

Established 1923

BOARD OF SUPERVISORS MEETING

April 18, 2019 – 7:00 p.m. Jupiter High School – Media Room 500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1.	Pledge	of All	egiance
• •	1 rougo	OLIM	ogiunico

- 2. Consent Agenda
 - A. Approval of Minutes of Previous Meeting
 - B. Approval of Warrant List
- 3. Public Information Report
- 4. Treasurer's Report
- 5. Manager of Operations Report
- 6. Engineer's Report
- 7. Attorney's Report
- 8. Old business
- 9. New Business
 - A. Direct Discharge into District's Secondary Drainage System
- 10. Landowners' Items
- 11. Adjourn



TO: Board of Supervisors

SOUTH INDIAN RIVER WATER CONTROL DISTRICT

FROM: Dick Gruenwald Associates

DISTRICT PUBLIC INFORMATION SPECIALISTS

SUBJECT: Monthly Report - March/April 2019

News releases/Notices were sent out to local newspapers and community publications:

❖ Monthly Meeting cancellation (Mar. 21) release

❖ Monthly Meeting (*Apr. 18*) release

The following items were updated or added to the website:

- ❖ Monthly meeting (Jan. 17) minutes
- Meeting updates
- ❖ Monthly meeting cancellation (Mar. 21)
- Landowners Family Day information update
- ❖ March '19 Newsletter
- ❖ April Meeting Agenda and staff reports

Attended Monthly Meeting (Feb. 21), Landowners Family Day (Mar. 16) and Staff Meeting (Apr. 8).

The 28th Annual Landowners Family Day was March 16. McCray's Backyard B-B-Q served lunch while landowners enjoyed the sounds of the Tom Jackson Band. Entertainment for the kids included Cock-a-Doodle-Doo and Jupiter Bounce. The following exhibitors attended - Citizens Observer Patrol Unit 103 Jupiter Farms/PBCE, Drowning Prevention Coalition of Palm Beach County, Florida Forest Service, Florida Health Palm Beach County, Gaited Trail Riders, Jupiter Farms Community Emergency Response Team (CERT), Jupiter Farms, Jupiter Farms Residents, Jupiter Lighthouse DAR Chapter, Loxahatchee Battlefield Preservationist, Northeast Everglades Trail Association, Palm Beach County Fire Rescue, Safety Council of Palm Beach County, Inc. and Solid Waste Authority of Palm Beach County.

The March '19 newsletter has been printed and mailed to all landowners. It includes new SWA trash regulations, an invitation to Landowners Family Day, 20th Plan referendum results, Holly Rigsby 10-year anniversary and Arie Raz 20-year anniversary and a thank you from a landowner.

We continue to work on the preparation to revise and recreate the District website to create a new ADA compliant site on a new platform with a firm that has ADA expertise. This is a large undertaking, especially as we continually must update information on our existing site. We will continue to see where we can combine or eliminate unnecessary pages and repetitive information and remove information that is problematic for ADA readability in order to keep costs within current budget. We do have the ADA statement on the existing website that we are creating a new site and will provide any content to those who may not currently be able to access particular information.

The District office and staff continue to review and update the District's Policy & Procedures Manual. Initial revisions by staff to Chapters 1-6 and associated Appendices are currently being incorporated into the manual and a second review is being conducted by staff. The District Engineer is reviewing chapters 7-9. The Procurement policy is also being updated and will be incorporated into the manual.

We continue to work with Mr. Meyer and the Manager of Operations on a regular basis. We review and monitor print and online media for all SIRWCD related stories articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally, then prepare and distribute material to supervisors and members of the staff via PDF in e-mail.



Established 1923

To: Board of Supervisors

FROM: Charles F. Haas, Treasurer

RE: Treasurer's Report for the month of April 2019

CC: Staff

Date: April 18, 2019

Routine Business

- 1. The District received a total of \$5,642,149 in current assessments receipts from the Palm Beach County Tax Collector through March 31, 2019.
- 2. We continue to work on the year end close in preparation of the audits commencement.
- 3. We have prepared an early draft of the 2019-20 Preliminary Budget for the Budget Committee meeting on April 17th.
- 4. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

Board Consideration

1. The Board will be asked to approve the list of disbursements. (sent under separate cover).

South Indian River Water Control District Statement of Revenues and Expenditures From 10/01/2018 to 3/31/2019

All Governmental Funds (In Whole Numbers)

_	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	5,470,369	5,374,703	(95,666)
Investment Income	782	641	(141)
Other Income	-	64,044	64,044
Total Revenue:	5,471,151	5,439,388	(31,763)
Expenditures:			
Contracted Services	318,400	319,673	(1,273)
Operating Expense	1,149,010	875,945	273,065
Office & Landowner Expense	350	162	188
Principal Paid	33,195	33,195	-
Interest Paid	300,446	300,537	(91)
Other Debt Service	7,100	5,358	1,742
Total Expenditures:	1,808,501	1,534,870	273,631
Transfers, Financing & Capital Outlays			
Capital Outlay	313,821	313,821	-
Transfers in	(268,700)	(268,700)	-
Transfers out	143,700	143,700	
Total Transfers, Financing & Capital Outlays	(125,000)	(125,000)	-
Total Expenditures & Other Financing —	1,683,501	1,409,870	273,631
Excess (Deficit) Revenues over (under)			
Expenditures and Other Financing Sources (Uses)	3,787,650	4,029,518	(241,868)
Beginning Fund Balance	_	3,066,417	
Ending Fund Balance	_	7,095,935	

South Indian River Water Control District Statement of Revenues and Expenditures From 10/01/2018 to 3/31/2019

Special Revenue Funds (In Whole Numbers)

<u>-</u>	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	3,062,867	2,910,939	(151,928)
Rents & Contracted Service			-
Investment Income	630	336	(294)
Other Income	-	62,266	62,266
Total Revenue:	3,063,497	2,973,541	(89,956)
Expenditures:			
Contracted Services	318,400	319,673	(1,273)
Operating Expense	1,149,010	875,945	273,065
Office & Landowner Expense	350	162	188
Total Expenditures:	1,467,760	1,195,780	271,980
Transfers, Financing & Capital Outlays			
Transfers out	143,700	143,700	-
Total Transfers, Financing & Capital Outlays	143,700	143,700	-
Total Expenditures & Other Financing	1,611,460	1,339,480	271,980
Excess (Deficit) Revenues over (under)			
Expenditures & Other Financing Sources (Uses)	1,452,037	1,634,061	182,024
- -			
Beginning Fund Balance		1,005,908	
Ending Fund Balance	- -	2,639,969	

South Indian River Water Control District Statement of Revenues and Expenditures

From 10/01/2018 to 3/31/2019

Debt Service Funds (In Whole Numbers)

	YTD	Year to Date	Budget
-	Budget	Actual	Variance
Revenue:			
Assessments - Net	2,082,088	2,138,350	56,262
Investment Income	152	305	153
Other Income	-	1,778	1,778
Total Revenue:	2,082,240	2,140,433	58,193
Expenditures:			
Principal Paid	33,195	33,195	-
Interest Paid	300,446	300,537	(91)
Other Debt Service	7,100	5,358	1,742
Total Expenditures:	340,741	339,090	1,651
Excess (Deficit) Revenues over (under)			
Expenditures & Other Financing Sources (Uses)	1,741,499	1,801,343	56,542
(0363)			
Designing Found Release	_	4 252 425	
Beginning Fund Balance	<u>-</u>	1,252,435	
Ending Fund Balance	-	3,053,778	

South Indian River Water Control District Statement of Revenues and Expenditures

From 10/01/2018 to 3/31/2019

Capital Projects Funds (In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue: Assessments - Net Investment Income Total Revenue:	325,414 - -	325,414 - -	- - -
Expenditures: Capital Outlay Total Expenditures:	313,821 313,821	313,821 313,821	<u>-</u>
Transfers, Financing & Capital Outlays Transfers in	(268,700)	(268,700)	-
Total Transfers, Financing & Capital Outlays	(268,700)	(268,700)	-
Total Expenditures & Other Financing	45,121	45,121	-
Excess (Deficit) Revenues over (under) Expenditures	(45,121)	(45,121)	-
Beginning Fund Balance	<u>-</u>	808,074	
Ending Fund Balance	_ _	762,953	

South Indian River Water Control District Statement of Revenues and Expenditures

From 10/01/2018 to 3/31/2019

Internal Service (Maintenance) Fund (In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,089,400	825,804	(263,596)
Rents & Contracted Service	30,500	43,955	13,455
Investment Income	-	-	-
Other Income	5,000	2,210	(2,790)
Total Revenue:	1,124,900	871,969	(252,931)
Expenditures:			
Personal Services	849,400	559,846	289,554
Contracted Services	174,500	45,342	129,158
Operating Expense	381,300	112,443	268,857
Office & Landowner Expense	36,500	6,987	29,513
Insurance	43,000	22,351	20,649
Total Expenditures:	1,484,700	746,969	737,731
Transfers, Financing & Capital Outlays			
Transfers out	200,000	125,000	75,000
Total Transfers, Financing & Capital Outlays	200,000	125,000	75,000
Total Expenditures & Other Financing	1,684,700	871,969	812,731
Excess (Deficit) Revenues over (under) Expenditures & Transfers	(559,800)	-	(559,800)
Beginning Fund Balance	_	1,074,842	
Ending Fund Balance	_ _	1,074,842	



Established 1923

MEMORANDUM

TO: Board of Supervisors

FROM: Manager of Operations

SUBJECT: Manager's Report for March 22, 2019 to April 12, 2019

DATE: April 12, 2019

ADMINISTRATIVE

- 1. Conducted monthly review of District canals with Aquatic Weed Spray Contractor.
- 2. On-site meetings and phone conversations with Landowners regarding drainage, road conditions, and driveway culvert installations.
- 3. Attended Loxahatchee River Management Coordinating Council meeting.
- 4. Inspected District Canals with Florida Fish and Wildlife for invasive plants.
- 5. Nominated to Florida Association of Special Districts Board of Directors.
- 6. Attended Staff meeting.
- 7. Worked with District Treasurer and Office Administrator on 2019-2020 Budget.
- 8. Received \$2,645 for monthly Verizon cell tower lease.
- 9. Reviewed inspection reports for illicit discharge in District Canals.
- 10. Reviewed maintenance reports for Flood Control and Weir Structures.
- 11. Received bids to resurface 176th across SIRWCD Canal 18.
- 12. Bore test performed for new shop facility.

MEMORANDUM

To: Board of Supervisors
Date: April 12, 2019

Page 2

WATER CONTROL

- 1. Received 1.54 inches of rain this reporting period.
- 2. District crews prepared swales for two new construction culvert installations followed by inspections. Crews also installed 16 driveway culverts and three temporary culverts.
- 3. Terra Tech continues canal spraying for aquatic weed control.
- 4. District crews continue to re-contour drainage outfalls and swales throughout the District.
- 5. Murray Logan completes box culvert replacement at 176th Rd. and Jupiter Farms Rd.

ROAD MAINTENANCE

1. Operators continue to re-contour roads throughout the District.

Michael A. Dillon Manager of Operations

AECOM 2090 Palm Beach Lakes Blvd Suite 600 West Palm Beach, FL 33409 561 684 3375 tel 561 689 8531 fax

www.aecom.com

То	South Indian River Water Control District (SIRWCD) Board of Supervisors	Pages 4
CC		
Subject	Engineer's Report for April	
From	Amy E. Eason, PE, District Engineer	
Board Meeting Date	April 12, 2019	

The following is a summary of activities and communications that were of significance during the month of March. Updated information is presented in **bold**:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. Pursuant to Board direction after petitioners met the minimum requirements, staff prepared a referendum for the landowner proposed project that was mailed October 17, 2016 with the request that the landowners submit their response to the District by December 9, 2016. On December 14, 2016 and on April 14, 2017, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 2.3 miles):
 - 76th Trail N between 160th Lane N and 162nd Court N
 - 76th Trail N. between 163rd Court N. and 165th Street N.
 - 78th Drive N. between 165th Street N. and 167th Court N.
 - 154th Court N. between 75th Avenue N. and 81st Terrace N.
 - 159th Court N. between 78th Drive N. and 83rd Way N.
 - 160th Street N. between 72nd Drive N. and 75th Avenue N. and 72nd Drive N. from 160th Street N. to 160th Lane N.
 - 175th Road N. between Jupiter Farms Road and West End

At the February 2017 Board Meeting, staff receive approval to prepare the 19th Plan of Improvements. A public hearing for the filing of the resolution to consider approval of an amendment to its current water control plan to include this project was held on May 18, 2017, and the board approved the preparation of the Engineer's Report and draft Plan of Improvement. The Engineer's Report was filed on May 26, 2017. On June 29, 2017, a final hearing was held, and the Engineer's Report and proposed water control plan amendment was approved. Staff submitted the amendment to South Florida Water Management District (SFWMD), and SFWMD has approved the amendment. Staff has re-graded the existing swales, checked existing pipes, and replaced pipes. Surveying and engineering design has been completed. The project was advertised to bid on April 15, 2018 with bids submitted by potential contractors on May 15, 2018. Bids were received on May 15, 2018, and the project was awarded to Rosso Site Development at the May 17, 2018 board meeting. A preconstruction meeting was held on June 21, 2018. Project construction started on

AECOM

July 9, 2018. Work within Palm Beach County Estates is substantially completed. The contractor is working on punch list items as a result of an inspection on December 20, 2018. Due to the culvert replacement on 175th, the project has been delayed. The culvert at 175th has been installed, the utility pole has been relocated, and the contractor has resumed construction on 175th. **Construction is substantially complete and a meeting will be scheduled with the contractor once the sod is installed.**

II. OPERATION AND MAINTENANCE

- A. The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on March 20, 2019. Staff attended Illicit Discharge Detection and Elimination & Sedimentation and Erosion Control Refresher Training. The next steering committee meeting is May 15, 2019.
- B. At the October 2018 board meeting, staff presented the budget for the construction of an addition to the District's workshop located at the District Office. This workshop is a 60 feet by 60 feet Steel Building addition to the property. Staff worked with a surveyor to survey the property for site plan development for the building permits. Since the February board meeting, staff negotiated with two potential contractors and awarded the contract to West Construction. West Construction was given Notice to Proceed on March 18, 2019. Substantial completion is anticipated for October 2019.
- C. Staff has been actively involved in a sub team for modeling for the Loxahatchee River Water Restoration Plan. Staff has been meeting with the Army Corp of Engineers (ACOE) and South Florida Water Management District (SFWMD) to clarify the operational protocols of South Indian River Water Management District. Efforts on the sub team include confirming assumptions in the model and aiding in the planning effort.

In addition, a meeting was held March 30, 2016 of the Project Delivery Team. At this meeting the group reviewed 13 project alternatives and ranked the projects to reduce the number of projects that will undergo further analysis. A subsequent meeting was held on April 5, 2016 to reduce the number of alternatives to 5 alternatives. The alternatives include a variety of projects to help the Loxahatchee River to meet its goals for minimum flow and restoration.

Staff has been attending the Engineering and Modeling Task subcommittee meetings to ensure that the operational protocols are being implemented for the District. SFWMD and the ACOE have been working on updating the model with the different scenarios and updating the cost estimates of proposed regional projects for the cost feasibility analysis. These updates are being prepared for the Project Implementation Report (PIR) as part of the ACOE process. The ACOE has posted some of the preliminary results of the modeling and staff has been reviewing and meeting with both SFWMD and ACOE on the modeling and flood protection sub teams. A draft calibration report of the modeling effort has been provided for review and comment along with the results of the alternative analysis. Comments for the draft calibration report were due on May 12, 2017. Based on the initial review of the modeling, the model is being re-conceptualized to ensure that the proper inputs are in the model.

AECOM

The calibration model has been updated and staff has been reviewing the latest results as it relates to the District. Different alternative plans have also been updated and the models were executed to determine the results of different components.

A Project Delivery Team (PDT) Meeting was held on May 9, 2018. At this meeting, an overview of the modeling results was given. The ACOE along with SFWMD also presented the evaluation process towards the Tentative Selected Plan (TSP), benefit analysis, cost estimates for the alternatives, and the evaluation process toward a TSP recommendation.

On January 8, 2019, staff attended the Engineering Sub team meeting. At this meeting, a draft schedule was presented for the submission of the draft PIR. The draft PIR was released for review by the public March 22, 2019. There is a 45 day review period for the draft PIR, which ends May 6, 2019. There are two public meetingswhere the ACOE invites the public to provide input on the draft PIR/EIS. The first meeting is on April 18, 2019 from 5:30 pm to 8:00 pm at the Town of Jupiter Community Center, Room A/B. The second meeting is on April 19, 2019 from 9:30 am to 11:00 am at the South Florida Water Management District, B-1 Auditorium. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

D. The Loxahatchee River Management Coordinating Council (LRMCC) is initiating the process with the Florida Department of Environmental Protection (FDEP) to prepare a Reasonable Assurance plan (RAP) in lieu of a TMDL and Basin Area Management Plan (BMAP) for the impaired WBIDs within the Loxahatchee River watershed. Staff attended a committee meeting to review the modeling efforts for the development of the RAP on May 23, 2017. FDEP and stakeholders discussed the model, and staff subsequently requested for more details on the model inputs and results. As a result of the committee meeting, stakeholders attended another meeting on June 7, 2017 to discuss RAP options.

At the August 24, 2017 LRMCC Meeting, the RAP was discussed. The committee went over different alternatives for the RAP and concluded that another meeting was needed before determining the direction for the RAP. The next meeting was held on October 30, 2017. Further discussion occurred over the pollutant loading simulation model (PLSM) and whether the group wants to use the model in the RAP. The group discussed hiring an outside consultant to evaluate the PLSM model and conduct a separate model. FDEP held another meeting concerning the water body identification number (WBID) boundaries on November 15, 2017. Stakeholders met on December 4, 2017 to discuss options on hiring an outside consultant and FDEP held a web meeting December 12, 2017 to discuss the PLSM model.

On January 29, 2018, FDEP discussed options for the RAP. After much discussion and a presentation on load reductions, the council decided to move forward with the use of the PLSM model and develop a RAP.

On February 21, 2018, FDEP held a workshop on the PLSM model. The meeting discussed the model inputs, the project list, and the project credits. FDEP forwarded information to staff for review concerning planned projects. The deadline for comments was April 13, 2018.

No update on this item has occurred since the last board meeting.

AECOM

- E. Staff received notification from the Natural Resource Conservation Service (NRCS) concerning the application submitted in October 2017. The NRCS has funds available to cover items that the FEMA funds could not reimburse. A meeting was held April 12, 2018 to discuss project sites and funding. At the May board meeting, board directed staff to work with contractors on the project and executed the NRCS agreement. The agreement was executed on June 25, 2018. Staff received approval of the construction documents and construction started on September 17, 2018. Construction is completed, and a walk through with the NRCS was conducted on December 11, 2018. Staff has prepared the final documents and has submitted the documents to the NRCS.
- F. At the April 19, 2018 meeting, staff was directed to begin a section analysis on Section 7. Staff worked on determining SIRWCD easements and has contacted a surveyor. Staff prepared a Loxahatchee River Preservation Initiative application for Fiscal Year 2020 funding. Out of 9 applications, this project was ranked 6. Staff reviewed the survey work received and instructed the surveyor to obtain additional data points per the contract. Staff has also obtained the latest Light Detection and Ranging (LiDAR) information from Palm Beach County to assist in the analysis. Staff anticipates presenting the Section 7 results at this month's meeting.
- G. At the February meeting, staff was directed to evaluate the District and provide feedback concerning the purchase of land for water quantity and water quality benefits. As part of this analysis, staff is to prepare a cost benefit analysis for the District to consider. Staff is working on an analysis and preparing a possible proposed plan to cover these types of projects. Staff has also obtained the latest LiDAR information from Palm Beach County to assist in the analysis. Staff is continuing to work on this item.
- H. As a result of Hurricane Irma and SIRWCD's ability to request funding from the Federal Emergency Management Agency (FEMA) and the NRCS, staff has prepared contract documents and solicitated contractors for a continuing services contract on storm debris removal and disposal. The advertisement for bids on this contract was advertised on April 5, 2019. A non-mandatory pre-bid meeting has been scheduled for April 17, 2019. Staff is prepared to update the board on this item.
- I. Staff has been working together to update the Policy and Procedure Manual. Staff is working on Chapters 7 thru 9. Staff will continue to work on this effort.
- J. Staff continues to monitor and participate in the activities of the Loxahatchee River Ecosystem Management Committee, the Loxahatchee River Initiative, and the Loxahatchee River Management Coordinating Council.
- K. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- L. We continue to provide engineering assistance to the General Manager, as needed, on operation and maintenance items, as well as landowner requests, utility requests, and inquiries from other governmental entities on issues that involve engineering support.

Should you have any questions or comments, please feel free to contact me for more detailed information on any of the above subjects.