 1318 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Oyster Reef Living Shoreline-BRL-Marsh Harbor	\$ -	\$ 47,350	\$ -	\$ -
1-Oyster Reef Living Shoreline-CIRL-Riverview Senior Resort CM-3806	\$ 30,400	\$ 30,304	\$ 30,304	\$ 30,304
1-Oyster Reef Living Shoreline-NIRL-Indian River Drive	\$ -	\$ 179,930	\$ -	\$ -
A1-Plants Living Shoreline-NIRL-Indian River Drive	\$ -	\$ 22,860	\$ -	\$ -
<i>SOIRL Projects funded under Capital Improvement Subtotal</i>	<i>\$ 4,105,609</i>	<i>\$ 23,757,735</i>	<i>\$ 3,231,538</i>	<i>\$ 1,499,493</i>

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Aid to Gov't Agencies	Contracted**	Budget	Total Assigned YTD*	Actuals
0-Waste Water Treatment Facility Upgrades-NIRL-Titusville Osprey CM-3627	\$ 300,000	\$ 2,000,000	\$ 300,000	\$ -
1-Waste Water Treatment Upgrade-CIRL-Palm Bay CM-3934	\$ 200,000	\$ 200,000	\$ 200,000	\$ 43,573
A1-Muck Removal-BLR-Cocoa Beach Phase III Muck Dredging & Interstitial CM-3986	\$ 490,653	\$ 1,496,114	\$ 490,653	\$ 359,660
A1-Muck Removal-BLR-Indian Harbour Beach Muck Dredging & Interstitial	\$ -	\$ 5,707,768	\$ -	\$ -
S0-Septic Removal-NIRL-Rockledge Breeze Swept CM-3690	\$ 880,530	\$ 880,530	\$ 880,530	\$ 880,530
S0-Septic Removal-NIRL-MIRA	\$ 211,438	\$ 211,438	\$ -	\$ -
S0-Septic Removal-CIRL-Melbourne-Hoag Sewer Conversion CM-3932 ***	\$ 86,061	\$ 86,031	\$ -	\$ -
S0-Septic Removal-CIRL-Melbourne-Penwood Sewer Conversion CM-3789	\$ 40,632	\$ 40,632	\$ 40,632	\$ -
1-Septic Removal-CIRL-Palm Bay B	\$ -	\$ 4,700,000	\$ -	\$ -
1-Septic Removal-CIRL-Palm Bay Sewer Hook-Ups	\$ -	\$ 7,764,000	\$ -	\$ -
A1-Septic to Sewer-CIRL-Melbourne-Riverside Drive	\$ -	\$ 265,960	\$ -	\$ -
S0-Stormwater Project-BRL-Cape Canaveral-Cocoa Palms LID	\$ -	\$ 1,144	\$ -	\$ -
S0-Stormwater Project-BRL-Cape Canaveral-Carver Cove Swale	\$ -	\$ 2,816	\$ -	\$ -
S0-Stormwater Project-BRL-Cape Canaveral- Central Blvd Baffle Box CM-3683	\$ 34,700	\$ 34,700	\$ 34,700	\$ 34,700
S0-Stormwater Project-BRL-Indian Harbor-Gleason Park Reuse CM-3751	\$ 4,224	\$ 4,224	\$ 4,224	\$ 4,224
S0-Stormwater Project-NIRL-Cocoa-Church St Type II Baffle Box	\$ -	\$ 20,856	\$ -	\$ -
S0-Stormwater Project-CIRL-Palm Bay-Bayfront CM-3784	\$ 30,624	\$ 30,624	\$ 30,624	\$ 30,624
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Cape Shores Swale	\$ -	\$ 2,746	\$ -	\$ -

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Aid to Gov't Agencies Cont'd	Contracted**	Budget	Total Assigned YTD*	Actuals
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Justamere Road Swale	\$ -	\$ 528	\$ -	\$ -
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Hitching Post Berms Swale	\$ -	\$ 2,552	\$ -	\$ -
S0-Stormwater Projects-NIRL-Titusville-St Teresa Basin CM-3929	\$ 322,200	\$ 272,800	\$ 42,800	\$ -
S0-Stormwater Projects-NIRL-Titusville-South Street Basin CM-3908	\$ 86,856	\$ 86,856	\$ 86,856	\$ -
S0-Stormwater Projects-NIRL-Titusville-La Paloma Basin CM-3933 ***	\$ 208,296	\$ 208,296	\$ -	\$ -
S0-Stormwater Projects-NIRL-Melbourne-Cliff Creek Baffle Box CM-3931 ***	\$ 347,781	\$ 347,781	\$ -	\$ -
S0-Stormwater Projects-NIRL-Melbourne-Thrush Drive Baffle Box CM-3930 ***	\$ 322,200	\$ 322,200	\$ -	\$ -
S0-Stormwater Projects-CIRL-Melbourne-Stewart Rd Dry Retrofit	\$ -	\$ 18,344	\$ -	\$ -
A1-Stormwater Project-BRL-Indian Harbour Beach- Big Muddy Baffle Box	\$ -	\$ 26,637	\$ -	\$ -
S0-Oyster/Living Shorelines-CIRL-Palm Bay-Turkey Creek Shoreline Restoration	\$ -	\$ 113,500	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Cocoa Beach- McNabb	\$ -	\$ 34,056	\$ -	\$ -
A1-Plants/Living Shorelines-BRL-Cocoa Beach- McNabb	\$ -	\$ 5,760	\$ -	\$ -
A1-Oyster/Living Shorelines-NIRL-Melbourne- Riverview Park	\$ -	\$ 108,970	\$ -	\$ -
A1-Plants/Living Shorelines-NIRL-Melbourne- Riverview Park	\$ -	\$ 18,480	\$ -	\$ -
<i>SOIRL Projects funded under Aid to Gov't Agencies Subtotal</i>	<i>\$ 3,566,195</i>	<i>\$ 25,016,343</i>	<i>\$ 2,111,019</i>	<i>\$ 1,353,311</i>

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Aid to Private Organizations	Contracted**	Budget	Total Assigned YTD*	Actuals
A1-Oyster/Living Shorelines-BRL-Zoo-Merritt Island-Eden Isles Lane	\$ -	\$ 21,805	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Indian Harbour Beach-Marina Isles	\$ -	\$ 26,700	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Cocoa Beach- Bettinger	\$ -	\$ 10,680	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Gitlin	\$ -	\$ 16,020	\$ -	\$ -
A1-Oyster/Living Shorelines-NIRL-Zoo-Merritt Island-Bomalaski CM-4005	\$ 8,900	\$ 8,900	\$ 8,900	\$ 8,900
A1-Oyster/Living Shorelines-NIRL-Zoo-Merritt Island-Oliver	\$ -	\$ 51,620	\$ -	\$ -
A1-Oyster/Living Shorelines-CIRL-Zoo-Coconut Point/EELS	\$ -	\$ 509,950	\$ -	\$ -
A1-Oyster/Living Shorelines-CIRL-Zoo-Melbourne Beach-Wexford	\$ -	\$ 31,150	\$ -	\$ -
A1-Plants/Living Shorelines-BRL-MRC-Cocoa Beach Country Club CM-4002	\$ 16,080	\$ 16,080	\$ 16,080	\$ 16,080
A1-Plants/Living Shorelines-CIRL-MRC-Lagoon House CM-4003	\$ 24,000	\$ 24,000	\$ 24,000	\$ 24,000
<i>SOIRL Projects funded under Aid to Private Organizations</i>	<i>\$ 48,980</i>	<i>\$ 716,905</i>	<i>\$ 48,980</i>	<i>\$ 48,980</i>
SOIRL Projects Total	\$ 8,153,281	\$ 53,373,983	\$ 5,944,595	\$ 3,075,893

Save Our Indian River Lagoon - FY 2019

Financial Statement as of 8 November 2018

Fund 1260

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

Revenues

Commodity	Budget	Total Assigned YTD*	% Earned
Taxes	\$ 46,088,184	\$ -	0.00%
Interest Earned	\$ 1,404,635	\$ -	0.00%
Insurance Claims		\$ -	
Federal Grants	\$ 1,357,269	\$ -	
State Grants	\$ 226,212	\$ -	
Cost Sharing - SJRWMD	\$ 678,730	\$ -	
Statutory Reduction	\$ (2,487,752)	\$ -	
Balance Forward	\$ 72,712,813	\$ -	
Total	\$ 119,980,091	\$ -	

Expenditures (Roll-Up)

Commodity	Budget	Total Assigned YTD*	Actuals
Compensation & Benefits	\$ 460,338	\$ 446,303	\$ 36,678
Operating Expenses	\$ 213,751	\$ 91,343	\$ 526
Capital Outlay	\$ 5,774	\$ -	\$ -
Transfers	\$ -	\$ -	\$ -
SOIRL Projects funded under Operating Expenses	\$ 6,921,643	\$ 365,772	\$ -
SOIRL Projects funded under Capital Improvement	\$ 30,362,465	\$ 1,845,243	\$ -
SOIRL Projects funded under Aid to Gov't Agencies	\$ 41,729,137	\$ 4,579,324	\$ 109,702
SOIRL Projects funded under Aid to Private Organizations	\$ 700,786	\$ -	\$ -
A1-Contingency	\$ 5,509,896	\$ -	\$ -
Reserves	\$ 34,076,301	\$ -	\$ -
Total	\$ 119,980,091	\$ 7,327,985	\$ 146,906

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Operating Expenses	Contracted**	Budget	Total Assigned YTD*	Actuals
1/2-Project Monitoring (Respond) CM's: 3972, 3971, 3959, 3690, 3979, 3973, 4047	\$ 335,772	\$ 1,951,462	\$ 335,772	\$ -
1/2-Community Awareness Initiatives	\$ 10,400	\$ 46,147	\$ 10,000	\$ -
1/2-Fertilizer Management Public Education	\$ -	\$ 176,625	\$ -	\$ -
A1/2-Grass Clippings Public Education CM-3969	\$ 20,000	\$ 40,650	\$ 20,000	\$ -
A1/2-Excess Irrigation Public Education	\$ -	\$ 100,813	\$ -	\$ -
A1/2-Stormwater Pond Maintenance Public Education	\$ -	\$ 100,813	\$ -	\$ -
A1/2-Septic System Maintenance Public Education	\$ -	\$ 100,813	\$ -	\$ -
1/2-Septic Upgrades-BRL-50 Upgrades	\$ -	\$ 813,520	\$ -	\$ -
1/2-Septic Upgrades-NIRL-75 Upgrades	\$ -	\$ 1,220,800	\$ -	\$ -
1/2-Septic Upgrades-CIRL- 94 Upgrades	\$ -	\$ 1,530,000	\$ -	\$ -
A1-Sewer Laterals Pilot Project	\$ -	\$ 840,000	\$ -	\$ -
<i>SOIRL Projects funded under Operating Expenses Subtotal</i>	<i>\$ 366,172</i>	<i>\$ 6,921,643</i>	<i>\$ 365,772</i>	<i>\$ -</i>

*Total Assigned YTD-Year to Date, includes all stages of accounting for expenditures, with data derived from Systems, Applications and Products program; **Contracted with Municipalities data is derived from Contract Management System; ***Reimbursement requests expected in later fiscal years; SOIRL-Save Our Indian River Lagoon; CM-Contract Management System; BRL-Banana River Lagoon; NIRL-North Indian River Lagoon; CIRL-Central Indian River Lagoon

SOIRL Projects

Project Title SOIRL Projects funded under Capital Improvement	Contracted**	Budget	Total Assigned YTD*	Actuals
0/2-Septic Removal-BRL-Sykes Creek M CM-3838	\$ 188,000	\$ 1,139,575	\$ 188,000	\$ -
0-Septic Removal-BRL-Sykes Creek T CM-3839	\$ 280,500	\$ 300,000	\$ 280,500	\$ -
0/1-Septic Removal-NIRL-South Central C CM-3840	\$ 402,408	\$ 2,640,000	\$ 373,163	\$ -
S0-Septic Removal-CIRL-Micco Sewer Line Extension CM-3831, CM-3709, CM-3678	\$ 71,940	\$ 1,911,829	\$ 71,940	\$ -
1-Septic Removal-BRL-Sykes Creek N CM-3830	\$ 47,090	\$ 1,700,682	\$ 47,090	\$ -
0/2-Muck Removal-NIRL-Mims Outflow CM-3832	\$ 320,000	\$ 400,000	\$ -	\$ -
1/2-Muck Removal-NIRL-Grand Canal Muck Dredging	\$ -	\$ 1,500,000	\$ -	\$ -
1/2-Muck Removal-NIRL-Eau Gallie Muck Dredging CM-3975	\$ 12,470	\$ 7,033,530	\$ 12,470	\$ -
1/2-Muck Removal-BRL-Sykes Creek Muck Dredging CM-3833	\$ 200,000	\$ 1,500,000	\$ -	\$ -
A1-Muck Removal-CIRL-Turkey Creek Muck Dredging CM-3966, 3967	\$ 680,696	\$ 688,494	\$ 680,696	\$ -
A1-Muck Removal-BRL-Merritt Island Muck Dredging Phase I	\$ -	\$ 500,000	\$ -	\$ -
A1-Muck Removal-NIRL-Titusville Muck Dredging CM-3975	\$ 515,288	\$ 433,530	\$ 151,288	\$ -
A1-Muck Removal-IRL-Melbourne Causeway Muck Dredging CM-3975	\$ 12,470	\$ 481,474	\$ 12,470	\$ -
2-Muck Removal-BRL-8% Canals Muck Dredging	\$ -	\$ 4,600,000	\$ -	\$ -
2-Muck Removal-BRL-Mathers Area Muck Dredging	\$ -	\$ 3,000,000	\$ -	\$ -
S0-Stormwater Projects-NIRL-Huntington Pond Denitrification CM-4015	\$ 13,390	\$ 104,720	\$ 13,390	\$ -
S0-Stormwater Projects-NIRL-Flounder Creek Pond CM-3907	\$ 7,117	\$ 59,581	\$ 7,118	\$ -
S0-Stormwater Projects-NIRL-John Roads Pond CM-3906	\$ 7,117	\$ 94,042	\$ 7,118	\$ -
S0-Stormwater Projects-NIRL-Kingsmill-Aurora Phase II ***	\$ -	\$ -	\$ -	\$ -

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SOIRL Projects

Project Title SOIRL Projects funded under Capital Improvement Cont'd	Contracted**	Budget	Total Assigned YTD*	Actuals
1-Stormwater Projects-BRL-Basin 989 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Stormwater Projects-BRL-Basin 1071 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Stormwater Projects-BRL-Basin 1172 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Stormwater Projects-BRL-Basin 1222 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
1-Stormwater Projects-NIRL-Basin 1318 Denitrification	\$ -	\$ 100,000	\$ -	\$ -
2-Stormwater Projects-NIRL-Denitrification Basin	\$ -	\$ 10,000	\$ -	\$ -
2-Stormwater Projects-BRL-Denitrification Basin	\$ -	\$ 100,000	\$ -	\$ -
2-Stormwater Projects-CIRL-Denitrification Basin	\$ -	\$ 10,000	\$ -	\$ -
2-Stormwater Projects-BRL-A-Denitrification Basin	\$ -	\$ 100,000	\$ -	\$ -
2-Stormwater Projects-BRL-B-Denitrification Basin	\$ -	\$ 100,000	\$ -	\$ -
1-Oyster Reef Living Shoreline-BRL-Marsh Harbor	\$ -	\$ 47,350	\$ -	\$ -
1-Oyster Reef Living Shoreline-CIRL- Riverview Senior Resort CM-3806 Completed Year 1, Fiscal Year 17/18	\$ -	\$ 15,152	\$ -	\$ -
1-Oyster Reef Living Shoreline-NIRL-Indian River Drive	\$ -	\$ 179,930	\$ -	\$ -
A1-Plants Living Shoreline-NIRL-Indian River Drive	\$ -	\$ 22,860	\$ -	\$ -
A2-Oyster Reef Living Shoreline-BRL	\$ -	\$ 472,186	\$ -	\$ -
A2-Oyster Reef Living Shoreline-NIRL	\$ -	\$ 488,210	\$ -	\$ -
A2-Oyster Reef Living Shoreline-CIRL	\$ -	\$ 91,115	\$ -	\$ -
A2- Plants Living Shoreline-BRL	\$ -	\$ 59,623	\$ -	\$ -
A2- Plants Living Shoreline-NIRL	\$ -	\$ 62,802	\$ -	\$ -
A2- Plants Living Shoreline-CIRL	\$ -	\$ 15,780	\$ -	\$ -
<i>SOIRL Projects funded under Capital Improvement Subtotal</i>	<i>\$ 2,758,486</i>	<i>\$ 30,362,465</i>	<i>\$ 1,845,243</i>	<i>\$ -</i>

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SOIRL Projects

Project Title SOIRL Projects funded under Aid to Gov't Agencies	Contracted**	Budget	Total Assigned YTD*	Actuals
0/1/2-Waste Water Treatment Facility Upgrades-NIRL-Titusville Osprey CM-3627	\$ 1,000,000	\$ 8,195,000	\$ 1,000,000	\$ 90,586
1/2-Waste Water Treatment Upgrade-CIRL- Palm Bay CM-3934	\$ 156,427	\$ 1,435,652	\$ 876,427	\$ -
2-Waste Water Treatment -CIRL-Melbourne Grant Street		\$ 5,919,837	\$ -	\$ -
A1-Muck Removal-BLR-Cocoa Beach Phase III Muck Dredging & Interstitial CM-3986	\$ 632,645	\$ 1,317,719	\$ 632,645	\$ -
A1-Muck Removal-BLR-Indian Harbour Beach Muck Dredging & Interstitial	\$ -	\$ 5,707,768	\$ -	\$ -
S0-Septic Removal-NIRL-MIRA	\$ 211,438	\$ 211,438	\$ -	\$ -
S0-Septic Removal-CIRL-Melbourne-Hoag Sewer Conversion CM-3932 ***	\$ 86,061	\$ 86,031	\$ 86,031	\$ -
S0-Septic Removal-CIRL-Melbourne- Penwood Sewer Conversion CM-3789	\$ 40,632	\$ 40,632	\$ 40,632	\$ -
1-Septic Removal-CIRL-Palm Bay B	\$ -	\$ 4,700,000	\$ -	\$ -
1-Septic Removal-CIRL-Palm Bay Sewer Hook-Ups	\$ -	\$ 7,764,000	\$ -	\$ -
A1-Septic to Sewer-CIRL-Melbourne- Riverside Drive	\$ -	\$ 265,960	\$ -	\$ -
2-Septic Removal-NIRL-Cocoa K	\$ -	\$ 702,100	\$ -	\$ -
2-Septic Removal-CIRL-Melbourne	\$ -	\$ 247,000	\$ -	\$ -
A2-Septic to Sewer-CIRL-West Melbourne- Sylvan Estates	\$ 935,656	\$ 935,656	\$ 935,656	\$ 19,116
A2-Septic to Sewer-CIRL-West Melbourne- Roxy Avenue	\$ -	\$ 91,835	\$ -	\$ -
S0-Stormwater Project-BRL-Cape Canaveral- Cocoa Palms LID	\$ -	\$ 1,144	\$ -	\$ -
S0-Stormwater Project-BRL-Cape Canaveral- Carver Cove Swale	\$ -	\$ 2,816	\$ -	\$ -
S0-Stormwater Project-NIRL-Cocoa-Church St Type II Baffle Box	\$ -	\$ 20,856	\$ -	\$ -

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SOIRL Projects

Project Title SOIRL Projects funded under Aid to Gov't Agencies Cont'd	Contracted**	Budget	Total Assigned YTD*	Actuals
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Cape Shores Swale	\$ -	\$ 2,746	\$ -	\$ -
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Justamere Road Swale	\$ -	\$ 528	\$ -	\$ -
S0-Stormwater Projects-BRL-Cape Canaveral Projects-Hitching Post Berms Swale	\$ -	\$ 2,552	\$ -	\$ -
S0-Stormwater Projects-NIRL-Titusville-St Teresa Basin CM-3929	\$ 322,200	\$ 272,800	\$ 42,800	\$ -
S0-Stormwater Projects-NIRL-Titusville- South Street Basin CM-3908	\$ 86,856	\$ 86,856	\$ 86,856	\$ -
S0-Stormwater Projects-NIRL-Titusville-La Paloma Basin CM-3933 ***	\$ 208,296	\$ 208,296	\$ 208,296	\$ -
S0-Stormwater Projects-NIRL-Melbourne- Cliff Creek Baffle Box CM-3931 ***	\$ 347,781	\$ 347,781	\$ 347,781	\$ -
S0-Stormwater Projects-NIRL-Melbourne- Thrush Drive Baffle Box CM-3930 ***	\$ 322,200	\$ 322,200	\$ 322,200	\$ -
S0-Stormwater Projects-CIRL-Melbourne- Stewart Rd Dry Retrofit	\$ -	\$ 18,345	\$ -	\$ -
A1-Stormwater Project-BRL-Indian Harbour Beach-Big Muddy Baffle Box	\$ -	\$ 26,638	\$ -	\$ -
A2-Stormwater Project-BLR-Cocoa Beach- Blakey Blvd	\$ -	\$ 3,017	\$ -	\$ -
A2-Stormwater Project-BLR-Cocoa Beach- Dempsey	\$ -	\$ 2,934	\$ -	\$ -
A2-Stormwater Projects-CIRL-Melbourne- Apollo/GA Baffle Box	\$ -	\$ 307,191	\$ -	\$ -
A2-Stormwater Projects-CIRL-Melbourne- Grant Place Baffle Box	\$ -	\$ 85,162	\$ -	\$ -
A2-Stormwater Projects-CIRL-SJRWMD- Melbourne-Crane Creek/M-1 Canal	\$ -	\$ 2,100,047	\$ -	\$ -

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SOIRL Projects

Project Title SOIRL Projects funded under Aid to Gov't Agencies Cont'd	Contracted**	Budget	Total Assigned YTD*	Actuals
S0-Oyster/Living Shorelines-CIRL-Palm Bay-Turkey Creek Shoreline Restoration	\$ -	\$ 113,500	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Cocoa Beach-McNabb	\$ -	\$ 34,056	\$ -	\$ -
A1-Plants/Living Shorelines-BRL-Cocoa Beach-McNabb	\$ -	\$ 5,760	\$ -	\$ -
A1-Oyster/Living Shorelines-NIRL-Melbourne-Riverview Park	\$ -	\$ 108,790	\$ -	\$ -
A1-Plants/Living Shorelines-NIRL-Melbourne-Riverview Park	\$ -	\$ 18,480	\$ -	\$ -
<i>SOIRL Projects funded under Aid to Gov't Agencies Subtotal</i>	<i>\$ 4,350,192</i>	<i>\$ 41,713,123</i>	<i>\$ 4,579,324</i>	<i>\$ 109,702</i>

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SOIRL Projects

Project Title SOIRL Projects funded under Aid to Private Organizations	Contracted**	Budget	Total Assigned YTD*	Actuals
A1-Oyster/Living Shorelines-BRL-Zoo-Merritt Island-Eden Isles Lane	\$ -	\$ 21,805	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Indian Harbour Beach-Marina Isles	\$ -	\$ 26,700	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Cocoa Beach-Bettinger	\$ -	\$ 10,680	\$ -	\$ -
A1-Oyster/Living Shorelines-BRL-Zoo-Gitlin	\$ -	\$ 16,020	\$ -	\$ -
A1-Oyster/Living Shorelines-NIRL-Zoo-Merritt Island-Bomalaski CM-4005 Completed Year 1, Fiscal Year 17/18	\$ 8,900	\$ 8,900	\$ -	\$ -
A1-Oyster/Living Shorelines-NIRL-Zoo-Merritt Island-Oliver	\$ -	\$ 51,620	\$ -	\$ -
A1-Oyster/Living Shorelines-CIRL-Zoo-Coconut Point/EELS	\$ -	\$ 509,950	\$ -	\$ -
A1-Oyster/Living Shorelines-CIRL-Zoo-Melbourne Beach-Wexford	\$ -	\$ 31,150	\$ -	\$ -
A1-Plants/Living Shorelines-BRL-MRC-Cocoa Beach Country Club CM-4002 Completed Year 1, Fiscal Year 17/18	\$ 16,080	\$ 16,014	\$ -	\$ -
A1-Plants/Living Shorelines-CIRL-MRC-Lagoon House CM-4003 Completed Year 1, Fiscal Year 17/18	\$ 24,000	\$ 23,961	\$ -	\$ -
<i>SOIRL Projects funded under Aid to Private Organizations</i>	\$ 48,980	\$ 716,800	\$ -	\$ -
SOIRL Projects Total	\$ 7,523,830	\$ 79,714,031	\$ 6,790,339	\$ 109,702



**SAVE OUR INDIAN RIVER LAGOON
CITIZEN OVERSIGHT COMMITTEE
2019 MEETING SCHEDULE**

Regular Meetings
8:30 a.m. – 11:30 a.m.
Brevard County Government Center
2725 Judge Fran Jamieson Way
Building C, 3rd Floor, Florida Room
Viera, Florida 32940

January 18, 2019
February 15, 2019
March 15, 2019
April 19, 2019
May 17, 2019
June Break
July 19, 2019
August 16, 2019
September 19, 2019
October 18, 2019
November 21, 2019
December 13, 2019 (Optional Meeting)

Committee Executive Secretary
Carol Gerundo
(321) 633-2016
Email: Carol.Gerundo@brevardfl.gov