



South Indian River Water Control District™

Established 1923

October 19 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD OF SUPERVISORS MEETING AGENDA

1. Pledge of Allegiance
2. Ratification of Election Results
 - A. Swearing in of Elected Board Members
3. Election of Officers
4. Appointments
5. Consent Agenda
 - A. Approval of Minutes of Previous Meeting
 - B. Approval of Warrant List
6. Public Information Report
7. Treasurer's Report
8. Manager of Operations' Report
9. Engineer's Report
10. Attorney's Report
11. Old Business
12. New Business
 - A. Salary Increase for Board/Recording Secretary
 - B. Discuss Policy for Records Requests & Policy for Ballot Canvassing
 - C. Discuss Request to County to Require Building Permits for Filling Properties
13. Landowner Items
14. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

Oct. 19, 2017

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- October 2017

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

- ❖ Annual Landowners Meeting (*Sept. 21*) release
- ❖ Monthly Meeting (*Oct. 19*) release

The following items were updated on the website:

- ❖ Update Election information and results
- ❖ Monthly meeting (*July 20*) minutes
- ❖ Annual Landowners (*Sept. 17, 2016*) minutes
- ❖ Meeting and Budget Hearing updates
- ❖ Emergency Management updates
- ❖ 19th Plan of Improvements updates
- ❖ 2017-18 Budget
- ❖ 2016-17 Annual Reports – Manager of Operations, Engineer, Treasurer
- ❖ Archive 2016-17 Agendas, staff reports and approved minutes
- ❖ 2017-18 Board meeting dates
- ❖ October Meeting Agenda and staff reports

Attended Monthly Meeting and Budget Hearing (*Aug. 17*), Staff Meeting (*Sept. 19, Oct. 10*), and Annual Landowners Meeting (*Sept. 21*).

The Palm Beach Country Estates Potable Water Agreement letter is being printed and mailed this month to 365 current landowners who have not connected.

The District office and staff are reviewing and updating 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.

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.



To: Board of Supervisors
From: Charles F. Haas, District Treasurer
RE: October BOS Meeting
CC: Staff
Date: October 19, 2017

Routine Business

1. The District received a total of \$5,493,984 in current assessments receipts from the Palm Beach County Tax Collector through September, 2017.
2. During the month we completed and transmitted our continuing disclosure report to our lenders. This report contained tables on assessment collections, appraised values and land use. A copy of the report was forwarded to the Board prior to our filing it with the banking institutions.
3. We continue to work on the year end close in preparation of the audits commencement of field work. Preparatory items such as confirms and sample transaction selections have been sent to the auditors.
4. Continuing our practice of prior years we are not including budget to actual statements in this report. Since the October transactions are largely items accrued in our prior year report, the budget reflects only minor expenditures. We will provide the Board with these statements through November at the next meeting.

Board Consideration

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



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for September 16, 2017 to October 12, 2017
DATE: October 12, 2017

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting.
4. Attended Loxahatchee River Preservation Initiative meeting.
5. Received \$2,645.00 from Verizon for monthly cell tower lease.
6. Phone conference with South Florida Water Management District regarding Tropical Disturbance.
7. Conference calls with Solid Waste Authority regarding debris removal from secondary swales.
8. Attended Jupiter Farms Residents meeting.
9. Conducted District annual inventory.
10. Meetings with numerous contractors regarding tree removal from Hurricane Irma.

WATER CONTROL

1. Mowers continue routine maintenance throughout the District.
2. Received total of 14.57 inches of rain this reporting period.

MEMORANDUM

To: Board of Supervisors

Date: October 12, 2017

Page 2

WATER CONTROL cont.

3. Received 6.42" of rain on October 5th and 5.5" in 2 ½ hours causing street flooding throughout the District. Returned to normal operations by October 7th.
4. Terra Tech continues canal spraying for aquatic weed control.
5. Crews continue to replace District drainage culverts at various locations.
6. Drainage outfalls and swales continue to be re-contoured throughout the District.
7. District crews are removing downed trees from Canals due to Hurricane Irma.
8. Crews continue preparation work for the 19th Plan of Improvements in Palm Beach Country Estates.
9. Prepared swales for two culvert installations, inspected two driveway culverts and District crews installed one driveway culvert.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 1275 tons of shellrock to District yard.
2. Due to large amounts of debris from Hurricane Irma, road grading and mowing maintenance is limited until debris is removed.



Michael A. Dillon
Manager of Operations

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 3

CC

Subject Engineer's Report for October 2017

From Amy E. Eason, PE, District Engineer

Board Meeting
Date October 19, 2017

The following is a summary of activities and communications that were of significance during the month of October. 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 has submitted the amendent to South Florida Water Management District (SFWMD), **and SFWMD has approved the amendment. Staff is currently re-grading the existing swales, checking existing pipes, and replacing pipes as needed before surveying of the area is conducted. It is anticipated that this preliminary work will be completed in November.** Staff is prepared to update the Board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on **August 16, 2017**. **The meeting consisted of discussion of the public education posters, the assessment plan documents, an update on Lake Ida Total Maximum Daily Load (TMDL) Outfall Prioritization Plan, and an update on the Loxahatchee River Reasonable Assurance Plan. The next scheduled meeting is on October 18, 2017.**
- B. 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 subteams. 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.

Modeling continues to meet twice a week. The team is reviewing the calibration of the model as well as running different alternatives. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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 to discuss options will be held October 30, 2017. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. Due to the excessive rain over the past month, staff has been checking and verifying the operation of the system. Staff worked with the Manager of Operations to review and evaluate the system to help with public communication to the community after the rainfall event.**
- E. Staff has been working together to update the Policy and Procedure Manual. This month, staff concentrated its efforts on Chapters 1, 2, 3, 5, and 6. Staff will continue to work on this effort.
- F. 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.
- G. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- H. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

November 30, 2017 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
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
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

Nov. 30, 2017

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- November 2017

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

- ❖ Monthly Meeting (*Nov. 30*) release

The following items were updated on the website:

- ❖ Monthly meeting (*Aug. 17, Sept. 21*) minutes
- ❖ Meeting updates
- ❖ 19th Plan of Improvements updates
- ❖ Bids for Fleet Vehicle - Ford F-250
- ❖ November Meeting Agenda and staff reports

Attended Monthly Meeting (*Oct. 19*) and Staff Meeting (*Nov. 6*).

We worked with staff on three 19th Plan of Improvement letters for annual estimate revision and prepayment deadline change.

We have begun work on the Annual newsletter to include the MOP and Engineers Annual Reports, Budget information, 19th Plan of Improvements update, Election results, Mike Dillon becoming a FASD official Certified District Manager, Stormwater and Swales information, Annual Landowners Family Day notice and more.

The District office and staff are reviewing and updating 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.

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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of November 2017
CC: Staff
Date: November 30, 2017

Routine Business

1. The District received its first two assessments distribution from the Palm Beach County Tax Collector on November 2017, totaling \$630,254.79.
2. We continue to work on the year end close in preparation of the audits commencement in January.
3. Continuing our practice of prior years we are not including budget to actual statements in this report. Since the October transactions are largely items accrued in our prior year report, the budget reflects only minor expenditures. We will provide the Board with these statements through December at the next meeting.
4. We are enclosing for your information the District's Premium Only Plan (POP) which includes housekeeping amendments needed to conform it to recent IRS rules. The Chairman will be asked to sign the document at the Board meeting.

Board Consideration

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

Adoption Agreement (2017)

For SOUTH INDIAN RIVER WATER CONTROL DISTRICT

Section 125 Premium Only Plan

The undersigned Employer amends the Premium Only Plan for those Employees who shall qualify as Participants hereunder. It shall be effective as of the date specified below. The Employer hereby selects the following Plan specifications:

1. **Name of Employer:** SOUTH INDIAN RIVER WATER CONTROL DISTRICT
2. **Effective Date:** This Amended Premium Only Plan shall be effective as of **December 1, 2017**.
3. **Effective Date of Original Plan:** This Premium Only Plan was originally effective July 1, 2012.
4. **Plan Year:** The Amended Plan year shall begin on **December 1, 2017**, and end on **November 30, 2018**. Future plan years will be based on the same twelve-month period beginning each **December 1** and ending each **November 30**.
5. **Plan number:** 520
6. **Employer's Principal Office:** This Premium Only Plan shall be governed under the laws of the:
 - a. State of Florida
 - b. Commonwealth of
7. **Benefits:** All the benefits listed below are included in this plan whether or not you currently offer them:
 - **Health Plan.** Premiums that are payroll deducted on a pre-tax basis may include low-deductible or high-deductible medical insurance, dental insurance, vision care, critical illness insurance, accidental death/dismemberment (ADD) insurance, hospital indemnity and/or cancer insurance. Individually-owned policy premiums may not be paid with pre-tax dollars through the Premium Only Plan.
 - **Group-Term Life Insurance up to \$50,000.** The \$50,000 limit must include any employer-provided group-term life insurance coverage. For example, if the employer provides \$20,000 of group-term life insurance for employees, then participants in the POP can payroll deduct premiums on a pre-tax basis for up to \$30,000 of additional coverage.
 - **Disability Plan.** Short-term and long-term disability policies. If payroll deducted on a pre-tax basis, any future benefits received will be taxable to the employee.
 - **Health Savings Account (HSA).** Allows employees to make contributions by pre-tax payroll deduction to their individually-owned HSA. Employers may also make contributions to the employee's HSA plan on each employee's behalf, in the manner set forth in the Plan.

by _____
SOUTH INDIAN RIVER WATER CONTROL
DISTRICT



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for October 13, 2017 to November 23, 2017
DATE: November 23, 2017

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting.
5. Attended Safety Council of Palm Beach County Board meeting.
6. Received \$2,645.00 from Verizon for monthly cell tower lease.
7. David Duckett hired as Level 3 operator.
8. Meetings with Palm Beach County to review culvert replacements along Randolph Siding.
9. Attended Jupiter Farms Residents meeting.
10. Phone conference with South Florida Water Management District regarding Tropical Storm Philippe.
11. Attended Staff orientation for John Jones.

WATER CONTROL

1. Mowing schedule returning to normal after hurricane debris removal.
2. Received total of 11.88 inches of rain this reporting period.

MEMORANDUM

To: Board of Supervisors

Date: November 23, 2017

Page 2

WATER CONTROL cont.

3. Driveway culvert replacement program resumes operations.
4. Terra Tech continues canal spraying for aquatic weed control.
5. Crews continue to replace District drainage culverts at various locations.
6. Drainage outfalls and swales continue to be re-contoured throughout the District.
7. Receiving bids for tree and vegetation removal along District's drainage outfalls.
8. Crews continue preparation work for the 19th Plan of Improvements in Palm Beach Country Estates.
9. Prepared swales for six culvert installations, inspected one driveway culvert and District crews installed nine driveway culverts.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 770 tons of shellrock to District yard.
2. Road maintenance returning to normal schedule after recent rains.

MD

Michael A. Dillon
Manager of Operations

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 3

CC

Subject Engineer's Report for November 2017

From Amy E. Eason, PE, District Engineer

Board Meeting
Date November 30, 2017

The following is a summary of activities and communications that were of significance during the month of November. 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 has 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, as needed, before surveying the area. There is some minor grading still needed, but survey has begun and is anticipated to be complete in January.** Staff is prepared to update the Board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. The National Pollutant Discharge Elimination System (NPDES) Steering Committee **has not met since the last report. The next scheduled meeting is on January 17, 2018.**
- B. 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.

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 are being executed to determine the results of different components. The modeling group plans on meeting with the flood control group to discuss the results and assumptions to the models. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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 plan to meet on December 4, 2017 to discuss options on hiring an outside consultant and FDEP is holding a web meeting December 12, 2017 to discuss the PLSM model.** Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. **At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. After this discussion, staff is scheduling a meeting with the County's Floodplain Administrator to discuss current policies and options for developing an ordinance to address the issue. Staff is prepared to update the board at this month's meeting.**
- E. Staff has been working together to update the Policy and Procedure Manual. **Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9.** Staff will continue to work on this effort.
- F. 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.
- G. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- H. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

January 18, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
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
 - A. FEMA Debris Removal
7. Attorney's Report
8. Old business
9. New Business
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- January 2018

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

- ❖ Monthly Meeting (*Jan. 18*) release

The following items were updated on the website:

- ❖ Monthly meeting (*Oct. 19*) minutes
- ❖ Meeting updates
- ❖ Manager of Operations article – stormwater, swales and excessive rainfall, rainfall statistics
- ❖ Update Election swearing in/officers
- ❖ Update 19th Plan of Improvements
- ❖ Update PBCE Potable Water
- ❖ January Meeting Agenda and staff reports

Attended Monthly Meeting (*Nov. 30*) and Staff Meeting (*Jan. 8*).

The Annual newsletter has been printed and mailed to all landowners. It includes the MOP and Engineers Annual Reports, 19th Plan of Improvements update, Election results, Palm Beach County Estates Potable Water update, Stormwater and Swales information, and Annual Landowners Family Day notice.

The District office and staff are reviewing and updating 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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of January 2018
CC: Staff
Date: January 11, 2018

Routine Business

1. The District received a total of \$4,004,463 in current assessments receipts from the Palm Beach County Tax Collector through December 31, 2017.
2. We continue to work on the year end close in preparation of the audits commencement in January.
3. There are number of debt payments due on February 1st. while we have not received the invoices from Regions Bank the schedule amounts are presented as an attachment. The note payments frequently differ from the scheduled amounts because the bank gives us an interest credit for paying the amount due a few days earlier than the actual due date.

While the semi-annual interest on the bond is \$180,812.50, we will be sending the trustee the full year's debt service of \$1,101,625.000.00. They will invest it in securities that will mature on the payment dates of February 1st and August 1st.

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

Schedule of Debt Service Payments due February 1, 2018

Bonds						
Trustee	Name			Interest	Principal	Total
Regions Bank Trustee	2015 Water Distribution Bonds			180,812.50		180,812.50
Notes						
Bank	Loan Obligor #	Loan #	Name	Interest	Principal	Total
Regions Bank	2560001162	xxxx9001	2007 OGEM Road	39,972.26		39,972.26
Regions Bank	2560001162	xxxx9073	2009 Hookup Financing Program	26,906.85		26,906.85
Regions Bank	2560001162	xxxx4968	2011 Road Improvement	25,560.61		25,560.61
Regions Bank	2560001162	xxxx3205	2016 Road Improvement	22,768.02		22,768.02
				115,207.74		115,207.74

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/01/2017 to 12/31/2017

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	3,533,327	3,805,281	271,954
Rents & Contracted Service Income	-	0	-
Investment Income	721	-	(721)
Other Income	12,000	29,642	17,642
Total Revenue:	3,546,048	3,834,923	288,875
Expenditures:			
Contracted Services	144,600	89,759	54,841
Operating Expense	537,825	191,355	346,470
Office & Landowner Expense	80	82	(2)
Capital Outlay	150,000	15,400	134,600
Other Debt Service	4,750	10,359	(5,609)
Total Expenditures:	837,255	306,955	530,300
Transfers, Financing & Capital Outlays			
Transfers in	220,500	-	(220,500)
Transfers out	(85,250)	-	85,250
Financings-Net	-	-	-
Total Transfers, Financing & Capital Outlays	135,250	-	(135,250)
Total Expenditures & Other Financing	702,005	306,955	665,550
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	2,844,043	3,527,968	(683,925)
Beginning Fund Balance		6,465,745	
Ending Fund Balance		9,993,713	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 12/31/2017

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,013,477	1,834,910	(178,567)
Rents & Contracted Service	-	-	-
Investment Income	525	-	(525)
Other Income	12,000	8,308	(3,692)
Total Revenue:	<u>2,026,002</u>	<u>1,843,218</u>	<u>(182,784)</u>
Expenditures:			
Contracted Services	144,600	89,759	54,841
Operating Expense	537,825	191,355	346,470
Office & Landowner Expense	80	82	(2)
Total Expenditures:	<u>682,505</u>	<u>281,196</u>	<u>401,309</u>
Transfers, Financing & Capital Outlays			
Capital Outlays	-	-	-
Transfers out	(85,250)	-	(85,250)
Total Transfers, Financing & Capital Outlays	<u>(85,250)</u>	<u>-</u>	<u>(85,250)</u>
Total Expenditures & Other Financing	<u>767,755</u>	<u>281,196</u>	<u>486,559</u>
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	<u>1,258,247</u>	<u>1,562,022</u>	<u>303,775</u>
Beginning Fund Balance		1,759,305	
Ending Fund Balance		<u>3,321,327</u>	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 12/31/2017

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,519,850	1,970,371	450,521
Investment Income	21	-	(21)
Other Income	-	21,334	21,334
Total Revenue:	1,519,871	1,991,705	471,834
Expenditures:			
Principal Paid	-	-	-
Interest Paid	-	-	-
Other Debt Service	4,750	10,359	(5,609)
Total Expenditures:	4,750	10,359	(5,609)
Excess (Deficit) Revenues over (under) Expenditures	1,515,121	1,981,346	466,225
Beginning Fund Balance		2,013,775	
Ending Fund Balance		3,995,121	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 12/31/2017

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	175	-	(175)
Total Revenue:	175	-	(175)
Expenditures:			
Capital Outlay	150,000	15,400	134,600
Total Expenditures:	150,000	15,400	134,600
Transfers, Financing & Capital Outlays			
Transfers in	220,500	-	(220,500)
Total Transfers, Financing & Capital Outlays	220,500	-	(220,500)
Excess (Deficit) Revenues over (under) Expenditures	70,675	(15,400)	(86,075)
Beginning Fund Balance		2,692,665	
Ending Fund Balance		2,677,265	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 12/31/2017

*Internal Service (Maintenance) Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	495,350	558,677	63,327
Rents & Contracted Service	13,500	15,935	2,435
Investment Income	-	-	-
Other Income	-	9,217	9,217
Total Revenue:	508,850	583,829	74,979
Expenditures:			
Personal Services	291,550	285,988	5,562
Contracted Services	50,500	23,804	26,696
Operating Expense	102,450	64,398	38,052
Office & Landowner Expense	6,500	4,303	2,197
Insurance	12,350	10,400	1,950
Total Expenditures:	463,350	388,893	74,457
Transfers, Financing & Capital Outlays			
Capital Outlays	-	51,115	(51,115)
Transfers out	165,000	-	165,000
Total Transfers, Financing & Capital Outlays	165,000	51,115	113,885
Excess (Deficit) Revenues over (under) Expenditures & Transfers	(119,500)	143,821	263,321
Beginning Fund Balance		1,074,842	
Ending Fund Balance		1,218,663	
Designated for Equipment Replacement		231,234	
Net investment in equipment		843,608	
Undesignated		143,821	
Total Fund Balance		1,218,663	



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for November 24, 2017 to January 11, 2018
DATE: January 11, 2018

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 Staff meeting.
4. Attended Safety Council of Palm Beach County Board meeting where I was appointed as President for the upcoming year.
5. Attended kick-off meeting with District Engineer and FEMA representatives regarding Hurricane Irma damage.
6. Received \$2,645.00 from Verizon for monthly cell tower lease.
7. Received a 1st and 2nd place trophy for participation in the Jupiter Farms Christmas Parade.
8. Sent eight certified letters to residents regarding a culvert install or replacement. To date only one has responded to schedule their culvert installation. Left 14 door hangers regarding culvert replacement or rip rap install. Three have been completed. Six are waiting to be scheduled. Five have not responded.
9. Superintendent, Matt Wood, is accepted into the Florida Association of Special Districts Certified District Manager Program with a full scholarship.
10. Purchased a 2018 F150 STX to replace the 2008 F150.
11. The 1990 F250 was declared surplus and sold.
12. Conducted District employee safety meeting.

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182

www.sirwcd.org • sirwcd@sirwcd.org

MEMORANDUM

To: Board of Supervisors

Date: January 11, 2018

Page 2

ADMINISTRATIVE cont.

13. Traded in the Kubota U25 for the purchase of a new Kubota U35.
14. Attended the Palm Beach Country Estates landowner meeting.
15. The John Deere 670G grader is out of service due to engine failure.

WATER CONTROL

1. Mowing schedule is returning to normal after hurricane debris removal
2. Received 4.6 inches of rain this reporting period.
3. Prepped swales for two culvert installations, inspected seven culverts and District crews installed four temporary culverts and 25 driveway culverts.
4. Terra Tech continues canal spraying for aquatic weed control.
5. Crews continue to replace District drainage culverts at various locations.
6. Drainage outfalls and swales continue to be re-contoured throughout the District.
7. Community Tree, Inc. begins vegetation removal at drainage outfalls in Palm Beach Country Estates.
8. Crews complete swale re-contouring and culvert replacements for the 19th Plan of Improvements.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 587 tons of shellrock to District yard.
2. Road grading operations returning to normal schedule.


Michael A. Dillon
Manager of Operations

To South Indian River Water Control District (SIRWCD) Board of Supervisors Pages 3

CC

Subject Engineer's Report for January

From Amy E. Eason, PE, District Engineer

Board Meeting Date January 18, 2018

The following is a summary of activities and communications that were of significance during the months of December and January. 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 has 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 has been completed and engineering design has begun.** Staff is prepared to update the Board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. The National Pollutant Discharge Elimination System (NPDES) Steering Committee has not met since the last report. The next scheduled meeting is on January 17, 2018.
- B. 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.

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 are being executed to determine the results of different components. The modeling group plans on meeting with the flood control group to discuss the results and assumptions to the models. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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. The next meeting is expected January 29, 2018 to discuss options.** Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.
- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. **Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. Staff is in contact with the County to discuss progress. Staff will continue to update the Board as items occur.**
 - E. **On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but has advertised to bid the project on January 9, 2018 in order to meet FEMA's contracting requirements. Staff is prepared to update the Board at this month's meeting.**
 - F. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. **As part of the new roadway improvement policy, staff has been updating the petition for issuance in February.** Staff will continue to work on this effort.
 - G. 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.
 - H. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
 - I. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

February 15, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
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
 - A. Discussion Regarding Changes in Procurement Policy
6. Engineer's Report
7. Attorney's Report
8. Old business
9. New Business
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- February 2018

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

- ❖ Monthly Meeting (*Feb. 15*) release

The following items were updated on the website:

- ❖ Monthly meeting (*Nov. 30*) minutes
- ❖ Meeting updates
- ❖ Newsletter – Annual Reports
- ❖ Landowners Family Day information
- ❖ Update 19th Plan of Improvements
- ❖ Culvert installation updates
- ❖ Petition Review Fee update
- ❖ February Meeting Agenda and staff reports

Attended Monthly Meeting (*Jan. 18*) and Staff Meeting (*Feb. 6*).

The 27th Annual Landowners Family Day is scheduled for March 17 from 11:30 am – 2:30 pm. The Tom Jackson Band has been secured and we continue getting quotes from the vendors and securing exhibitors for the event.

The next newsletter is in production which will include the invitation to Landowners Family Day, culvert installation updates, PBCE potable water notice, petition review fee implementation, and Mike Dillon and Matt Wood Special District Certified District Manager information.

The District office and staff are reviewing and updating 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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of February 2018
CC: Staff
Date: February 11, 2018

Routine Business

1. The District received a total of \$4,167,443 in current assessments receipts from the Palm Beach County Tax Collector through January 2018.
2. We continue to work on the year end close in preparation of the audits commencement in February
3. 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 10/01/2017 to 1/31/2018

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	3,732,581	3,961,843	229,262
Rents & Contracted Service Income	-	0	-
Investment Income	1,016	-	(1,016)
Other Income	12,000	29,642	17,642
Total Revenue:	3,745,597	3,991,485	245,888
Expenditures:			
Contracted Services	188,400	161,562	26,838
Operating Expense	706,400	737,369	(30,969)
Office & Landowner Expense	110	129	(19)
Capital Outlay	150,000	31,176	118,824
Other Debt Service	5,750	14,310	(8,560)
Total Expenditures:	1,296,405	1,059,425	236,980
Transfers, Financing & Capital Outlays			
Transfers in	(100,000)	-	100,000
Transfers out	(85,250)	-	85,250
Financings-Net	-	-	-
Total Transfers, Financing & Capital Outlays	(185,250)	-	185,250
Total Expenditures & Other Financing	1,481,655	1,059,425	51,730
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)			
	2,263,942	2,932,060	(668,118)
Beginning Fund Balance		6,465,745	
Ending Fund Balance		9,397,805	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 1/31/2018

Special Revenue Funds
(In Whole Numbers)

	<u>YTD Budget</u>	<u>Year to Date Actual</u>	<u>Budget Variance</u>
Revenue:			
Assessments - Net	2,106,328	1,911,022	(195,306)
Rents & Contracted Service	-	-	-
Investment Income	700	-	(700)
Other Income	12,000	8,308	(3,692)
Total Revenue:	2,119,028	1,919,330	(199,698)
Expenditures:			
Contracted Services	188,400	161,562	26,838
Operating Expense	706,400	737,369	(30,969)
Office & Landowner Expense	110	129	(19)
Total Expenditures:	894,910	899,060	(4,150)
Transfers, Financing & Capital Outlays			
Capital Outlays	-	-	-
Transfers out	(85,250)	-	(85,250)
Total Transfers, Financing & Capital Outlays	(85,250)	-	(85,250)
Total Expenditures & Other Financing	980,160	899,060	81,100
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	1,138,868	1,020,270	(118,598)
Beginning Fund Balance		1,759,305	
Ending Fund Balance		2,779,575	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 1/31/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,626,253	2,050,821	424,568
Investment Income	66	-	(66)
Other Income	-	21,334	21,334
Total Revenue:	1,626,319	2,072,155	445,836
Expenditures:			
Interest Paid	245,745	114,879	130,866
Principal Paid	-	-	-
Other Debt Service	5,750	14,310	(8,560)
Total Expenditures:	251,495	129,189	122,306
Excess (Deficit) Revenues over (under) Expenditures	1,374,824	1,942,966	568,142
Beginning Fund Balance		2,013,775	
Ending Fund Balance		3,956,741	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 1/31/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	250	-	(250)
Total Revenue:	250	-	(250)
Expenditures:			
Capital Outlay	150,000	31,176	118,824
Total Expenditures:	150,000	31,176	118,824
Transfers, Financing & Capital Outlays			
Transfers in	(100,000)	-	100,000
Total Transfers, Financing & Capital Outlays	(100,000)	-	100,000
Excess (Deficit) Revenues over (under) Expenditures	(249,750)	(31,176)	218,574
Beginning Fund Balance		2,692,665	
Ending Fund Balance		2,661,489	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 1/31/2018

*Internal Service (Maintenance) Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
<hr/>			
Revenue:			
Charges for Services	661,800	709,383	47,583
Rents & Contracted Service	27,000	15,935	(11,065)
Investment Income	-	-	-
Other Income	-	9,217	9,217
Total Revenue:	<hr/> 688,800	<hr/> 734,535	<hr/> 45,735
Expenditures:			
Personal Services	374,600	368,071	6,529
Contracted Services	70,200	39,603	30,597
Operating Expense	135,200	78,211	56,989
Office & Landowner Expense	8,300	5,967	2,333
Insurance	16,500	13,683	2,817
Total Expenditures:	<hr/> 604,800	<hr/> 505,535	<hr/> 99,265
Transfers, Financing & Capital Outlays			
Capital Outlays	-	62,115	(62,115)
Transfers out	229,000	229,000	-
Total Transfers, Financing & Capital Outlays	<hr/> 229,000	<hr/> 291,115	<hr/> (62,115)
Excess (Deficit) Revenues over (under) Expenditures & Transfers	<hr/> (145,000)	<hr/> (62,115)	<hr/> 82,885
Beginning Fund Balance		<hr/> 1,074,842	
Ending Fund Balance		<hr/> <hr/> 1,012,727	



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for January 12, 2018 to February 9, 2018
DATE: February 9, 2018

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting at Jupiter Community Center.
5. Attended Loxahatchee River Preservation Initiative meeting a Town of Jupiter Operations Center.
6. Attended Loxahatchee Lake Worth Aquatic Preserve Management meeting at the Jupiter Community Center.
7. Received \$2,645.00 from Verizon for monthly cell tower lease.
8. Received bids for Hurricane related debris removal on District Canals (FEMA),
9. Submitted documents for reimbursement from FEMA for Hurricane Irma related projects.
10. Reviewed District's Procurement Policy of Goods and Services Contracts (10.3) with Staff. Will request Board approval for changes in Purchasing Categories (10.31).

MEMORANDUM

To: Board of Supervisors

Date: February 9, 2018

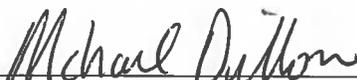
Page 2

WATER CONTROL

1. Received 1.36 inches of rain this reporting period.
2. Prepped swales for one culvert installation; inspected three culverts and District crews installed three temporary culverts and 15 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Crews continue to replace District drainage culverts at various locations.
5. Drainage outfalls and swales continue to be re-contoured throughout the District.
6. Community Tree, Inc. completes vegetation removal at drainage outfalls in Palm Beach Country Estates.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 186 tons of shellrock to District yard.
2. K & L Trucking hauled 162 yards of shell/marl to District yard.
3. District hauled 700 yards of material from Jupiter Inlet District.
4. Received bids for micro and asphalt overlay on existing OGEM roads in Jupiter Farms.



Michael A. Dillon
Manager of Operations

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 3

CC

Subject Engineer's Report for February

From Amy E. Eason, PE, District Engineer

Board Meeting
Date February 15, 2018

The following is a summary of activities and communications that were of significance during the month of February. 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 has been completed and engineering design has begun. Staff is prepared to update the Board at this month's meeting.

- B. **Staff has updated the current petition form for roadway improvements per the board's direction at the January board meeting. On February 1, 2018, staff**

prepared exhibits for landowner requests for petitions on several roadways. Staff will continue to update the Board on this item as petitions are submitted.

II. OPERATION AND MAINTENANCE

- A. **The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on January 17, 2018. The meeting consisted on administrative activities and updates on public outreach, 1st Year Individual Annual Reports, and the 2018 Program Schedule. The Steering Committee also reviewed the budget. The Florida Department of Environmental Protection (FDEP) has not sent comments on the Water Quality Assessment Reports. Stakeholders were asked to review information on the website on Annual Report, Cycle 4, Year 1, Pollutant Loading Analysis. The committee also notified stakeholders that the FDEP audits should occur the first week of June.**
- B. 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.

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 are being executed to determine the results of different components. The modeling group plans on meeting with the flood control group to discuss the results and assumptions to the models. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. Staff is in contact with the County to discuss progress. Staff will continue to update the Board as items occur.
- E. On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but advertised to bid the project on January 9, 2018 in order to meet FEMA's contracting requirements. **Bids were received on February 2, 2018. The contract was awarded to Eden's Construction. Staff is prepared to update the Board at this month's meeting.**
- F. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. As part of the new roadway improvement policy, staff updated the petition for issuance in February. Staff will continue to work on this effort.
- G. 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.



- H. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- I. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

March 15, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
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
 - A. Discuss Renewal of PBCE County Road Maintenance Contract
6. Engineer's Report
7. Attorney's Report
8. Old business
 - A. Discuss LRD Request to Cross District Right-of-Way to Run Sewer to Elementary School
9. New Business
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- March 2018

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

- ❖ Monthly Meeting (*Mar. 15*) release

The following items were updated or added to the website:

- ❖ Monthly meeting (*Jan. 18*) minutes
- ❖ Meeting updates
- ❖ Landowners Family Day information
- ❖ March 2018 Newsletter
- ❖ Bids for Ford F150 Truck Topper
- ❖ New parking and ID requirements for Board Meetings at Jupiter High School
- ❖ Palm Beach Country Estates Potable Water update
- ❖ March Meeting Agenda and staff reports

Attended Monthly Meeting (*Feb. 15*) and Staff Meeting (*Mar. 5*).

The 27th Annual Landowners Family Day is March 17th from 11:30 am – 2:30 pm. On board this year is McCray's Backyard Bar-B-Q, The Tom Jackson Band, Cock-A-Doodle Doo, Jupiter Bounce House and the following exhibitors - Drowning Prevention Coalition of Palm Beach County, Florida Dept. of Health – Palm Beach County, Florida Forestry Service, Jupiter Farmer, Jupiter Farms Community Emergency Response Team (CERT), Jupiter Farms/Palm Beach Country Estates C.O.P., Jupiter Farms Residents, Jupiter Lighthouse Chapter-Daughters of the American Revolution (DAR), Nature Speaks, Inc., Northeast Everglades Trails Association, Palm Beach County Fire Rescue, Palm Beach County Parks & Rec- Riverbend Park, Safety Council of Palm Beach County, Solid Waste Authority and United Way of Palm Beach County. Ads have been placed in The Jupiter Farmer and PBCE Countryside Living.

The newsletter has been mailed to all landowners and includes the invitation to Landowners Family Day, culvert installation updates, PBCE potable water notice, petition review fee implementation, Mike Dillon and Matt Wood Special District Certified District Manager information, and FEMA Hurricane Irma information.

The District office and staff are reviewing and updating 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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of March 2018
CC: Staff
Date: March 15, 2018

Routine Business

1. The District received a total of \$4,334,457 in current assessments receipts from the Palm Beach County Tax Collector through February 2018.
2. We continue to work on the year end close in preparation of the audits commenced in January.
3. Attached to this report is a memorandum to the Board concerning a refund request from a landowner for a reimbursement of a assessments paid on the Hookup Financing Plan debt service assessment erroneously assessed from 2013 to 2017.
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).
2. The board will be asked to approve a reimbursement in the amount of \$1934.40 for overassessments made between 2013 and 2017.

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/01/2017 to 2/28/2018

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	3,936,848	4,123,356	186,508
Rents & Contracted Service Income	-	0	-
Investment Income	1,250	33	(1,217)
Other Income	12,000	42,202	30,202
Total Revenue:	3,950,098	4,165,591	215,493
Expenditures:			
Contracted Services	232,200	247,437	(15,237)
Operating Expense	874,975	888,776	(13,801)
Office & Landowner Expense	140	148	(8)
Capital Outlay	150,000	54,611	95,389
Other Debt Service	5,750	15,679	(9,929)
Total Expenditures:	1,548,782	1,492,442	56,340
Transfers, Financing & Capital Outlays			
Transfers in	(100,000)	-	100,000
Transfers out	(85,250)	-	85,250
Financings-Net	-	-	-
Total Transfers, Financing & Capital Outlays	(185,250)	-	185,250
Total Expenditures & Other Financing	1,734,032	1,492,442	(128,910)
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	2,216,066	2,673,149	(457,083)
Beginning Fund Balance		3,285,414	
Ending Fund Balance		5,958,563	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 2/28/2018

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,222,727	1,998,186	(224,541)
Investment Income	875	33	(842)
Other Income	12,000	20,868	8,868
Total Revenue:	2,235,602	2,019,087	(216,515)
Expenditures:			
Contracted Services	232,200	247,437	(15,237)
Operating Expense	874,975	888,776	(13,801)
Office & Landowner Expense	140	148	(8)
Total Expenditures:	1,107,315	1,136,361	(29,046)
Transfers, Financing & Capital Outlays			
Capital Outlays	-	-	-
Transfers out	(85,250)	-	(85,250)
Total Transfers, Financing & Capital Outlays	(85,250)	-	(85,250)
Total Expenditures & Other Financing	1,192,565	1,136,361	56,204
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	1,043,037	882,726	(160,311)
Beginning Fund Balance		1,165,137	
Ending Fund Balance		2,047,863	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 2/28/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,714,121	2,125,170	411,049
Investment Income	75	-	(75)
Other Income	-	21,334	21,334
Total Revenue:	1,714,196	2,146,504	432,308
Expenditures:			
Interest Paid	285,717	285,791	(74)
Other Debt Service	5,750	15,679	(9,929)
Total Expenditures:	291,467	301,470	(10,003)
Excess (Deficit) Revenues over (under) Expenditures	1,422,729	1,845,034	422,305
Beginning Fund Balance		1,312,203	
Ending Fund Balance		3,157,237	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 2/28/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	300	-	(300)
Total Revenue:	300	-	(300)
Expenditures:			
Capital Outlay	150,000	54,611	95,389
Total Expenditures:	150,000	54,611	95,389
Transfers, Financing & Capital Outlays			
Transfers in	(100,000)	-	100,000
Total Transfers, Financing & Capital Outlays	(100,000)	-	100,000
Excess (Deficit) Revenues over (under) Expenditures	(249,700)	(54,611)	195,089
Beginning Fund Balance		808,074	
Ending Fund Balance		753,463	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 2/28/2018

*Internal Service (Maintenance) Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	826,250	840,543	14,293
Rents & Contracted Service	27,000	29,225	2,225
Investment Income	(25)	1	26
Other Income	-	10,342	10,342
Total Revenue:	853,225	880,111	26,886
Expenditures:			
Personal Services	457,050	448,851	8,199
Contracted Services	85,400	49,890	35,510
Operating Expense	162,550	127,129	35,421
Office & Landowner Expense	10,000	8,361	1,639
Insurance	20,600	16,880	3,720
Total Expenditures:	735,600	651,111	84,489
Transfers, Financing & Capital Outlays			
Capital Outlays	-	86,603	(86,603)
Transfers out	229,000	229,000	-
Total Transfers, Financing & Capital Outlays	229,000	315,603	(86,603)
Excess (Deficit) Revenues over (under) Expenditures & Transfers	(111,375)	(86,603)	24,772
Beginning Fund Balance		1,074,842	
Ending Fund Balance		988,239	



To: Board of Supervisors
FROM: Charles F. Haas, District Treasurer
RE: Reimbursement for an overassessment.
CC: Staff
Date: March 11, 2018

Mr. and Mrs. Crate, owners of Parcel Control Number: 00-42-41-17-00-000-1080, have requested to be reimbursed in for assessments paid in error for the years 2013 to 2017.

Recently, Mrs. Crate contacted Holly and requested a breakdown of her assessment for the current year (2017 assessment year). When she received it, she noticed that the parcel debt assessment included a charge of \$410 for the annual debt service on the Hookup Financing Note. She again contacted Holly and stated that they had prepaid their assessment in 2009, when the line of credit had been converted to a permanent loan. She also provided documentation supporting her claim.

Holly then researched our records, which did in fact reflect this prepayment. I concurred that the Districts records did indicate the receipt of the prepayment. In researching the assessments on this parcel, we determined that no annual debt assessments were made for this program between 2009 and 2012. The 2013 assessment roll reflected an assessment of \$399.00 for the Hookup Financing Program. This assessment was in error, and it continued to 2017.

We have determined that the amount of overassessment, minus discounts presumably taken in, to be \$1,934.40.

The Florida statutes provide taxpayers with a remedy for these types of issues by applying for a refund through the Tax Collector. It also has a four year statute of limitation. We believe that the Board of Supervisors could authorize a reimbursement without requiring the aggrieved party to go through this process. We further believe that this would be the best remedy for this situation. Consequently, we are asking the Board to authorize a reimbursement to them of \$1,934.40.

NICK & LYNDA CRATE
15720 83rd Way, North
Palm Beach Gardens, FL 33418

March 8, 2018

VIA EMAIL: Sirwcd@sirwcd.org

South Indian River Water Control District
Attention: Stephen Hinkle, Michael Howard,
John Jones, John Meyer, Thomas Powell
15600 Jupiter Farms Road
Jupiter, Florida 33478

RE: 15720 83rd Way, North
Parcel Control No. 00-42-41-17-00-000-1080

Dear SIRWCD Board:

Regarding the matter to be presented before the board as noted on the Agenda regarding the overpayment of the Non-Ad valorem assessment related to the financing of the water meter, we respectfully request that a refund be made to us in the amount of approximately \$1,934.40 for the period of 2013 through 2017. Additionally, we would like to receive confirmation that the assessment for the financing of the water meter will be taken off permanently for 2018 and coming years.

Holly Rigsby from your office sent an Email on March 6th informing us that the assessment was taken off in 2009 – after we paid off the water meter (*note that a satisfaction of the Declaration of Financing has not yet been recorded*), but for some unknown reason, it started back up again in 2013 through 2017.

Please note that when we purchased the property, the homestead exemption was not applied since title to the property was held in a marital trust. The taxes were extremely high and we paid the high taxes in 2008 until our homestead exemption took effect, which resulted in our taxes decreasing by a large amount in 2009. We assumed that the assessment was taken off and didn't question it. Additionally, we certainly didn't think that an old assessment would start being charged four years later. It should also be noted that the descriptions of the non-ad valorem tax assessments are very confusion and do not note specifically what the debt payments are for.

We would appreciate receiving the overpayment of the assessment at your earliest convenience.

Respectfully submitted,

Nick and Lynda Crate



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for February 10, 2018 through March 9, 2018
DATE: March 9, 2018

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 Staff meeting.
4. Attended Safety Council Awards Committee meetings.
5. District received awards for Excellence in Vehicle and Employee Safety at the Safety Council of Palm Beach County's Annual Awards Luncheon.
6. Eden Construction begins debris removal on District's perimeter canals.
7. Received \$2,645.00 from Verizon for monthly cell tower lease.
8. Mike Dillon, Matt Wood and Jim Powell successfully complete the Florida Underground Storage Tank Class A/B Operator Training.
9. All District operators successfully complete the Florida Underground Storage Tank Class C Operator Training.
10. Sent two certified letters to Landowners regarding culvert replacement.
11. Reviewed District's telemetry system and flood control structures for possible upgrade.
12. Reviewed contract with Schoen Property Specialists for mowing and trimming services on County roads in Palm Beach Country Estates. (**Board Discussion**)

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182

www.sirwcd.org • sirwcd@sirwcd.org

MEMORANDUM

To: Board of Supervisors

Date: March 9, 2018

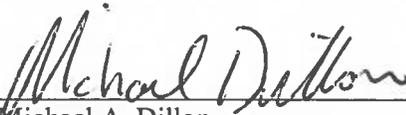
Page 2

WATER CONTROL

1. Received .33 inches of rain this reporting period.
2. Prepped swales for four culvert installations; inspected three culverts and District crews installed two temporary culverts and 19 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Crews continue to replace District drainage culverts at various locations.
5. Drainage outfalls and swales continue to be re-contoured throughout the District.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 197 tons of shellrock to District yard.
2. K & L Trucking hauled 126 yards of shell/marl to District yard.
3. District hauled 4200 yards of material from Jupiter Inlet District.



Michael A. Dillon
Manager of Operations

To South Indian River Water Control District (SIRWCD) Board of Supervisors Pages 4

CC

Subject Engineer's Report for March

From Amy E. Eason, PE, District Engineer

Board Meeting Date March 15, 2018

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 has been completed and engineering design has begun. Staff is prepared to update the Board at this month's meeting.

- B. **On February 22, 2018, the District received a petition for an enhanced stabilization project. The following petition was received and verified to meet the over 50% requirement to submit for petition and to process for referendum:**

- **74th Avenue N. between 150 Court N. and 154th Court N. for asphalt**

The District is accepting valid petitions through April 30, 2018. Staff is prepared to update the board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. **The National Pollutant Discharge Elimination System (NPDES) Steering Committee did not meet in February. Their next meeting is scheduled for March 21, 2018.**
- B. 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.

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 are being executed to determine the results of different components. The modeling group plans on meeting with the flood control group to discuss the results and assumptions to the models. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. Staff is in contact with the County to discuss progress. Staff will continue to update the Board as items occur.
- E. On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but advertised to bid the project on January 9, 2018 in order to meet FEMA's contracting requirements. Bids were received on February 2, 2018. The contract was awarded to Eden's Construction. **Construction has been completed and staff is preparing the close out documents for FEMA submittal. Staff is prepared to update the Board at this month's meeting.**
- F. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. As part of the new roadway improvement policy, staff updated the petition for issuance in February. Staff will continue to work on this effort.



- 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 is prepared to update the board at this month's meeting on the status of the analysis.**
- H. 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.
- I. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- J. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

April 19, 2018 – 6:30 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
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
 - A. Approval of Contract with Murray Logan Construction for culvert under 175th at Canal 18
6. Engineer's Report
 - A. FEMA – Approval of Pay Request #1
FEMA – Approval of Final Change Order
FEMA – Approval of Final Pay Request #2
 - B. Jupiter Farms Elementary School Update
7. Attorney's Report
8. Old business
 - A. Section by Section Survey by Engineer
9. New Business
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- April 2018

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

- ❖ Monthly Meeting (*Apr. 19*) release

The following items were updated or added to the website:

- ❖ Monthly meeting (*Feb. 15*) minutes
- ❖ Meeting updates
- ❖ Landowners Family Day update
- ❖ Culvert page update
- ❖ April Meeting Agenda and staff reports

Attended Monthly Meeting (*Mar. 15*) and Staff Meeting (*Apr. 9*).

The 27th Annual Landowners Family Day on March 17th was a success! Everyone enjoyed McCray's Backyard Bar-B-Q while listening to the Tom Jackson Band. Kids had their faces painted, rode ponies and got up close and personal with the animals from Cock-A-Doodle Doo. They also had fun at the Jupiter Bounce House. Landowners visited the exhibitors - Drowning Prevention Coalition of Palm Beach County, Florida Dept. of Health – Palm Beach County, Florida Forestry Service, Gaited Trail Riders, Jonathan Dickenson State Park, Jupiter Farmer, Jupiter Farms Community Emergency Response Team (CERT), Jupiter Farms/Palm Beach Country Estates C.O.P., Jupiter Farms Residents, Jupiter Lighthouse Chapter-Daughters of the American Revolution (DAR), Loxahatchee Battlefield Preservationists, Nature Speaks, Inc., Northeast Everglades Trails Association, Palm Beach County Fire Rescue, Palm Beach County Parks & Rec- Riverbend Park, Safety Council of Palm Beach County, Solid Waste Authority and United Way of Palm Beach County. Ads were placed in The Jupiter Farmer and PBCE Countryside Living. Attendance was up 10%.

The District office and staff are reviewing and updating 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.

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/01/2017 to 3/31/2018

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 3/31/2018

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,045,028	4,207,580	162,552
Investment Income	1,484	33	(1,451)
Other Income	12,000	48,652	36,652
Total Revenue:	4,058,512	4,256,265	197,753
Expenditures:			
Contracted Services	276,000	309,326	(33,326)
Operating Expense	1,043,550	1,069,354	(25,804)
Office & Landowner Expense	170	192	(22)
Capital Outlay	150,000	87,354	62,646
Principal Paid	31,931	31,930	1
Interest Paid	298,899	298,820	79
Other Debt Service	6,750	17,448	(10,698)
Total Expenditures:	1,807,300	1,814,424	(7,124)
Transfers, Financing & Capital Outlays			
Transfers in	(185,250)	(185,250)	-
Transfers out	85,250	85,250	-
Other Financing Sources- Landowner Prepayments	-	(73,425)	(73,425)
Total Transfers, Financing & Capital Outlays	(100,000)	(173,425)	(73,425)
Total Expenditures & Other Financing	1,707,300	1,640,999	66,301
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	2,351,212	2,615,266	(264,054)
Beginning Fund Balance		3,285,414	
Ending Fund Balance		5,900,680	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 3/31/2018

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,284,327	2,050,477	(233,850)
Investment Income	1,050	33	(1,017)
Other Income	12,000	27,318	15,318
Total Revenue:	2,297,377	2,077,828	(219,549)
Expenditures:			
Contracted Services	276,000	309,326	(33,326)
Operating Expense	1,043,550	1,069,354	(25,804)
Office & Landowner Expense	170	192	(22)
Total Expenditures:	1,319,720	1,378,872	(59,152)
Transfers, Financing & Capital Outlays			
Transfers out	85,250	85,250	-
Total Transfers, Financing & Capital Outlays	85,250	85,250	-
Total Expenditures & Other Financing	1,404,970	1,464,122	(59,152)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	892,407	613,706	(278,701)
Beginning Fund Balance		1,165,137	
Ending Fund Balance		1,778,843	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 3/31/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,760,701	2,157,103	396,402
Investment Income	84	-	(84)
Other Income	-	21,334	21,334
Total Revenue:	1,760,785	2,178,437	417,652
Expenditures:			
Principal Paid	31,931	31,930	1
Interest Paid	298,899	298,820	79
Other Debt Service	6,750	17,448	(10,698)
Total Expenditures:	337,580	348,198	(10,618)
Transfers, Financing & Capital Outlays			
Other Financing Sources- Landowner Prepayments	-	(73,425)	
Total Expenditures & Other Financing	337,580	274,773	(10,618)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)			
	1,423,205	1,903,664	428,270
Beginning Fund Balance		1,312,203	
Ending Fund Balance		3,215,867	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 3/31/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	350	-	(350)
Total Revenue:	350	-	(350)
Expenditures:			
Capital Outlay	150,000	87,354	62,646
Total Expenditures:	150,000	87,354	62,646
Transfers, Financing & Capital Outlays			
Transfers in	(185,250)	(185,250)	-
Total Transfers, Financing & Capital Outlays	(185,250)	(185,250)	-
Total Expenditures & Other Financing	(35,250)	(97,896)	62,646
Excess (Deficit) Revenues over (under) Expenditures	35,600	97,896	(62,996)
Beginning Fund Balance		808,074	
Ending Fund Balance		905,970	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 3/31/2018

*Internal Service (Maintenance) Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	990,700	1,009,036	18,336
Rents & Contracted Service	27,000	29,225	2,225
Investment Income	(50)	1	51
Other Income	-	13,037	13,037
Total Revenue:	1,017,650	1,051,299	33,649
Expenditures:			
Personal Services	539,750	531,628	8,122
Contracted Services	100,900	61,671	39,229
Operating Expense	189,900	240,896	(50,996)
Office & Landowner Expense	11,600	9,672	1,928
Insurance	24,700	20,829	3,871
Total Expenditures:	866,850	864,696	2,154
Transfers, Financing & Capital Outlays			
Capital Outlays	-	86,603	(86,603)
Transfers out	100,000	100,000	-
Total Transfers, Financing & Capital Outlays	100,000	186,603	(86,603)
Total Expenditures & Other Financing	966,850	1,051,299	(84,449)
Excess (Deficit) Revenues over (under) Expenditures & Transfers	50,800	-	118,098
Beginning Fund Balance		1,074,842	
Ending Fund Balance		1,074,842	



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for March 10, 2018 through April 13, 2018
DATE: April 13, 2018

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting.
5. Received bids for canal culvert replacement at 175th Rd. and Jupiter Farms Rd. (**Board discussion**)
6. Eden Construction completes Hurricane debris removal on perimeter canals (FEMA).
7. Received \$2,645.00 from Verizon for monthly cell tower lease.
8. Reviewed perimeter canals with NRCS Engineer to inspect canal banks for possible restoration projects.
9. Meeting with Loxahatchee River District to discuss force main to Jupiter Elementary School.
10. Operator Herbert Key resigns from District.
11. Meeting with Palm Beach County Road and Bridge to discuss enhanced maintenance along 69th Dr in Palm Beach Country Estates.

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182
www.sirwcd.org • sirwcd@sirwcd.org

MEMORANDUM

To: Board of Supervisors

Date: April 13, 2018

Page 2

WATER CONTROL

1. Received 1.95 inches of rain this reporting period.
2. Prepped swales for 13 culvert installations; inspected six culverts and District crews installed one temporary culvert and 20 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Inspecting drainage outfall culverts for replacement in Palm Beach Country Estates.
5. Drainage outfalls and swales continue to be re-contoured throughout the District.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 193 tons of shellrock to District yard.
2. K & L Trucking hauled 180 yards of shell/marl to District yard.
3. NFE completes micro-overlay maintenance on 152nd Rd. between Alexander Run and 118th Terr. and 150th Ct. between Mellen Ln. to the west end.



Michael A. Dillon
Manager of Operations



Memorandum

AECOM
2090 Palm Beach Lakes Blvd
Suite 600
West Palm Beach, FL 33409
www.aecom.com

561 684 3375 tel
561 689 8531 fax

To 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 19, 2018

The following is a summary of activities and communications that were of significance during the month of April. 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.** Staff is prepared to update the Board at this month's meeting.



- B. On February 22, 2018, the District received a petition for an enhanced stabilization project. The following petition was received and verified to meet the over 50% requirement to submit for petition and to process for referendum:

- 74th Avenue N. between 150 Court N. and 154th Court N. for asphalt

No other petitions were submitted this past month. The District is accepting valid petitions through April 30, 2018. Staff is prepared to update the board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. **The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on March 21, 2018. At this meeting, training was conducted on spill prevention and response, illicit discharge, and sedimentation and erosion control for construction sites. Their next meeting is scheduled for April 18, 2018.**

- B. 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.

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 are being executed to determine the results of different components. The modeling group plans on meeting with the flood control group to discuss the results and assumptions to the models. Staff will continue to participate in these sub teams on behalf of the District.

- C. 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.** Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. **On March 22, 2018, Palm Beach County provided staff with a draft permit policy and procedure manual concerning this issue. Staff has reviewed the item and has been in contact with the County to discuss progress. Staff will continue to update the Board as items occur.**
- E. On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but advertised to bid the project on January 9, 2018 in order to meet FEMA's contracting requirements. Bids were received on February 2, 2018. The contract was awarded to Eden's Construction. **Construction has been completed and staff has prepared the close out documents for FEMA submittal. Board approval of the pay applications and the change orders to close out the project are needed.**



Staff has also received notification from the Natural Resource Conservation Service (NRCS) concerning our 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. Staff is prepared to update the Board at this month's meeting.

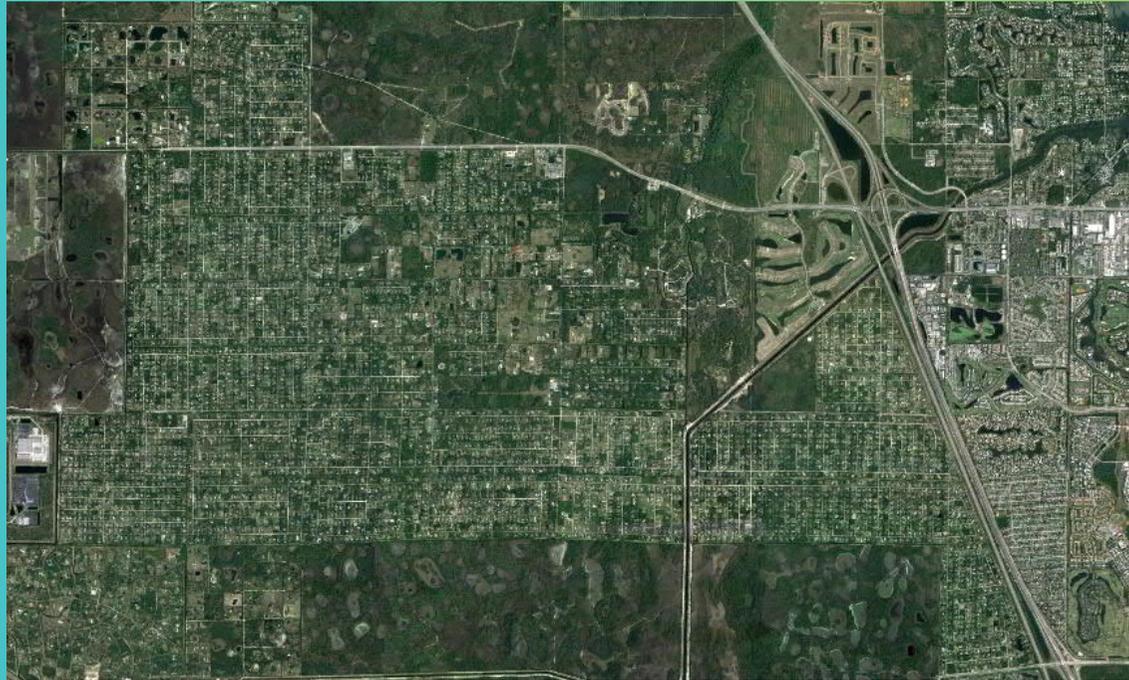
- F. **At the March 15, 2018 board meeting, the board asked staff to research the proposed force main to Jupiter Farms Elementary School. Staff has met with a Jupiter Farms Resident on April 4, 2018 and the Loxahatchee River District on April 11, 2018. Staff has also reached out to the Palm Beach County School District and the Palm Beach County Health Department. In addition, staff has received a permit application for the installation of the force main on March 20, 2018. Staff is prepared to update the board on the project at this month's meeting.**
- G. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. As part of the new roadway improvement policy, staff updated the petition for issuance in February. Staff will continue to work on this effort.
- H. 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.**
- I. 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.
- J. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- K. 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.

ATTENTION AUDIENCE

- Tonight's meeting is a **BOARD MEETING**.
- The items that the Board is going to discuss are numbered on the **AGENDA**.
- If you would like to comment on any of the items,
PLEASE FILL OUT A COMMENT CARD AND CIRCLE THE ITEM IN WHICH YOU WOULD LIKE TO COMMENT ON.
- **PUBLIC COMMENT** will be taken after the Board discussion on items that require **BOARD ACTION**.
- Depending on the number of comment cards received, will determine the amount of time you are allowed speak.
The President will determine the time allowed to speak.
- The meeting can not extend past **8:40 pm**. We must be off the school campus by **9:00 pm**.
- **Thank you for your patience!**

South Indian River Water Control District April Board of Supervisors Meeting



April 19, 2018

Item 1: Pledge of Allegiance



Item 2: Consent Agenda

- A. Approval of Minutes of Previous Meeting
- B. Approval of Warrant List

Board Discussion

Motion from the Board



Item 3: Public Information Report



Presented by Donna J. DeNinno,
District Public Information Officer

Item 4: Treasurer's Report



Presented by
Chuck Haas, Treasurer

Item 5: Manager of Operations' Report

A. Approval of Contract with Murray Logan Construction for culvert under 175th at Canal 18



Presented by Mike Dillon
Manager of Operations

Pipe Cost - \$28,620
Murray Logan Cost - \$118,000
Total Cost - \$146,620

Item 6: Engineer's Report

Presented by Amy E. Eason, PE,
District Engineer



A. FEMA Debris Removal

- Hurricane Irma hit our area on September 9, 2017
- Researched FEMA funding the week after the storm
- Approached the NRCS for funding
- Obtained a price quote
- Funding was not available
- Approached FEMA again
- Met with FEMA on December 12, 2017
- Went to bid for debris removal on January 9, 2018



A. FEMA Debris Removal

- Approximately 29 locations
- Approximately 140 Trees
- Approximately \$250,000

Board Approved an upper limit of \$250,000.

- Bids submittal due on February 2, 2018 (Received 4 bids)
- Awarded the Contract to Edens Construction for \$114,400
- Construction started on February 26, 2016 and substantial completion was on March 9, 2018



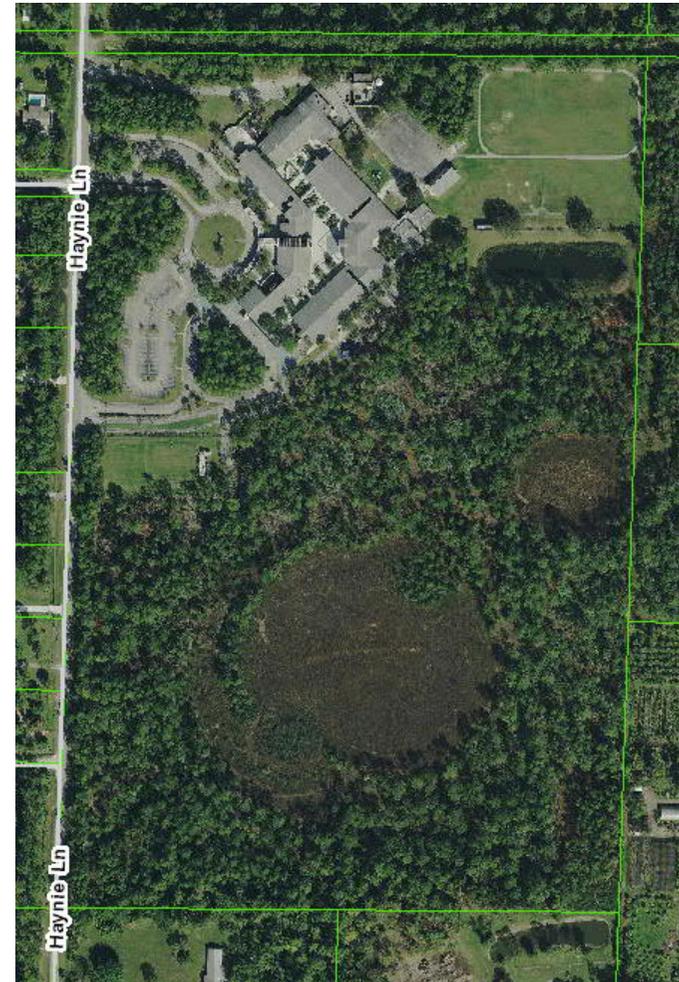
A. FEMA Debris Removal

- Pay Request #1 for work completed prior to March 2, 2018 = \$89,284.50
- Final Change Order
 - Planned for 140 Trees – Changed to 297 trees
 - Reduced the need for herbicide, slope repair, and sodding
 - Contract Price from \$114,400 to \$181,845
- Pay Request #2 (Final) - \$92,560.50
- Total Contract Amount - \$181,845



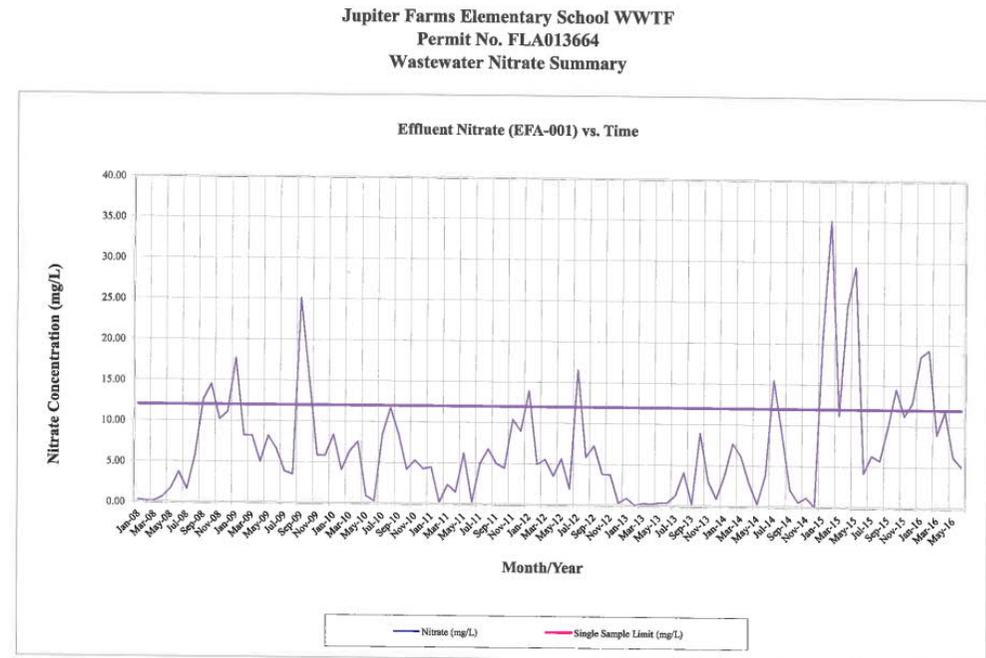
B. Jupiter Farms Elementary School Force Main

- School site is approximately 59.07 acres with student capacity at 677 and administrative personnel at 100 for a total of 777 people
- Existing Package Plant
 - Capacity 0.030 MGD 3 month average daily flow
 - Category III, Class C extended aeration plant providing basic disinfection
 - Disposal system is a Rapid-Rate Infiltration Basin and Absorption Field, which consists of 2 – 8,000 square foot absorption beds
 - No groundwater monitoring is required
 - Effluent monitoring is located upstream of the absorption beds
- Renewed their Operation Permit October 24, 2016
- Expiration date of permit is December 13, 2021



B. Jupiter Farms Elementary School Force Main

- Jupiter Farms Residents acquired public records from the school district and the Loxahatchee River District (LRD)
- Staff Review the records
- Staff requested water quality testing from Health Department (have not received)
- Staff requested a meeting with the School District (have not received possible dates)
- Staff met with LRD on April 11, 2018



B. Jupiter Farms Elementary School Force Main

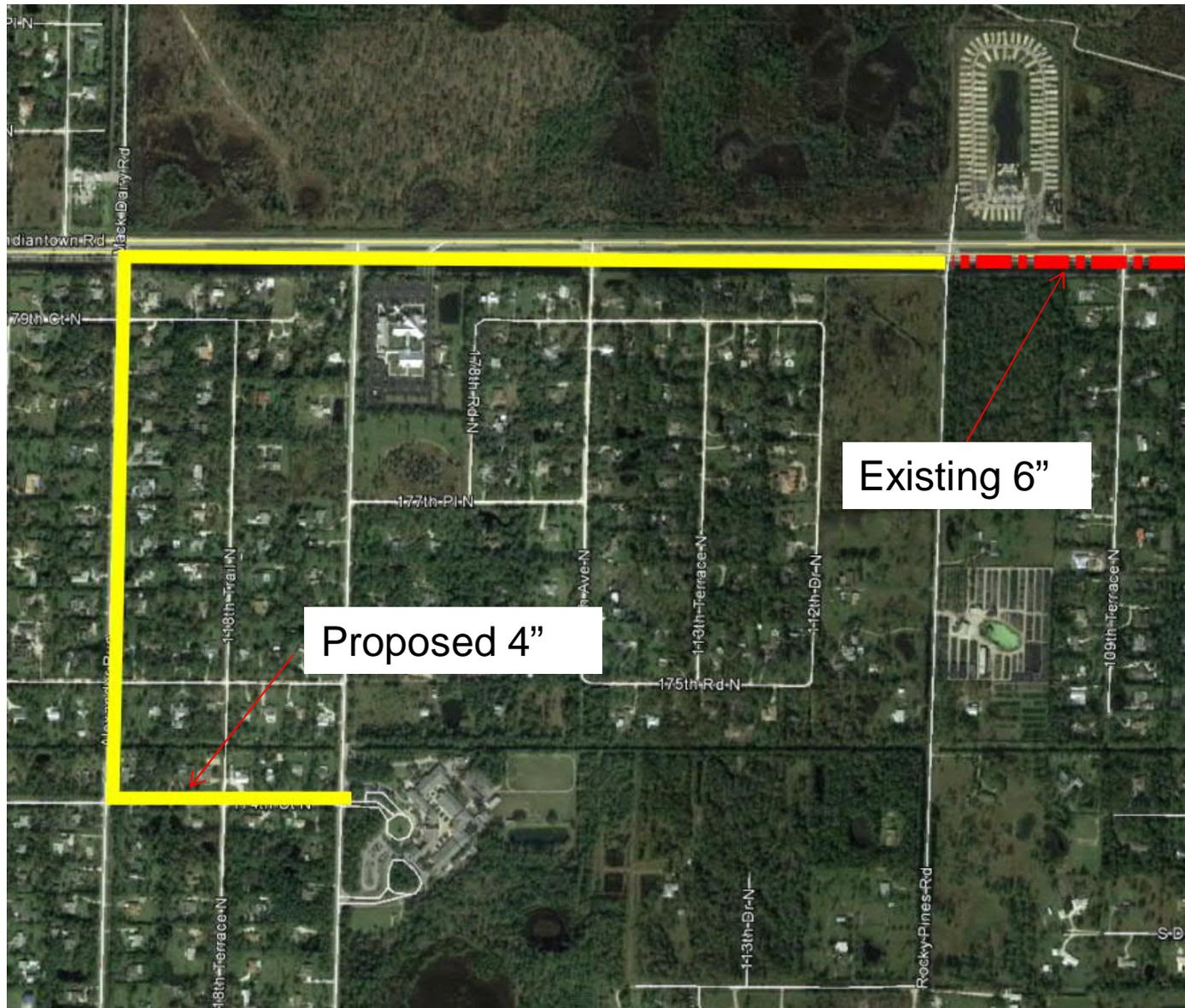
- Due to the exceedances in WQ and the desire to not operate package plants, School District approached LRD for a connection into their collection system
- During the connection of the Jupiter Farms Shopping Center, LRD had to plan for future services. Future Services only accounted for commercial/PBC properties. NO RESIDENTIAL PROPERTIES were considered in the analysis (2009).

	<u>Anticipated Users</u>	<u>Est. Average Daily Flow (GPD)</u>
1.	Riverbend Park	1600
2.	Sierra Square Shops	3500
3.	Jupiter Farms Shopping Plaza	23,000 ←
4.	Church	900
5.	Plant Nursery	500
6.	Day Care Center	875
7.	RV Park	10,900 ←
8.	Baptist Church	2100
9.	P.B.Co. Fire Station	300
10.	Elementary School	<u>30,000</u> ←
ESTIMATED TOTAL AVERAGE DAILY FLOW (GPD)		73,675 \cong 74,000

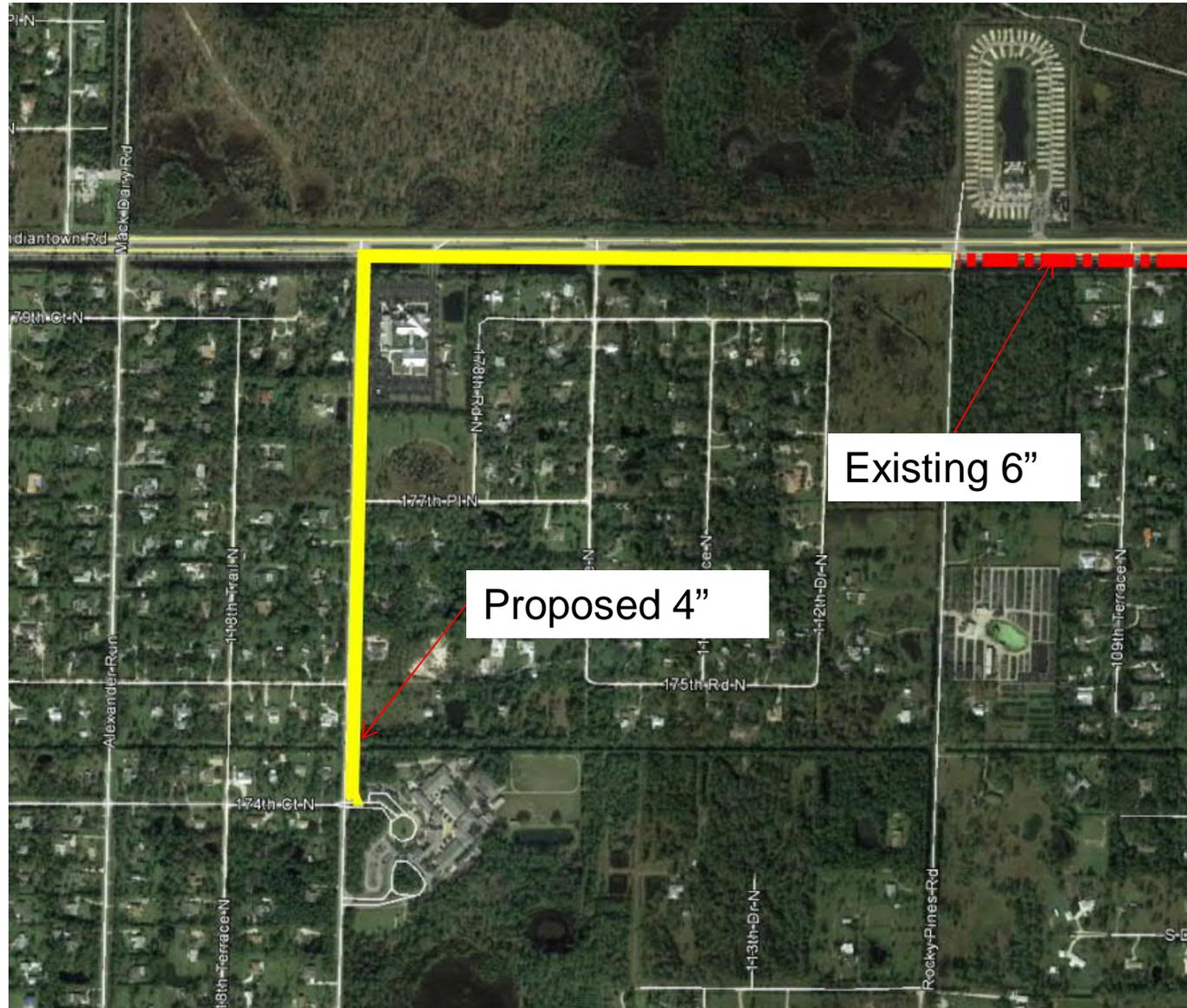
B. Jupiter Farms Elementary School Force Main

- Florida Statute 381.00655 “Connection of existing onsite sewage treatment and disposal systems to central sewerage system; requirements.”
- On November 17, 2016, the LRD Board made a motion that states, “That the District Governing Board states its intent to collaborate with the School District of Palm Beach County, FL to design and construct a 4 inch diameter wastewater force main from the western terminus of the existing 6 inch force main to Jupiter Farms Elementary, and directing staff to design and construct the proposed 4 inch wastewater force main without a service or point of connection for residential properties.”
- On March 20, 2018, SIRWCD received an application to install a 4-inch force main across Canals 1 and 2 as well as the intersection of Haynie Lane and 174th Court N.

B. Jupiter Farms Elementary School Force Main



B. Jupiter Farms Elementary School Force Main



B. Jupiter Farms Elementary School Force Main

- Board Approval on the force main installation pending LRD covering engineering comments
- Board Approval on the force main route on Haynie Lane pending LRD covering engineering comments



19th Plan of Improvements

Asphalt (±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 Ave. and 81st Court N.
- 159th Court N. between 78th Drive N. to 83rd Way N.
- 160th Street N. between 75th Ave. N. and 72th Drive N. and 75th Ave. and 72nd Drive N. from 160th Street N. to 160th Lane N.
- 175th Road N. between Jupiter Farms Road and West End

19th Plan of Improvement

- Approximately 2.3 miles
- Estimating \$470,000 per mile
- Approx. 95 assessable lots with 22 corner lots from a previous POI
- Total Estimated Project Costs = \$1,081,000

Next Steps

- Receive survey information January 3, 2018
- Begin design (January – February)
- Bid project (April 15, 2018)
- Bids due (May 15, 2018)
- Currently, we have 3 requests



Proposed Plan of Improvements

- Began accepting petitions on February 1, 2018 for an Enhanced Stabilization Project
- Received one petition that meets the current policy
 - 74th Avenue N. between 150 Court N. and 154th Court N. for a District financed asphalt surface (approx. 0.4 miles)
- Accepting valid petitions through April 30, 2018



Palm Beach County (PBC) Fill Permit

- Received a draft policy from PBC on March 22, 2018

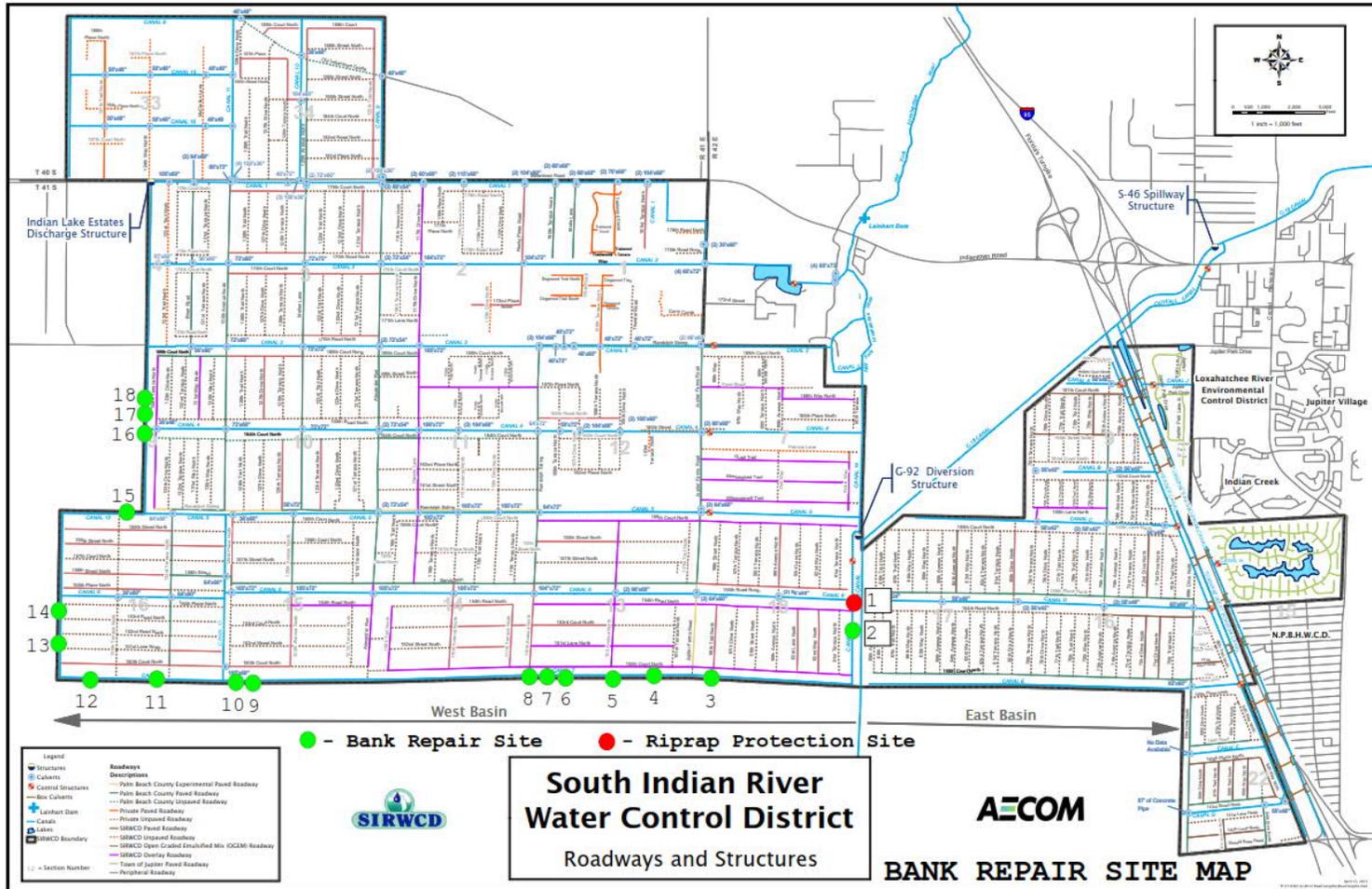
Highlights

- Definition for Minor Fill, which would not require a permit.
- Permits are required beyond Minor Fill
- New construction activity shall not adversely impact legal historic surface water drainage flows serving adjacent properties, and may require special drainage design complying with engineering standards to preserve the positive drainage patterns of the affected sites.

Next Steps – Prepare comprehensive comments and setup a meeting with County

NRCS Funding

- Met with NRCS on additional funding for Irma on April 12, 2018



NRCS Funding



Site 1 – Rip Rap



Site 12 – Bank Repair Site

Grant Funding is 75% of Cost
Original Requested Funding Amount \$202,138
Requesting Board to Approve \$202,138



Item 7: Attorney's Report



Presented by
William G. Capko and Terry E. Lewis,
District Attorneys



Item 8: Old Business

A. Section by Section Survey by Engineer

- A. Discussed in November 19, 2015
- B. Discussed in January 21, 2016
- C. Discussed in February 4, 2016 – Produced the Driveway Replacement Program
- D. Estimated Cost in January 21, 2016

Option No.	Survey Cost	Engineer Cost	Total Cost
1	\$40,000	\$15,000	\$55,000
2	\$15,000	\$15,000	\$30,000
3	\$0	\$18,000	\$18,000



Board Discussion

Item 9: New Business

Board Discussion



Item 10: Landowners' Items

Landowners may provide comment to the Board at this time.

Public Comment

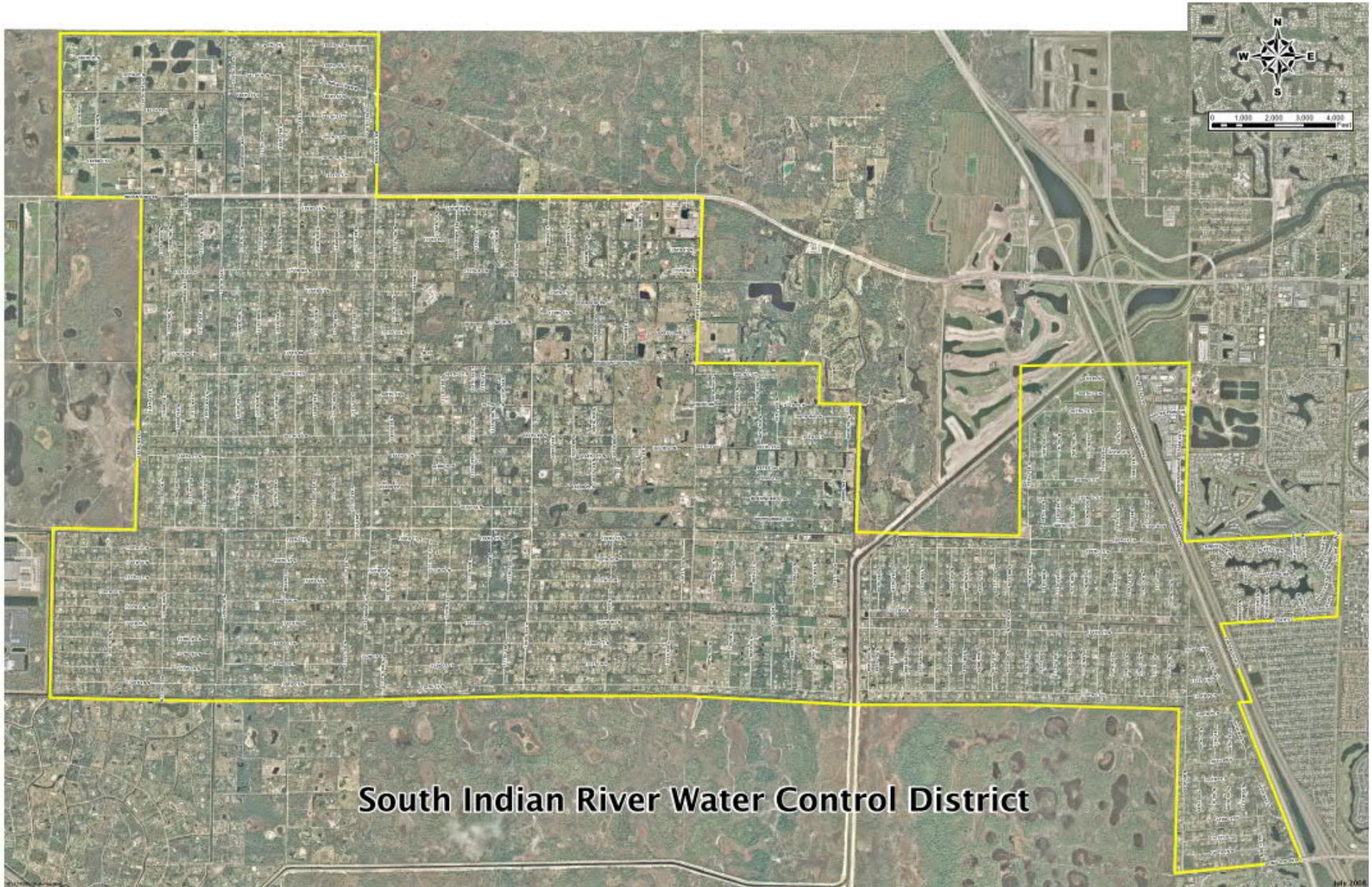
Board Discussion



Item 11: Adjourn

Motion to Adjourn?





South Indian River Water Control District

July 2008



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

May 17, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
2. Consent Agenda
 - A. Approval of Minutes of Previous Meeting
 - B. Approval of Warrant List
3. Public Information Report
 - A. Attended Presentation of Certificate to William Dean
4. Treasurer's Report
5. Manager of Operations Report
6. Engineer's Report
 - A. 19th Plan of Improvement Bids
 - B. Upcoming Landowner project
 - C. NRCS Agreement
7. Attorney's Report
8. Old business
 - A. Update on Policies and Procedures Manual
 - B. Discussion of Straw Poll Regarding Enhanced Swale Maintenance in Palm Beach Country Estates
9. New Business
10. Landowners' Items
11. Adjourn

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182

www.sirwcd.org • sirwcd@sirwcd.org



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- May 2018

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

- ❖ Monthly Meeting (*May 17*) release
- ❖ William Dean Easement Deed certificate of appreciation release and photo

The following items were updated or added to the website:

- ❖ Monthly meeting (*Mar. 15*) minutes
- ❖ Meeting updates
- ❖ William Dean Easement Deed certificate of appreciation release and photo
- ❖ 19th Plan of Improvement updates
- ❖ May Meeting agenda and staff reports

Attended Monthly Meeting (*Apr. 19*) and Staff Meeting (*May 7*).

Met with Mr. Dillon, Mr. Hinkle and Mr. Dean regarding the Sandy Run Easement Deed and took pictures of certificate presentation for the newsletter, website and release.

The next newsletter has been started and will include updates on the 19th Plan of Improvements, Presentation of Certificate of Appreciation to Mr. Dean, Landowners Family Day, NPDES information and final notice on PBCE potable water hookup deadline.

The District office and staff are reviewing and updating 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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of May 2018
CC: Staff
Date: May 17, 2018

Routine Business

1. The District received a total of \$4,663,011 in current assessments receipts from the Palm Beach County Tax Collector through April 30, 2018.
2. The District's auditors, Grau & Associates, issued their report year ending September 30, 2017 on April 23, 2018. Electronic copies were furnished to each board member and staff. The auditors issued a "Clean Opinion" with no management letter comments.
3. We have been working with Regions Bank on funding for the 19th POI and expect to have a proposal for consideration at the Board meeting.
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).
2. The Board will be requested to note the receipt of the audit report in the minutes of the May 19th meeting.



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for April 14, 2018 through May 11, 2018
DATE: May 11, 2018

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting.
5. Hired Steve Sears as a Level 3 operator.
6. Attended Jupiter Farms Residents meeting.
7. Presented Certificate of Appreciation to William Dean Homes for cooperating with the District by dedicating a drainage easement off Sandy Run which will help create a new outfall drainage system.
8. Receiving bids for a new skid steer to be used in the District's driveway culvert replacement program. (*See attached memo.*)
9. Received \$2,645 for monthly Verizon cell tower lease.
10. Receiving bids for canal restoration work related to Hurricane Irma (NRCS).
11. Meeting with Palm Beach County to review Landfill Requirements.

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182

www.sirwcd.org • sirwcd@sirwcd.org

MEMORANDUM

To: Board of Supervisors

Date: May 11, 2018

Page 2

WATER CONTROL

1. Received 3.35 inches of rain this reporting period.
2. Inspected three culverts and District crews installed 15 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Crews are replacing outfall drainage culverts along Canal D in Palm Beach Country Estates.
5. Drainage outfalls and swales continue to be re-contoured throughout the District.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 203 tons of shellrock to District yard.
2. K & L Trucking hauled 180 yards of shell/marl to District yard.



Michael A. Dillon
Manager of Operations

Memorandum

To: Board of Supervisors

Subject: Purchase of New Kubota Skid Steer

Date: May 11, 2018

I will be asking to Board to approve the purchase of a New Kubota SVL95-2SHFC Skid Steer. With the success of the Culvert Program and the amount of landowners who are on the waiting list, I have decided to create a crew specifically for this program. With the addition of operator Steve Sears, who has experience in culvert installation and is a level 3 operator, the purchase of the skid steer would enhance this operation. Below are the quotes I received from Kubota and John Deere;

Kubota \$66,181.00

John Deere \$73,141.75

Please contact me if you have any questions,

Mike

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 4/30/2018

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,265,693	4,446,920	181,227
Investment Income	1,743	1,198	(545)
Other Income	12,000	90,901	78,901
Total Revenue:	4,279,436	4,539,019	259,583
Expenditures:			
Contracted Services	319,800	365,698	(45,898)
Operating Expense	1,212,125	1,225,116	(12,991)
Office & Landowner Expense	200	248	(48)
Capital Outlay	150,000	157,883	(7,883)
Principal Paid	31,931	31,930	1
Interest Paid	258,926	298,820	(39,894)
Other Debt Service	8,000	19,400	(11,400)
Total Expenditures:	1,980,982	2,099,095	(118,113)
Transfers, Financing & Capital Outlays			
Transfers in	(185,250)	(185,250)	-
Transfers out	85,250	85,250	-
Other Financing Sources- Landowner Prepayments	-	(73,425)	(73,425)
Total Transfers, Financing & Capital Outlays	(100,000)	(173,425)	(73,425)
Total Expenditures & Other Financing	1,880,982	1,925,670	(44,688)
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	2,398,454	2,613,349	(214,895)
Beginning Fund Balance		3,285,414	
Ending Fund Balance		5,898,763	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 4/30/2018

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,410,557	2,270,640	(139,917)
Investment Income	1,225	653	(572)
Other Income	12,000	34,011	22,011
Total Revenue:	2,423,782	2,305,304	(118,478)
Expenditures:			
Contracted Services	319,800	365,698	(45,898)
Operating Expense	1,212,125	1,225,116	(12,991)
Office & Landowner Expense	200	248	(48)
Total Expenditures:	1,532,125	1,591,062	(58,937)
Transfers, Financing & Capital Outlays			
Transfers out	85,250	85,250	-
Total Transfers, Financing & Capital Outlays	85,250	85,250	-
Total Expenditures & Other Financing	1,617,375	1,676,312	(58,937)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	806,407	628,992	(177,415)
Beginning Fund Balance		1,165,137	
Ending Fund Balance		1,794,129	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 4/30/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,855,136	2,176,280	321,144
Investment Income	93	545	452
Other Income	-	56,890	56,890
Total Revenue:	1,855,229	2,233,715	378,486
Expenditures:			
Principal Paid	31,931	31,930	1
Interest Paid	258,926	298,820	(39,894)
Other Debt Service	8,000	19,400	(11,400)
Total Expenditures:	298,857	350,150	(51,293)
Transfers, Financing & Capital Outlays			
Other Financing Sources- Landowner Prepayments	-	(73,425)	
Total Expenditures & Other Financing	298,857	276,725	(51,293)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)			
	1,556,372	1,956,990	429,779
Beginning Fund Balance		1,312,203	
Ending Fund Balance		3,269,193	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 4/30/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
<hr/>			
Revenue:			
Investment Income	425	-	(425)
Total Revenue:	425	-	(425)
Expenditures:			
Capital Outlay	150,000	157,883	(7,883)
Total Expenditures:	150,000	157,883	(7,883)
Transfers, Financing & Capital Outlays			
Transfers in	(185,250)	(185,250)	-
Total Transfers, Financing & Capital Outlays	(185,250)	(185,250)	-
Total Expenditures & Other Financing	(35,250)	(27,367)	(7,883)
Excess (Deficit) Revenues over (under) Expenditures	35,675	27,367	7,458
Beginning Fund Balance		808,074	
Ending Fund Balance		835,441	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 4/30/2018

Internal Service (Maintenance) Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,157,150	1,140,808	(16,342)
Rents & Contracted Service	40,500	39,870	(630)
Investment Income	(50)	(11)	39
Other Income	-	13,037	13,037
Total Revenue:	1,197,600	1,193,704	(3,896)
Expenditures:			
Personal Services	622,800	613,429	9,371
Contracted Services	111,650	81,950	29,700
Operating Expense	217,650	276,663	(59,013)
Office & Landowner Expense	13,400	10,828	2,572
Insurance	28,850	24,113	4,737
Total Expenditures:	994,350	1,006,983	(12,633)
Transfers, Financing & Capital Outlays			
Capital Outlays	-	86,721	(86,721)
Transfers out	100,000	100,000	-
Total Transfers, Financing & Capital Outlays	100,000	186,721	(86,721)
Total Expenditures & Other Financing	1,094,350	1,193,704	(99,354)
Excess (Deficit) Revenues over (under) Expenditures & Transfers	103,250	-	95,458
Beginning Fund Balance		1,074,842	
Ending Fund Balance		1,074,842	



Memorandum

AECOM
2090 Palm Beach Lakes Blvd
Suite 600
West Palm Beach, FL 33409
www.aecom.com

561 684 3375 tel
561 689 8531 fax

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 4

CC

Subject Engineer's Report for May

From Amy E. Eason, PE, District Engineer

Board Meeting
Date May 17, 2018

The following is a summary of activities and communications that were of significance during the month of May. 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 staff is prepared to update the Board at this month's meeting and request Board direction.**



- B. On February 22, 2018, the District received a petition for an enhanced stabilization project. The following petition was received and verified to meet the over 50% requirement to submit for petition and to process for referendum:

- 74th Avenue N. between 150 Court N. and 154th Court N. for asphalt

No other petitions were submitted this past month. **The deadline for accepting valid petitions ended on April 30, 2018. Staff is prepared to update the board at this month's meeting and request Board direction on this petition.**

II. OPERATION AND MAINTENANCE

- A. **The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on April 18, 2018. At this meeting, the committee discussed updates on administrative activities, the Cycle 4, Year 1-Joint Annual Report, and the assessment program. Their next meeting is scheduled for June 6, 2018.**
- B. 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.

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. Staff is prepared to update the board at this month's meeting.

- C. 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. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. On March 22, 2018, Palm Beach County provided staff with a draft permit policy and procedure manual concerning this issue. Staff has reviewed the item and has been in contact with the County to discuss progress. **On May 11, 2018, staff met with County staff to discuss comments to the policy. Staff is prepared to update the Board on this item.**
- E. On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but advertised to bid



the project on January 9, 2018 in order to meet FEMA's contracting requirements. Bids were received on February 2, 2018. The contract was awarded to Eden's Construction. Construction has been completed and staff has prepared the close out documents for FEMA submittal.

Staff has also received notification from the Natural Resource Conservation Service (NRCS) concerning our 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. **Staff has been contacting contractors to construct the project and has received preliminary information on the agreement between the District and NRCS. Staff is prepared to update the Board at this month's meeting.**

- F. **At the April 19, 2018 meeting, staff was directed to begin a section analysis on Section 7. Staff has been working on determining SIRWCD easements and has contacted a surveyor to begin survey work on this section. Staff is prepared to update the Board at this month's meeting.**
- G. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. As part of the new roadway improvement policy, staff updated the petition for issuance in February. Staff will continue to work on this effort.
- H. 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.
- I. 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.
- J. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- K. 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.



South Indian River Water Control District™

Established 1923

BOARD OF SUPERVISORS MEETING

July 11, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BOARD MEETING AGENDA

1. Pledge of Allegiance
2. Consent Agenda
 - A. Approval of Minutes of Previous Meeting
 - B. Approval of Warrant List
3. Public Information Report
4. Treasurer's Report
 - A. Presentation of Preliminary 2018/19 Budget
5. Manager of Operations Report
6. Engineer's Report
 - A. Discussion of Offsite Dewatering Permit
7. Attorney's Report
8. Old business
9. New Business
 - A. Discussion Regarding Section 6
10. Landowners' Items
11. Adjourn



**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- June/July 2018

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

- ❖ Monthly Meeting (*July 11*) release

The following items were updated or added to the website:

- ❖ Monthly meeting (*Apr. 19*) minutes
- ❖ Meeting updates
- ❖ Notice of Candidates for SIRWCD Supervisor election
- ❖ Disclaimer for ADA compliance
- ❖ Updated John Jones photo on Bio page
- ❖ 19th Plan of Improvement updates
- ❖ New Petition update
- ❖ Palm Beach Country Estates Potable Water update
- ❖ July Meeting agenda and staff reports

Attended Monthly Meeting (*May 17*) and Staff Meeting (*June 25*).

The June newsletter has been mailed to all landowners and includes updates on the 19th Plan of Improvements, Presentation of Certificate of Appreciation to Mr. Dean, Landowners Family Day, NPDES information and final notice on PBCE potable water hookup deadline.

We worked with District Treasurer Chuck Haas, Dawn Clark with the Town of Jupiter Water Utilities and Mrs. Rigsby on a letter to the four remaining Palm Beach Country Estates landowners who are currently being assessed for potable water hookup financing but had not hooked up to the Town's system. The final cut-off date for signing up for hook up to the potable water system is June 21, 2018. The Town offered an alternative to connecting to the system by this date and preserve their District-negotiated hook up savings by opening an account by June 21, 2018 with the Jupiter Water System and agreeing to pay an Annual Guaranteed Revenue (AGR) fee. The current AGR rate is \$21.60 per month or \$259.20 annually.

Business cards were ordered for John Jones.

We have begun the process to make the SIRWCD website ADA compliant and have posted the recommended notice provided by the District Attorney to FASD members.

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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of May 2018
CC: Staff
Date: July 11, 2018

Routine Business

1. The District received a total of \$4,881,395 in current assessments receipts from the Palm Beach County Tax Collector through July 06, 2018. This is 99.9% of levied assessments.
2. We filed the Audited Financial Statements, electronically and a hard copy with the Auditor General's office and the Annual Financial Report with the Department of Financial Management Service.
3. We prepared the mailing list for the Annual Landowners meeting and forwarded it to the District office.
4. We prepared the 2018/19 Preliminary Budget and distributed it to the Board on July 3, 2018. It is expected that Board will consider this budget, make alterations as they see fit, so a proposed budget will be available for a hearing at the August meeting and tentative rates can be sent to Palm Beach County ISS by July 26, 2018 for inclusion in the Trim Bill notices.
5. 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).
2. The Board will be requested to note the filing of the Audited Financial Statements with the Auditor General and the filing of the AFR with the Department of Financial Management Services.

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 5/31/2018

*All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,389,817	4,530,478	140,661
Investment Income	1,982	3,146	1,164
Other Income	12,000	94,201	82,201
Total Revenue:	4,403,799	4,627,825	224,026
Expenditures:			
Contracted Services	374,475	376,987	(2,512)
Operating Expense	1,380,700	1,400,821	(20,121)
Office & Landowner Expense	230	276	(46)
Capital Outlay	150,000	179,444	(29,444)
Principal Paid	31,931	31,930	1
Interest Paid	298,899	298,820	79
Other Debt Service	16,650	19,743	(3,093)
Total Expenditures:	2,252,885	2,308,021	(55,136)
Transfers, Financing & Capital Outlays			
Transfers in	(235,250)	(235,250)	-
Transfers out	85,250	85,250	-
Other Financing Sources- Landowner Prepayments	-	(73,425)	(73,425)
Total Transfers, Financing & Capital Outlays	(150,000)	(223,425)	(73,425)
Total Expenditures & Other Financing	2,102,885	2,084,596	18,289
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	2,300,914	2,543,229	(242,315)
Beginning Fund Balance		3,285,414	
Ending Fund Balance		5,828,643	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 5/31/2018

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,481,562	2,308,035	(173,527)
Investment Income	1,400	2,197	797
Other Income	12,000	37,311	25,311
Total Revenue:	2,494,962	2,347,543	(147,419)
Expenditures:			
Contracted Services	374,475	376,987	(2,512)
Operating Expense	1,380,700	1,400,821	(20,121)
Office & Landowner Expense	230	276	(46)
Total Expenditures:	1,755,405	1,778,084	(22,679)
Transfers, Financing & Capital Outlays			
Transfers out	85,250	85,250	-
Total Transfers, Financing & Capital Outlays	85,250	85,250	-
Total Expenditures & Other Financing	1,840,655	1,863,334	(22,679)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)			
	654,307	484,209	(170,098)
Beginning Fund Balance		1,165,137	
Ending Fund Balance		1,649,346	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 5/31/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,908,255	2,222,443	314,188
Investment Income	107	702	595
Other Income	-	56,890	56,890
Total Revenue:	1,908,362	2,280,035	371,673
Expenditures:			
Principal Paid	31,931	31,930	1
Interest Paid	298,899	298,820	79
Other Debt Service	16,650	19,743	(3,093)
Total Expenditures:	347,480	350,493	(3,013)
Transfers, Financing & Capital Outlays			
Other Financing Sources- Landowner Prepayments	-	(73,425)	
Total Expenditures & Other Financing	347,480	277,068	(3,013)
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)			
	1,560,882	2,002,967	374,686
Beginning Fund Balance		1,312,203	
Ending Fund Balance		3,315,170	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 5/31/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	475	247	(228)
Total Revenue:	475	247	(228)
Expenditures:			
Capital Outlay	150,000	179,444	(29,444)
Total Expenditures:	150,000	179,444	(29,444)
Transfers, Financing & Capital Outlays			
Transfers in	(235,250)	(235,250)	-
Total Transfers, Financing & Capital Outlays	(235,250)	(308,675)	(73,425)
Total Expenditures & Other Financing	(85,250)	(129,231)	(102,869)
Excess (Deficit) Revenues over (under) Expenditures	85,725	129,478	102,641
Beginning Fund Balance		808,074	
Ending Fund Balance		937,552	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 5/31/2018

Internal Service (Maintenance) Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,321,600	1,316,028	(5,572)
Rents & Contracted Service	40,500	45,160	4,660
Investment Income	(50)	5	55
Other Income	-	10,742	10,742
Total Revenue:	1,362,050	1,371,935	9,885
Expenditures:			
Personal Services	705,250	725,976	(20,726)
Contracted Services	122,350	124,822	(2,472)
Operating Expense	245,000	384,662	(139,662)
Office & Landowner Expense	27,700	11,395	16,305
Insurance	32,950	27,396	5,554
Total Expenditures:	1,133,250	1,274,251	(141,001)
Transfers out	380,000	150,000	230,000
Total Transfers, Financing & Capital Outlays	380,000	150,000	230,000
Total Expenditures & Other Financing	1,513,250	1,424,251	88,999
Excess (Deficit) Revenues over (under) Expenditures & Transfers	(151,200)	(52,316)	(79,114)
Beginning Fund Balance		1,074,842	
Ending Fund Balance		1,022,526	



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for May 12, 2018 through July 6, 2018
DATE: July 6, 2018

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 Staff meeting.
4. Attended Loxahatchee River Management Coordinating Council meeting.
5. Conference with South Florida Water Management District regarding heavy rainfall events.
6. Attended Florida Association of Special Districts in Orlando.
7. Meeting with Contractor to discuss construction of new shop facility.
8. Attended 19th Plan of Improvements pre-construction meeting with Rosso Construction and District Engineer.
9. Received \$2,645 for monthly Verizon cell tower lease.
10. Meeting with Murray Logan and District Engineer to review the box culvert installation at 175th Rd. and Canal 18 off Jupiter Farms Road.
11. Attended kick-off meeting with Natural Resources Conservation Service, Murray Logan and District Engineer for restoration work on District Canals.

MEMORANDUM

To: Board of Supervisors

Date: July 6, 2018

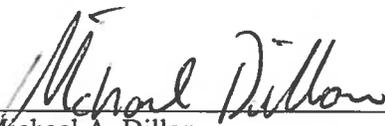
Page 2

WATER CONTROL

1. Received 35.87 inches of rain this reporting period.
2. District crews prepped swales for three culvert installs, installed nine temporary culverts and 43 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Drainage outfalls and swales continue to be re-contoured throughout the District.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 1,011 tons of shellrock to District yard.



Michael A. Dillon
Manager of Operations



Memorandum

AECOM
2090 Palm Beach Lakes Blvd
Suite 600
West Palm Beach, FL 33409
www.aecom.com

561 684 3375 tel
561 689 8531 fax

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 5

CC

Subject Engineer's Report for June/July

From Amy E. Eason, PE, District Engineer

Board Meeting
Date July 11, 2018

The following is a summary of activities and communications that were of significance during the months of June and July. 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 pre-**



construction meeting was held on June 21, 2018 and staff is prepared to update the Board at this month's meeting.

- B. On February 22, 2018, the District received a petition for an enhanced stabilization project. **The petition was verified to meet the over 50% requirement to submit for a petition and to process for referendum. Pursuant to Board direction after petitioners met the minimum requirements, staff prepared a preliminary cost estimate for the purpose of preparing a referendum for approximately 0.4 miles of roadway on the following section of road:**

- 74th Avenue N. between 150 Court N. and 154th Court N. for asphalt

Staff is prepared to update the board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. **The National Pollutant Discharge Elimination System (NPDES) Steering Committee met on June 6, 2018. At this meeting, the committee discussed pollutant load estimating required coverages and the Florida Department of Environmental Protection (FDEP) audit. FDEP also gave a presentation on compliance and enforcement actions, Total Maximum Daily Loads (TMDLs) in the area, status of assessment plans, the Year 2 reporting requirements, and the common annual report deficiencies. Their next meeting is scheduled for September 19, 2018.**
- B. 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.

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. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- C. 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.

The group is planning their next meeting in August. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for



developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. On March 22, 2018, Palm Beach County provided staff with a draft permit policy and procedure manual concerning this issue. Staff has reviewed the item and has been in contact with the County to discuss progress. On May 11, 2018, staff met with County staff to discuss comments to the policy.

- E. On December 12, 2017, staff met with FEMA to discuss funding from their public assistance program for the debris removal activities on the canal banks as a result of Hurricane Irma. Staff received an initial estimate for the project, but advertised to bid the project on January 9, 2018 in order to meet FEMA's contracting requirements. Bids were received on February 2, 2018. The contract was awarded to Eden's Construction. Construction has been completed and staff has prepared the close out documents for FEMA submittal.

Staff has also received notification from the Natural Resource Conservation Service (NRCS) concerning our 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 is working with NRCS to prepare the preliminary documents prior to construction. Staff is prepared to update the Board at this month's meeting.**

- F. At the April 19, 2018 meeting, staff was directed to begin a section analysis on Section 7. Staff has been working on determining SIRWCD easements and has contacted a surveyor to begin survey work on this section. Staff is prepared to update the Board at this month's meeting.
- G. Staff has been working together to update the Policy and Procedure Manual. Staff provided comments on Chapters 1, 2, 3, 5, and 6 and is proceeding to Chapters 7 thru 9. As part of the new roadway improvement policy, staff updated the petition for issuance in February. Staff will continue to work on this effort.
- H. 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.
- I. **Staff has been contacted by a parcel that is located outside the District boundary to dewater into a District facility. Since the parcel is not located within the District and it is not under normal practice to accept dewatering from construction sites into District facilities, Board discussion is needed. Staff is prepared to present the topic at this month's meeting.**
- 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.



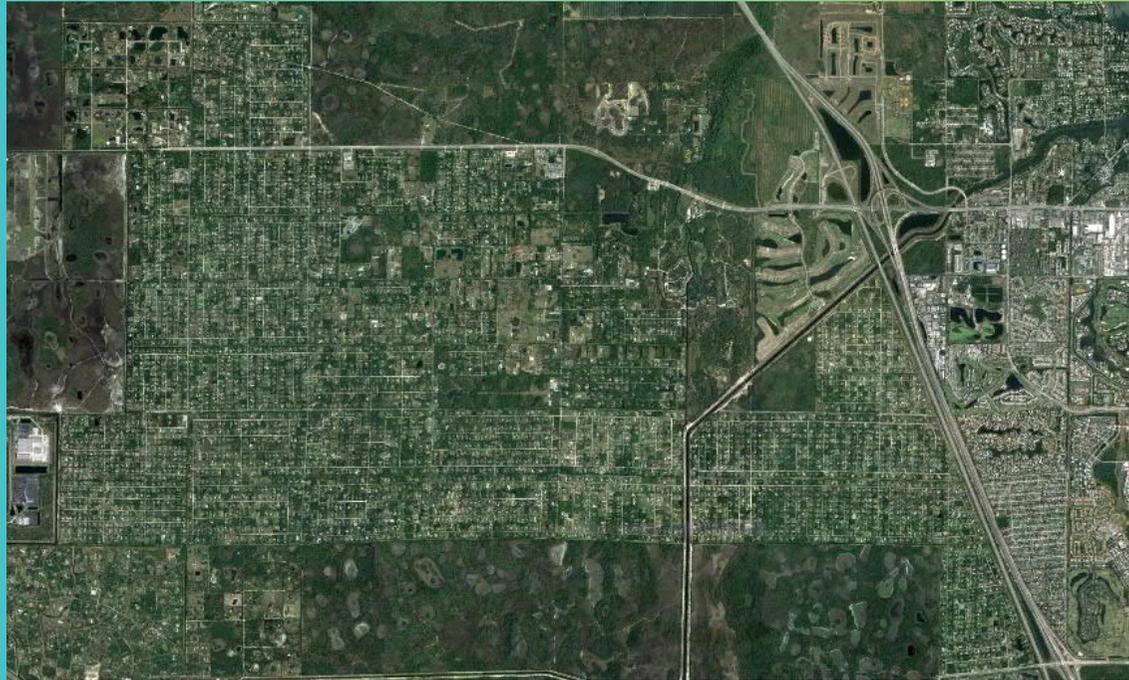
- L. We continue to provide engineering assistance to the General Manager, as needed, on operation and maintenance items, as well as landowner requests, utility requests, and inquiries from other governmental entities on issues that involve engineering support.

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

ATTENTION AUDIENCE

- Tonight's meeting is a **BOARD MEETING**.
- The items for discussion are numbered on the **AGENDA**.
- If you would like to comment on any of the items,
PLEASE FILL OUT A COMMENT CARD AND CIRCLE THE ITEM IN WHICH YOU WOULD LIKE TO COMMENT ON.
- **PUBLIC COMMENT** will be taken after the Board discussion on items that require **BOARD ACTION**.
- **The President will determine the time allowed to speak based on the amount of comment cards received.**
- The meeting can not extend past **8:40 pm**. We must be off the school campus by **9:00 pm**.
- **Thank you for your patience!**

South Indian River Water Control District July Board of Supervisors Meeting



July 11, 2018

Item 1: Pledge of Allegiance



Item 2: Consent Agenda

- A. Approval of Minutes of Previous Meeting
- B. Approval of Warrant List

Board Discussion

Motion from the Board



Item 3: Public Information Report



Presented by Laura Bender for
Donna J. DeNinno,
District Public Information Officer

Item 4: Treasurer's Report



Presented by
Chuck Haas, Treasurer



Preliminary Budget

Fiscal Year 2018/2019

July 11, 2018

Item 4.A. **Presentation of Preliminary 2018/2019**

Enhanced initiatives:

Driveway Culvert Replacement Program (PBCE & JF)

Outfall Clearing

Detailed Section Review (JF)

New initiatives

Workcenter Expansion (all parcels equally)

Modeling (JF)

2018/2019 Preliminary Budget

Combined Budget

DESCRIPTION	CURRENT		PRELIMINARY
	BUDGET	ESTIMATED	BUDGET
	2017/2018	2017/2018	2018/2019
Revenue			
Assessments	\$4,867,800	\$4,871,677	\$ 6,188,375
Less discounts	(194,900)	(165,270)	(247,540)
Intergovernmental revenue	35,800	30,000	37,000
Investment earnings	3,530	2,225	2,834
Driveway culverts fees	-	66,736	175,200
Rental Income	36,000	80,890	24,000
Gain on the sale of assets	-	1,708	-
Other revenue	-	11,329	10,000
Total Revenue	4,748,230	4,899,295	6,189,869
Expenditures			
Current:			
Water control	1,148,482	1,436,480	1,852,809
Road maintenance	1,203,018	849,122	1,004,591
Park maintenance	24,600	20,252	20,600
Capital outlay:			
Road improvements	150,000	1,143,636	-
Workcenter expansion	-	-	400,000
Debt service:			
Interest	593,846	593,390	598,207
Principal	1,395,900	1,395,900	1,521,254
Other	110,250	115,895	131,272
Total Expenditures	4,705,096	5,711,689	5,528,733
Excess (deficit) revenues over expenditures	43,134	(812,394)	661,136
Transfers & other financing sources (uses)			
Debt proceeds	-	1,081,425	-
Total Expenditures and net financing	4,705,096	4,630,264	5,528,733
Net revenues and expenditures and net other financing items	43,134	269,031	661,136
Appropriated fund balance, beginning	3,440,151	3,440,151	3,709,182
Appropriated fund balance, ending	\$3,483,285	\$ 3,709,182	\$ 4,370,318
Fund Balance, Ending:			
Committed Funds	\$2,168,894	\$ 2,320,675	\$ 2,573,311
Assigned Funds	1,073,991	1,388,507	1,774,507

Summary of Budgeted Assessments

	PRELIMINARY BUDGET 2018/2019	CURRENT BUDGET 2017/2018
SIRWCD ONGOING PROGRAMS:		
Operations		
Water Control (Per Acre)		
East Basin-Maintenance	\$ 680,000	\$ 330,000
West Basin-Maintenance	1,775,000	1,003,800
Maintenance (Per Parcel)		
PBCE	175,000	405,000
Jupiter Farms	695,000	795,000
PBCE Park-Maintenance	91,000	96,000
Debt Service		
2015 PBCE Water Distribution System Bonds	1,200,000	1,200,000
2004 Road Improvement Note Series C	40,000	40,000
2007 Road Improvement Note- Series A	214,500	214,500
2007 Road Improvement Note- Series B	14,750	14,750
2007 Road Improvement Note- Series C	20,750	20,750
2011 16A POI Road Improvement Note	36,200	36,200
2011 16B POI Road Improvement Note	144,800	144,800
2013 17TH POI Road Improvements-Series A	12,640	12,600
2013 17TH POI Road Improvements-Series B	66,360	66,400
2016 18TH POI Road Improvements	187,000	189,000
2009 Hookup Financing Note-3/4" Meter	214,400	214,400
2009 Hookup Financing Note-1" Meter	15,600	15,600
TOTAL SIRWCD ONGOING PROGRAMS	\$ 5,583,000	\$ 4,798,800
NEW PROGRAMS		
2018 19TH POI Debt Assessments	139,675	
Capital Project- Workcenter Expansion	375,000	
TOTAL NEW PROGRAMS	\$ 514,675	\$ -
TOTAL ALL SIRWCD PROGRAMS	\$ 6,097,675	\$ 4,798,800
TOTAL ALL PROGRAMS	\$ 4,868,125	\$ 5,486,450

Typical Assessment per Unit

	Typical Acre	Nbr. Of Units	Typical Parcel Assessment 2018/2019	Typical Parcel Assessment 2017/2018	Increase (Decrease) (\$)	% Increase	% (Decrease)
RESIDENTIAL							
PBCE (Excluding Hookup Financing & Road Improvement Notes)	1.15	1,531	1,361	1,278	83	6.49%	
PBCE, No Road Maintenance	1.15	17	1,246	1,013	233	23.00%	
Egret Landing	0.25	666	76	37	39	105.41%	
Jupiter Farms (Excluding Road Improvement Notes)	1.25	4,550	461	318	143	44.97%	
Jupiter Farms, No Road Maintenance	1.25	558	308	143	165	115.38%	
ASSESSMENTS FOR SPECIAL PROJECT DEBT							
2004 Road Improvement Note Series C		70	574	574	-		0.00%
2007 OGEM Road Improvement Note- Series A		569	380	380	-		0.00%
2007 OGEM Road Improvement Note- Series B		46	330	330	-		0.00%
2007 OGEM Road Improvement Note- Series C		25	830	860	(30)		-3.49%
2009 Hookup Financing Note 3/4" Meter		536	400	400	-		0.00%
2009 Hookup Financing Note 1" Meter		15	988	988	-		0.00%
2011 16A POI Road Improvement Note		71	510	510	-		0.00%
2011 16B POI Road Improvement Note		168	873	873	-		0.00%
2013 17TH POI Road Improvements-Series A		11	1,150	1,150	-		0.00%
2013 17TH POI Road Improvements-Series B		57	1,180	1,180	-		0.00%
2016 18TH POI Road Improvements		165	1,150	1,160	(10)		-0.86%
2018 19TH POI Road Improvements- 50% Benefits		20	925		925		
2018 19TH POI Road Improvements- 150% Benefits		64	1,850		1,850		
2018 19TH POI Road Improvements- 100% Benefits		1	2,775		2,775		
TOJ Hookup Financing 3/4" Metter		170	362	362	-		0.00%
TOJ Hookup Financing 1" Meter		9	865	865	-		0.00%

Assessment Roll – Area Based

Assessment Unit Name	Acreage	Parcels	MAINTENANCE RATES					MAINT. RATES	DEBT SERVICE RATES	GRAND TOTAL
			Per Acre	Per Parcel						
			Water Control	Road Maint.	Park Maint.	Work-center Expansion	Total Per Parcel Assessment	Total Maint.	2015 PBCE Water Distribution System Bonds	
PBCE- Water Control, Road Maint	1,959	1,531	\$304	\$115	\$59	\$57	\$231	\$535	\$780	\$1,315
PBCE- Water Control, No Road Maint	18	17	\$304		\$59	\$57	\$116	\$420	\$780	\$1,200
Egret Landing	154	666	\$304				\$0	\$304		\$304
Jupiter Farms- Water Control, Road Maint	7,035	4,550	\$201	\$153		\$57	\$210	\$411		\$411
Jupiter Farms- Water Control, No Road Maint	1,819	558	\$201			\$57	\$57	\$258		\$258
Jup. Commerce Park	106	106	\$304				\$0	\$304		\$304

Assessment Roll – Project Based

Road Improvement Projects	Nbr of Parcels	Road Improvement Assessment Rate	Hookup Financing Assessment	Total
POI 11: 2004 Rd Imp Series C	70	574		574
POI 14: 2007 Rd Imp Series A	569	380		380
POI 15: 2007 Rd Imp Series B	46	330		330
POI 15: 2007 Rd Imp Series C	25	830		830
POI 16: 2011 Rd Imp Series 16A	71	510		510
POI 16: 2011 Rd Imp Series 16B	166	873		873
2013 17TH POI Road Improvements-Series A	11	1,150		1,150
2013 17TH POI Road Improvements-Series B	56	1,180		1,180
2016 18TH POI Road Improvements	161	1,150		1,150
2018 19TH POI Road Improvements- 50% Benefits	20	925		925
2018 19TH POI Road Improvements- 150% Benefits	64	1,850		1,850
2018 19TH POI Road Improvements- 100% Benefits	1	2,775		2,775

Hookup Financing Projects	Nbr of Parcels	Road Improvement Assessment Rate	Hookup Financing Assessment	Total
2009 Hookup Financing Note-3/4" Meter	536		400	
2009 Hookup Financing - 1" Meter	15		988	
TOJ Hookup Financing Program-3/4" Meter	170		362	
TOJ Hookup Financing Program- 1" Meter	9		865	



Item 5: Manager of Operations' Report



Presented by Mike Dillon
Manager of Operations

Item 6: Engineer's Report

Presented by Amy E. Eason, PE,
District Engineer



19th Plan of Improvements

Asphalt (±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 Ave. and 81st Court N.
- 159th Court N. between 78th Drive N. to 83rd Way N.
- 160th Street N. between 75th Ave. N. and 72th Drive N. and 75th Ave. and 72nd Drive N. from 160th Street N. to 160th Lane N.
- 175th Road N. between Jupiter Farms Road and West End

19th Plan of Improvement

- Approximately 2.3 miles
- Estimating \$470,000 per mile
- Approx. 95 assessable lots with 22 corner lots from a previous POI
- Total Estimated Project Costs = \$1,081,000

Bids Received

- 7 bids were received
- Bids ranged from \$858K to \$1.17M
- Low Bidder was \$858,054.45, which is under the
- Construction cost estimate of \$901,000
- Low Bidder is Rosso Site Development, Inc.
- Pre-Construction Meeting held June 21, 2018



Next Steps

- Construction started July 9, 2018
- Anticipated Final Completion – January 9, 2019

Proposed Plan of Improvements

- Began accepting petitions on February 1, 2018 for an Enhanced Stabilization Project
- Received one petition that meets the current policy
 - 74th Avenue N. between 150 Court N. and 154th Court N. for a District financed asphalt surface (approx. 0.4 miles)
 - 18 lots with 10 signatures (56%)
- Closed accepting petitions on April 30, 2018
- Preliminary Cost Estimate Completed
 - \$200,000
 - Assessment \$1,650 per parcel

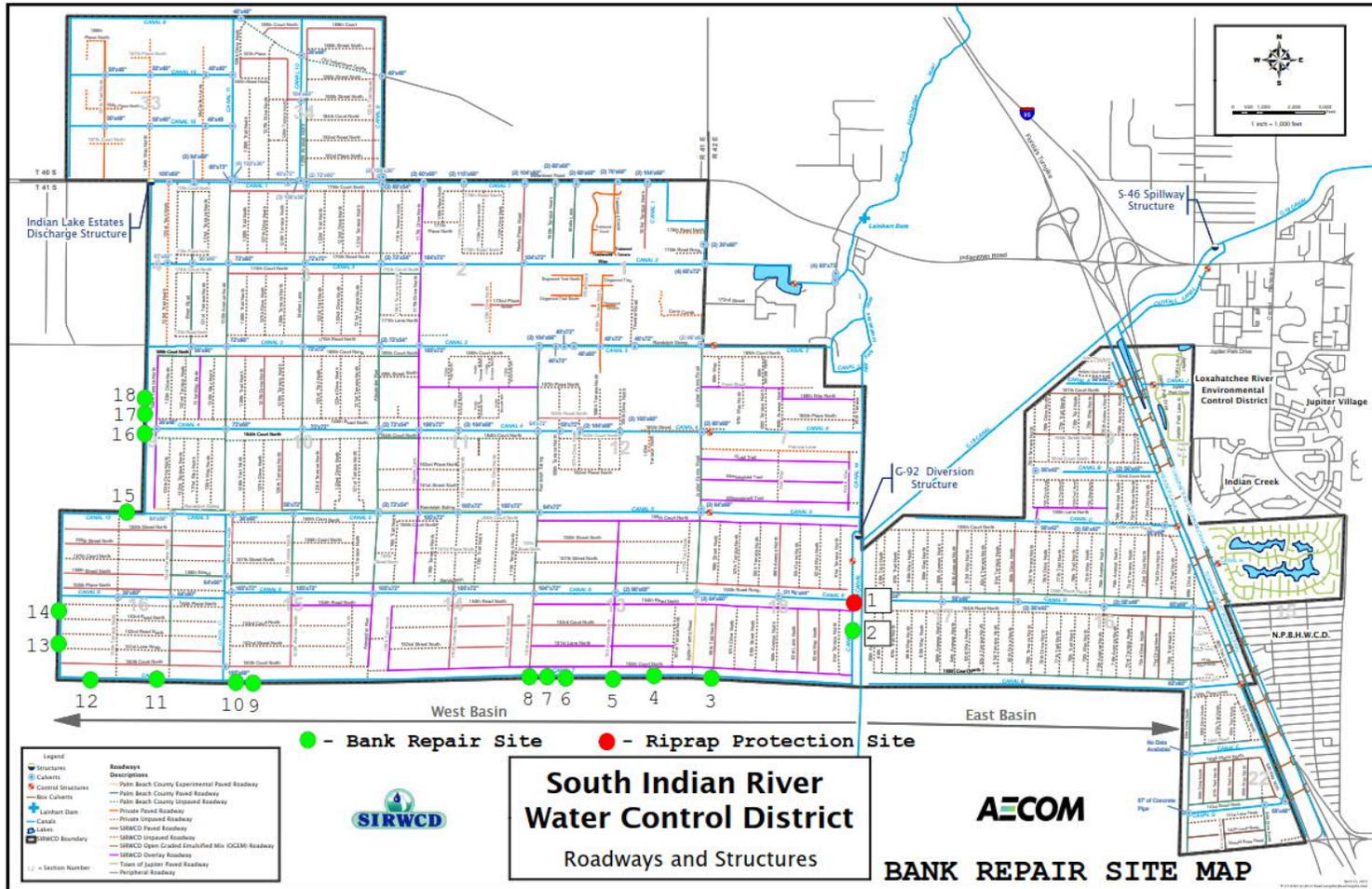
Next Steps

- Prepare Referendum

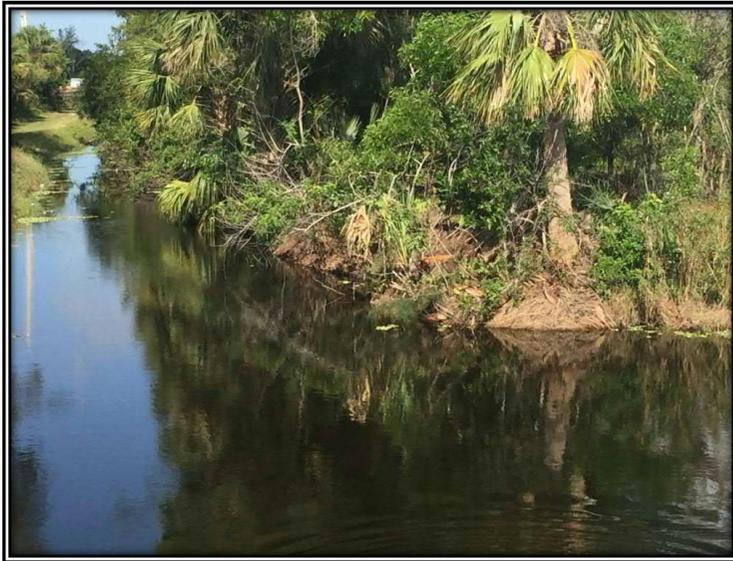


NRCS Funding

- Met with NRCS on additional funding for Irma on April 12, 2018



NRCS Funding



Site 1 – Rip Rap



Site 12 – Bank Repair Site

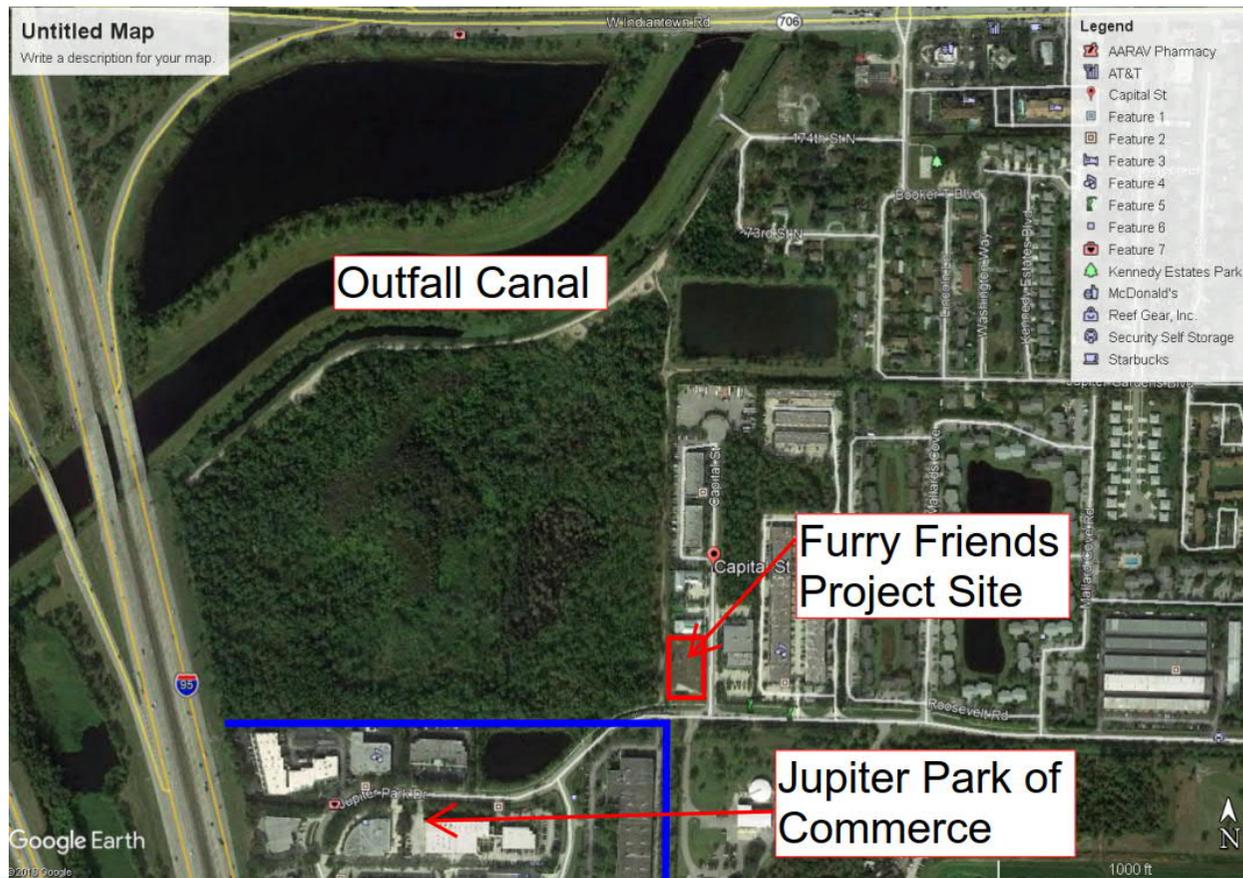
Grant Funding is 75% of Cost
Requested Funding Amount \$240,673.15

Status

- Executed Agreement on June 25, 2018
- Updating documents for construction (Anticipated to begin end of July)

A. Discussion of Offsite Dewatering Permit

- Received an email on June 29, 2018 from an engineer representing a landowner outside the District requesting a permit to dewater into a District Canal



A. Discussion of Offsite Dewatering Permit

- Per the Policy and Procedure Manual, “No one may use, construct, excavate or alter the works of the District or install any structure or equipment to enable the discharge of water, water withdrawal or other water use by anyone without receiving a permit from the District.”
- This property is outside the District Boundary
- Dewatering offsite is not a normal practice and must only be considered if the applicant can demonstrate that onsite retention is not technically feasible
- By allowing this activity, the District may be starting a precedent

A. Discussion of Offsite Dewatering Permit Allowing this Practice

- Will not interfere with the construction, alteration, operation, or maintenance of the works of the District; and,
- Is not inconsistent with the overall objectives of the Plan of Reclamation; and,
- Will not otherwise be harmful to the works of the District, and will not interfere with the legal rights of others; and,
- Will be operated and maintained in a manner acceptable to the District.



Item 7: Attorney's Report



Presented by
William G. Capko and Terry E. Lewis,
District Attorneys

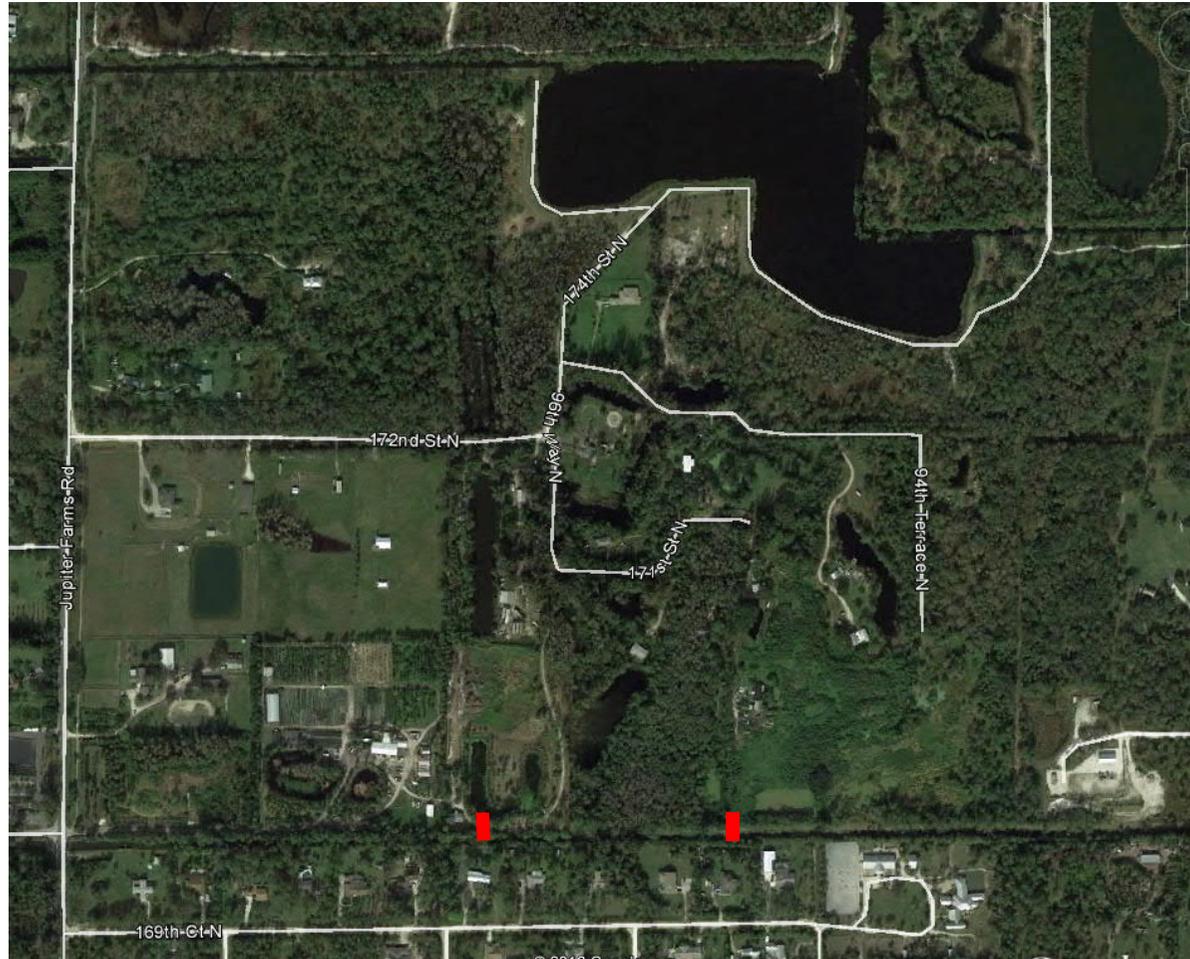


Item 8: Old Business



Item 9: New Business

A. Discussion Regarding Section 6



Item 10: Landowners' Items

Landowners may provide comment to the Board at this time.

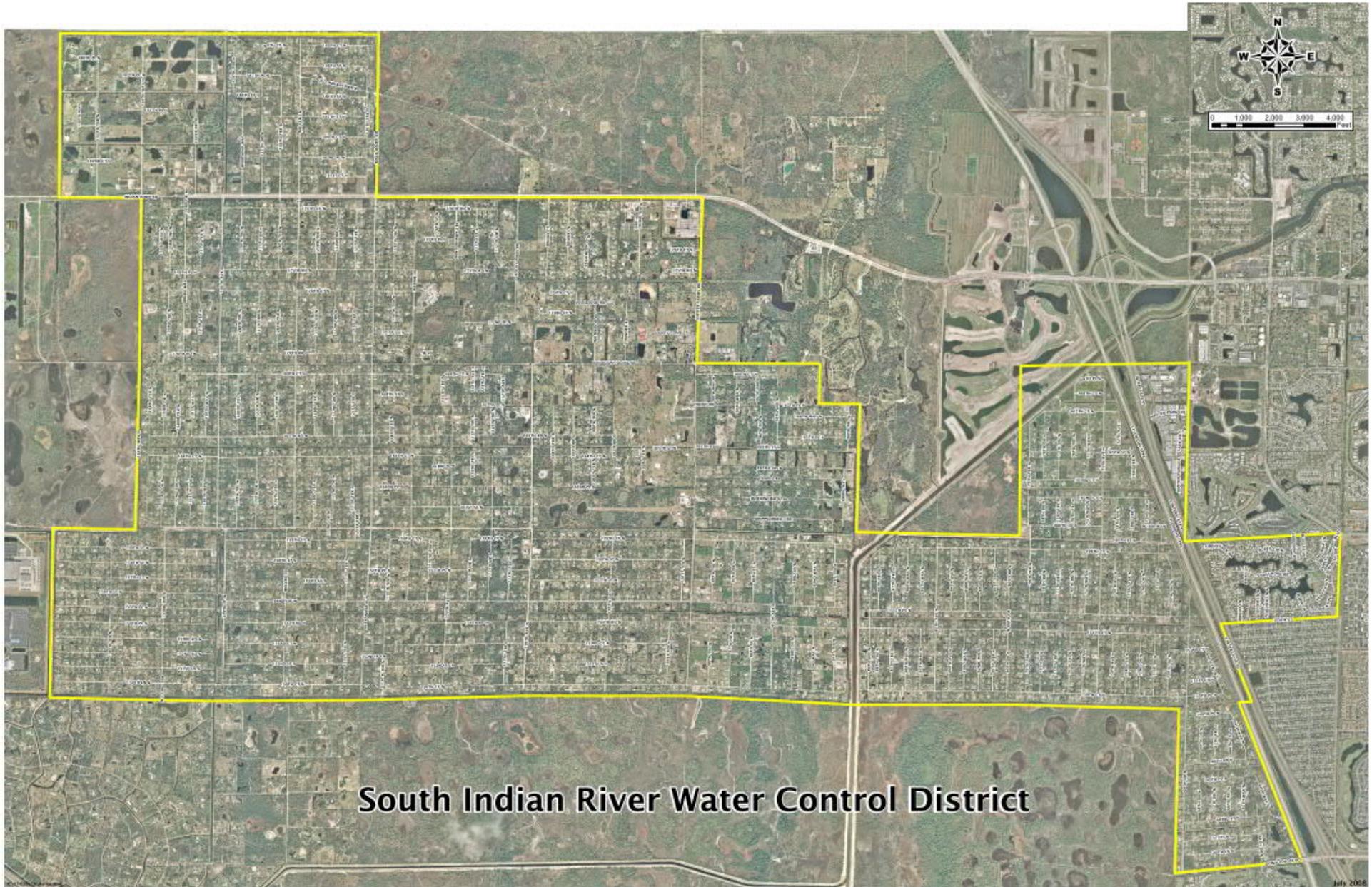
Public Comment

Board Discussion



Item 11: Adjourn





South Indian River Water Control District

July 2008



South Indian River Water Control District™

Established 1923

BUDGET HEARING AND BOARD OF SUPERVISORS MEETING

August 16, 2018 – 7:00 p.m.
Jupiter High School – Media Room
500 N. Military Trail, Jupiter, FL 33458

BUDGET HEARING AGENDA

1. Pledge of Allegiance
2. Presentation of Budget
3. Comments from Landowners
4. Adjourn

BOARD MEETING AGENDA

1. Consent Agenda
 - A. Approval of Minutes of Previous Meeting
 - B. Approval of Warrant List
2. Public Information Report
3. Treasurer's Report
 - A. Consideration of Adoption of a Resolution Adopting the 2018-19 Budget
 - B. Election of the Uniform Method of Collection of Non Ad Valorem Assessments for the Fiscal Year 2018-2019.
4. Manager of Operations Report
5. Engineer's Report
6. Attorney's Report
7. Old business
8. New Business
9. Landowners' Items
10. Adjourn

ATTENTION AUDIENCE

- Tonight's meeting is a **BUDGET HEARING** and then a **BOARD MEETING**.
- The items for discussion are numbered on the **AGENDA**.
- If you would like to comment on any of the items,
PLEASE FILL OUT A COMMENT CARD AND CIRCLE THE ITEM IN WHICH YOU WOULD LIKE TO COMMENT ON.
- **PUBLIC COMMENT** will be taken after the Board discussion on items that require **BOARD ACTION**.
- The President will determine the time allowed to speak based on the amount of comment cards received.
- The meeting can not extend past **8:40 pm**. We must be off the school campus by **9:00 pm**.
- **Thank you for your patience!**

Item 1: Pledge of Allegiance

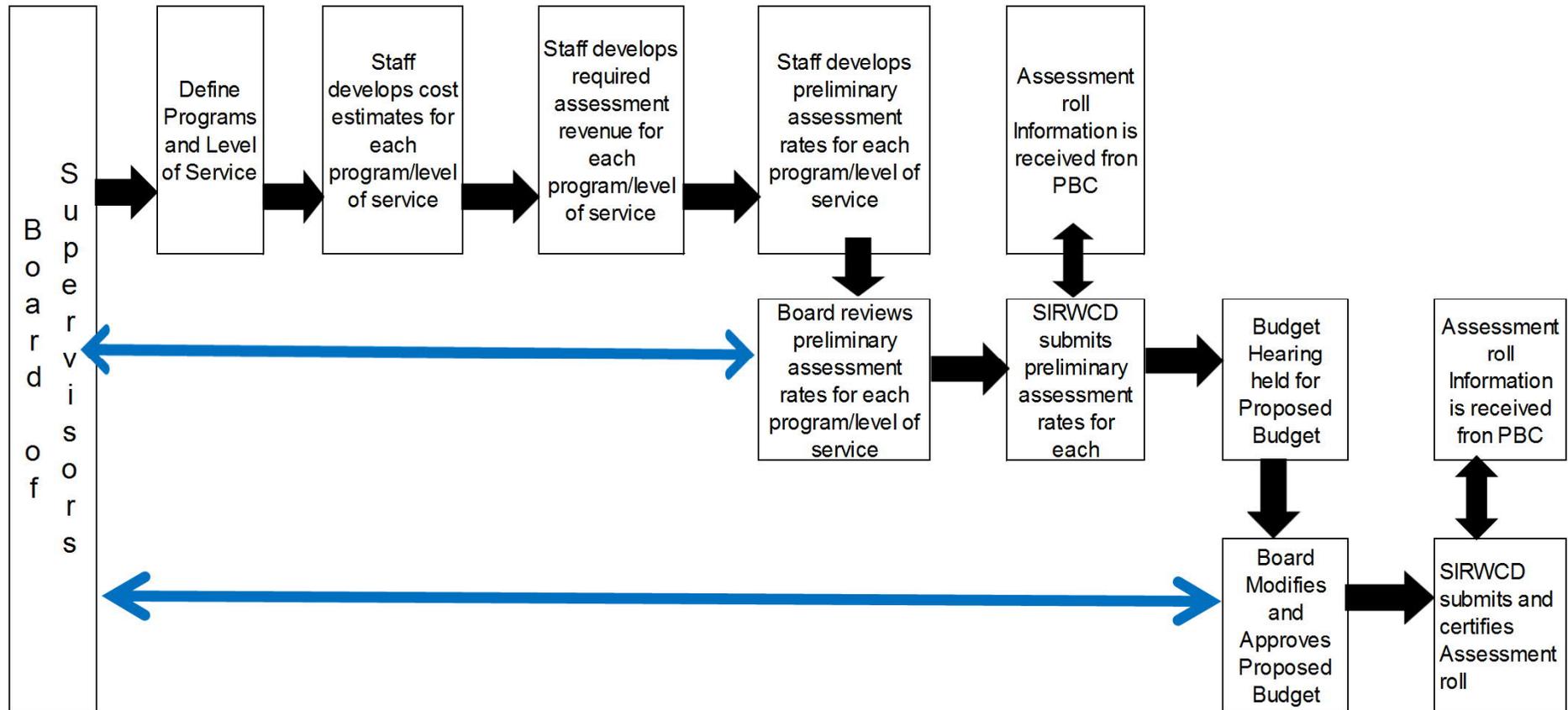


South Indian River Water Control District Public Hearing for the 2018/2019 Budget



August 16, 2018

Item 2: Budget Process Illustrated



Item 2: Initiatives

Enhanced initiatives:

Driveway Culvert Replacement Program (PBCE & JF)

Outfall Clearing

Detailed Section Review (JF)

New initiatives

Workcenter Expansion (all parcels equally)

Modeling (JF)

Item 2: 2018/2019 Proposed Budget Expenditures

DESCRIPTION	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
Current:		
Water control	\$ 1,852,809	\$ 1,148,482
Road maintenance	1,004,591	1,203,018
Park maintenance	20,600	24,600
Capital outlay:		
Road improvements	-	150,000
Equipment	-	79,000
Workcenter expansion	400,000	-
Debt service:		
Interest	598,207	593,846
Principal	1,521,254	1,395,900
Other	131,272	110,250
Total Expenditures	\$ 5,528,733	\$ 4,705,096

Item 2: 2018/2019 Proposed Budget Revenues

DESCRIPTION	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
Revenue		
Assessments	\$ 6,188,375	\$ 4,867,800
Less discounts	(247,540)	(194,900)
Intergovernmental revenue	37,000	35,800
Investment earnings	2,834	3,530
Driveway culverts fees	175,200	-
Rental Income	24,000	36,000
Other revenue	10,000	-
Total Revenue	\$ 6,189,869	\$ 4,748,230

Item 2: Summary of Budgeted Assessments

	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
ONGOING PROGRAMS		
MAINTENANCE PROGRAMS:		
Operations		
Water Control		
East Basin	\$ 680,000	\$ 330,000
West Basin	1,775,000	1,003,800
Road Maintenance		
PBCE	175,000	405,000
Jupiter Farms	695,000	795,000
PBCE Park-Maintenance	91,000	96,000
Total Ongoing Maintenance Assessments	\$ 3,416,000	\$ 2,629,800
NEW PROGRAMS		
Capital Project- Workcenter Expansion	375,000	
Total Maintenance Assessments	\$ 3,791,000	\$ 2,629,800

Item 2: Summary of Budgeted Assessments Continued

	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
Debt Service		
2015 PBCE Water Distribution System Bonds	\$ 1,200,000	\$ 1,200,000
2004 Road Improvement Note Series C	40,000	40,000
2007 Road Improvement Note- Series A	214,500	214,500
2007 Road Improvement Note- Series B	14,750	14,750
2007 Road Improvement Note- Series C	20,750	20,750
2011 16A POI Road Improvement Note	36,200	36,200
2011 16B POI Road Improvement Note	144,800	144,800
2013 17TH POI Road Improvements-Series A	12,640	12,600
2013 17TH POI Road Improvements-Series B	66,360	66,400
2016 18TH POI Road Improvements	187,000	189,000
2009 Hookup Financing Note-3/4" Meter	214,400	214,400
2009 Hookup Financing Note-1" Meter	15,600	15,600
Total Continuing Debt Service Assessments	\$ 2,167,000	\$ 2,169,000
NEW PROGRAMS		
2018 19th POI Debt Assessments	139,675	
Total Debt Service Assessments	\$ 2,306,675	\$ 2,169,000

Item 2: Summary of Budgeted Assessments Continued

	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
Total Maintenance Assessments	\$ 3,791,000	\$ 2,629,800
Total Debt Service Assessments	2,306,675	2,169,000
TOTAL ALL SIRWCD PROGRAMS	\$ 6,097,675	\$ 4,798,800
TOJ Hookup Financing	90,700	69,000
TOTAL ALL PROGRAMS	\$ 6,188,375	\$ 4,867,800

Item 2: Typical Maintenance Assessment by Area

Program/Initiative	2018/2019			2017/2018		
	PBCE	Egret & JPC	Jup. Farms	PBCE	Egret	Jup. Farms
Per Acre assessments	304	304	202	148	148	114
Impact of:						
Driveway Culvert Program (not including labor)	3		4			
Outfall Clearing Initiative	38		3			
Detailed Section Engineering	-		12			
Modeling	-		6			
Fund Balance Replenishment	35		16			
WC O&M	228	304	161	148	148	114
Per Parcel assessments	231		210	328		175
Driveway Culvert Program (not including labor)	4		7			
Workcenter Expansion	57		57			
PBCE Park	59			63		
RM O&M	111	0	146	265	0	175

Item 2: Typical Assessment by Unit

	Typical Parcel Assessment (\$) 2018/2019	Typical Parcel Assessment (\$) 2017/2018	Increase (Decrease) (\$)	% Change
<u>RESIDENTIAL</u>				
PBCE (Excluding Hookup Financing & Road Improvement Notes)	1,361	1,278	83	6.49%
PBCE, No Road Maintenance	1,246	1,013	233	23.00%
Egret Landing	76	37	39	105.41%
Jupiter Farms (Excluding Road Improvement Notes)	463	318	143	45.60%
Jupiter Farms, No Road Maintenance	308	143	165	115.38%
<u>CHANGED ASSESSMENTS FOR SPECIAL PROJECT DEBT</u>				
2007 OGEM Road Improvement Note- Series C	830	860	(30)	-3.49%
2016 18TH POI Road Improvements	1,150	1,160	(10)	-0.86%
2018 19TH POI Road Improvements- 50% Benefits	925		925	
2018 19TH POI Road Improvements- 100% Benefits	1,850		1,850	
2018 19TH POI Road Improvements- 150% Benefits	2,775		2,775	

Item 2: Typical Assessment by Unit (continued)

Assessment rates disaggregated (\$ per lot)	PBCE	Egret	Jup. Farms
Proposed budget typical assessment	1,361	76	463
Prior Years typical assessment	(1,278)	(37)	(318)
Net increase	83	39	145
Attributable to:			
Driveway Culvert Program (not including labor)	8	-	11
Workcenter Expansion	57	-	57
Outfall Clearing Initiative	44	-	4
Detailed Section Engineering	-	-	15
Modeling	-	-	8
Fund Balance Replenishment	40	-	20
WC O&M	92	39	59
RM O&M	(154)	-	(29)
PBCE Park	(4)	-	-
	83	39	145

Item 3: Comments from Landowners

Landowners may provide comment to the Board at this time.

Public Comment

Board Discussion



Item 4: Adjourn

Motion to Adjourn?





**DICK GRUENWALD
ASSOCIATES, LLC**

**TO: Board of Supervisors
SOUTH INDIAN RIVER WATER CONTROL DISTRICT**

**FROM: Dick Gruenwald Associates
DISTRICT PUBLIC INFORMATION SPECIALISTS**

SUBJECT: Monthly Report- Aug. 2018

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

- ❖ Monthly Meeting/Budget Hearing (*Aug. 16*) release

The following items were updated or added to the website:

- ❖ Monthly meeting/Budget Hearing (*May 17*) minutes
- ❖ Meeting updates
- ❖ 19th Plan of Improvement updates
- ❖ Aug. Meeting agenda and staff reports

Attended Monthly Meeting (*July 11*) and Staff Meeting (*Aug. 6*).

The August newsletter has been mailed to all landowners and includes updates on the 19th Plan of Improvements, Presentation of Certified District Manager Program certificate to Mr. Dillon, Board of Supervisor election, NPDES information and Annual Budget Hearing and Annual Landowners Meeting.

We have been working with Mr. Meyer on the ADA issue. As the existing website, which has not been updated for several years and cannot be made to meet ADA compliance, we have interviewed numerous website developers. We found many who did not have expertise in creating these sites but did find a couple who would guarantee a compliant site and hosting platform. In order to work within the current budget, and to keep costs down, we would reduce repetitive and unnecessary pages and simplify content where applicable or where elements cause potential issues. Since all copy and files would be supplied, it allows us to create the compliant site within budget limitations.

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.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of August 2018
CC: Staff
Date: August 16, 2018

Routine Business

1. The District received a total of \$5,357,347 in current assessments receipts from the Palm Beach County Tax Collector through July 31, 2018.
2. There will be a public hearing on the budget. The Proposed Budget is undergoing final review and is expected to be sent to the Board on Monday. As detailed in the Budget Memo (included) there are minor changes from the Preliminary Budget presented at the July meeting. Specifically some assessment rates as a result of updated information on the Assessment Roll for the TRIM Bill notifications.(see paragraphs 17 and 21 for these changes) Additionally the Town of Jupiter provided us with an updated listing of the parcels to be assessed in our cooperative Hook UP Financing Program.
3. 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 10/01/2017 to 7/31/2018

All Governmental Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,426,595	4,554,817	128,222
Investment Income	2,516	4,601	2,085
Other Income	12,000	101,801	89,801
Total Revenue:	<u>4,442,861</u>	<u>4,664,277</u>	<u>221,416</u>
Expenditures:			
Contracted Services	472,950	485,221	(12,271)
Operating Expense	1,717,850	1,636,171	81,679
Office & Landowner Expense	290	332	(42)
Capital Outlay	150,000	210,521	(60,521)
Principal Paid	1,322,701	602,700	720,001
Interest Paid	584,613	421,118	163,495
Other Debt Service	89,300	20,963	68,337
Total Expenditures:	<u>4,337,704</u>	<u>3,377,026</u>	<u>960,678</u>
Transfers, Financing & Capital Outlays			
Transfers in	(285,250)	(285,250)	-
Transfers out	85,250	85,250	-
Other Financing Sources- Landowner Prepayments	-	(73,425)	(73,425)
Debt Proceeds	-	(1,081,425)	(1,081,425)
Total Transfers, Financing & Capital Outlays	<u>(200,000)</u>	<u>(1,354,850)</u>	<u>(1,154,850)</u>
Total Expenditures & Other Financing	<u>4,137,704</u>	<u>2,022,176</u>	<u>2,115,528</u>
Excess (Deficit) Revenues over (under) Expenditures and Other Financing Sources (Uses)	<u>305,157</u>	<u>2,642,101</u>	<u>(2,336,944)</u>
Beginning Fund Balance		<u>3,285,417</u>	
Ending Fund Balance		<u>5,927,518</u>	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2017 to 7/31/2018

Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,502,600	2,322,260	(180,340)
Investment Income	1,750	3,058	32,911
Other Income	12,000	44,911	(146,121)
Total Revenue:	2,518,100	2,373,287	(292,242)
Expenditures:			
Contracted Services	472,950	485,221	(12,271)
Operating Expense	1,717,850	1,636,171	81,679
Office & Landowner Expense	290	332	(42)
Total Expenditures:	2,191,090	2,121,724	69,366
Transfers, Financing & Capital Outlays			
Transfers out	85,250	85,250	-
Total Transfers, Financing & Capital Outlays	85,250	85,250	-
Total Expenditures & Other Financing	2,276,340	2,206,974	69,366
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)	241,760	166,313	(222,876)
Beginning Fund Balance		1,224,908	
Ending Fund Balance		1,391,221	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 7/31/2018

Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,923,995	2,232,557	308,562
Investment Income	166	1,101	935
Other Income	-	56,890	56,890
Total Revenue:	1,924,161	2,290,548	366,387
Expenditures:			
Principal Paid	1,322,701	602,700	720,001
Interest Paid	584,613	421,118	163,495
Other Debt Service	89,300	20,963	68,337
Total Expenditures:	1,996,614	1,044,781	951,833
Transfers, Financing & Capital Outlays			
Other Financing Sources- Landowner Prepayments	-	(73,425)	
Total Expenditures & Other Financing	1,996,614	971,356	951,833
Excess (Deficit) Revenues over (under) Expenditures & Other Financing Sources (Uses)			
	(72,453)	1,319,192	(585,446)
Beginning Fund Balance			
		1,252,435	
Ending Fund Balance			
		2,571,627	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 7/31/2018

Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	600	442	(158)
Total Revenue:	600	442	(158)
Expenditures:			
Capital Outlay	150,000	210,521	(60,521)
Total Expenditures:	150,000	210,521	(60,521)
Transfers, Financing & Capital Outlays			
Transfers in	(285,250)	(285,250)	-
Debt Proceeds	-	(1,081,425)	(1,081,425)
Total Transfers, Financing & Capital Outlays	(285,250)	(1,366,675)	(1,081,425)
Total Expenditures & Other Financing	(135,250)	(1,156,154)	(1,141,946)
Excess (Deficit) Revenues over (under) Expenditures	135,850	1,156,596	1,141,788
Beginning Fund Balance		808,074	
Ending Fund Balance		1,964,670	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2017 to 7/31/2018

*Internal Service (Maintenance) Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
<hr/>			
Revenue:			
Charges for Services	1,652,500	1,542,678	(109,822)
Rents & Contracted Service	54,000	47,805	(6,195)
Investment Income	-	(30)	(30)
Other Income	-	10,742	10,742
Total Revenue:	<u>1,706,500</u>	<u>1,601,195</u>	<u>(105,305)</u>
Expenditures:			
Personal Services	909,450	830,761	78,689
Contracted Services	143,800	124,554	19,246
Operating Expense	300,100	246,490	53,610
Office & Landowner Expense	31,050	20,835	10,215
Insurance	41,200	33,962	7,238
Total Expenditures:	<u>1,425,600</u>	<u>1,256,602</u>	<u>168,998</u>
Transfers out	<u>380,000</u>	<u>315,000</u>	<u>65,000</u>
Total Transfers, Financing & Capital Outlays	<u>380,000</u>	<u>315,000</u>	<u>65,000</u>
Total Expenditures & Other Financing	<u>1,805,600</u>	<u>1,571,602</u>	<u>233,998</u>
Excess (Deficit) Revenues over (under) Expenditures & Transfers	<u>(99,100)</u>	<u>29,593</u>	<u>(339,303)</u>
Beginning Fund Balance		<u>1,074,842</u>	
Ending Fund Balance		<u>1,104,435</u>	



To: Board of Supervisors
FROM: Charles F. Haas, District Treasurer
RE: **Proposed Budget**
CC: Staff

Date: August 16, 2018

Current Year Discussion

- 1 The Board of Supervisors focus on drainage issues is reflected in the estimated expenditures for the current year and more so in the Proposed Budget.
- 2 The success of the Driveway Culvert Replacement program coupled with the PBCE Outfall clearing initiative in PBCE, the pilot project in Section 7 for the Detailed Section Review in Jupiter farms has put a strain on both the East Basin and West Basin Water Control Budgets
- 3 Preparatory to the creation of a Proposed Budget a thorough review of all of the funds was conducted with input from the MOP, his staff and engineering. The overall estimate of the O&M funds is estimated to be under budget by about \$105,000.
- 4 The current estimates of the two water control budgets is that by September 30th expenditures will exceed available revenues and fund balances by \$80,000 and \$140,000 for the East and West Basin funds, respectively.
- 5 While the water control funds are estimated to be over budget, the two road maintenance budgets are trending well below budget. In fact after the current years estimated expenditures the PBCE Road Maintenance Fund and the Jupiter Farms Road Maintenance Fund are expected to have net revenue and fund balance totaling \$552,000 and \$697,000 respectively
- 6 Since the constituency of these funds is different, a direct transfer from the PBCE RM budget to the East Basin WC Budget and a transfer from the JF Road Maintenance Fund to the West Basin WC fund should not be done. However, we can accomplish the same result by temporarily "loaning" the funds in the current year and repaying the funds in the subsequent year. To rebalance the funds, the ensuing year (2018/19) assessments will be need to be increased in the water control funds and decreased in the road maintenance funds
- 7 The rebalancing of these funds has little effect on those parcels which pay both water control and road maintenance assessments (approximately 6,120 of 7,427 parcels). The balance of the parcels which do not incur a road maintenance assessment will see the full increase in the WC rate while not enjoying the decrease in the RM rate. This will impact 747 parcels in the Egret Landing and JPC communities and 558 parcels in Jupiter Farms.

Proposed 2018/19 Budget Discussion

1

The 2018/19 Proposed Budget seeks to adequately fund the efforts of the District on functions that the Board of Supervisors (BOS) has expressed their desire for increased focus.

2

Specifically, the Proposed Budget has significant increases in those funds (and concomitant assessments) for Water Control services, while decreasing the investment in Road Maintenance services.

3

For the majority of parcels that are assessed for both Water Control and Road Maintenance services the refocus of funding will be substantially offset (approximately 6,120 of 7,427 parcels). However, the balance of approximately of 1,305 parcels (747 parcels In the Egret Landing and JPC communities and 558 parcels in Jupiter Farms) that are not assessed for Road Maintenance will see the full increase in the WC rate while not enjoying the decrease in the RM rate.

4

In addition to the refocus of the O& M budget the Proposed Budget presents new project/ initiatives as well as enhances initiatives as enumerated below.

Enhanced initiatives:

Driveway Culvert Replacement Program

5

The Driveway Culvert Replacement program began late in FY 2016/17. It has increased in popularity, such that in the latter part of the current fiscal year, a new crew and new equipment have been dedicated to it. With this crew, we expect a rate of replacement installs to rise to an average of 10 per week from the current 4 per week.

PBCE Outfall Clearing

6

The Outfall Clearing initiative began late in FY 2016/17. With the addition of new equipment and the use of subcontractors, SIRWCD has aggressively been enhancing the capacity of the drainage system in the District. This item is listed under special projects (\$75,000 for PBCE and \$25,000 for JF).

Detailed Section Review

7

This initiative was started in 2017/18 with the instruction to the District Engineer to perform a detailed analysis of the drainage characteristics of a selected section (Section 7) in the Jupiter Farms community. Depending upon the BOS's determination of the merits of this initiative, it may or may not be continued into the next fiscal year. The Proposed budget assumes the continuation of this effort in the 2018/19 budget year for two more sections at a cost of \$50,000 per section. This item only affects the Jupiter Farms community.

New initiatives

Workcenter Expansion

8

SIRWCD has been on an aggressive effort to modernize and tailor its equipment to meet its future needs. The existing workcenter, constructed in 1983 is not currently adequate to protect the District's investment in this equipment nor is it adequate in fulfilling the Board and Staff's requirement for meetings and landowner support. The Proposed Budget includes an expenditure line item of \$400,000 for Workcenter Expansion.

9

The cost of this project would be equally shared by all parcels within the District with a one-time charge of \$57 per parcel. However since funds have been accumulated for Egret Landing and JPC which are being held in reserve with no immediate need, it makes sense to transfer the prorated obligation of these communities, thus obviating the need to assess individual parcels. Under this scenario while every parcel would contribute to the cost of this project, only Jupiter Farms and PBCE would be assessed for it.

The District Engineer has presented to the Board the need to construct certain models of Water Quality/ Quantity parameters to provide a scientific basis of the District's position in future discussion with regulatory bodies. The Proposed Budget includes a special project item of \$50,000. This item only impacts the Jupiter Farm community.

Ongoing Operations

The O&M budgeted expenses are scheduled to increase a total of \$215,200. Of this amount \$153,600 is for personal services to fund the full year of the recently hired employees. The balance of \$51,600 and \$10,000 is to fund increases in operating expenses and the transfer to the Equipment R&R fund, respectively.

Following the procedure adopted by the Board, this budget contains a provision for review of the compensation package of the Manager of Operations. The budget includes an increase in his compensation in the same amount and composition adopted three years. Specifically, the budget calls for a bonus of \$7,500 to be paid prior to September 30, 2018 and a salary increase for \$2,500 effective October 1, 2018.

The assessments necessary to fund O&M and the other costs of the various operations programs is presented below. A full listing of all of the assessments can be found on Page 1 of the Proposed Budget.

	PROPOSED BUDGET 2018/2019	CURRENT BUDGET 2017/2018
SIRWCD ONGOING PROGRAMS:		
Operations		
Water Control		
East Side -Maintenance	680,000	\$ 330,000
West Side-Maintenance	1,775,000	1,003,800
Road Maintenance		
PBCE	175,000	405,000
Jupiter Farms	695,000	795,000
PBCE Park-Maintenance	91,000	96,000

The assessments for debt service which have been trending down over the past few years is increase this coming year to reflect the new assessment for the 19 POI. This new assessment of \$139,675 accounts for all of the increased assessments in the Debt Service Funds. All of the other assessments for debt service are the same or less than the 2017/18 budget. Note that the Hookup Program budgeted assessments has increased. This increase is due to landowners who are taking advantage of the TOJ Financing program and do not affect the assessments who are under SIRWCD's financing. We have also updated the required assessment for the TOJ Program reflecting the submittal received from the Town which wasn't available for the Preliminary Budget.

Assessment Rate Analysis

The following table are the rates presented in the 2018/19 budget for the various programs compared with the rates used in the current year. A listing of all of the rates can be found on Page 3 of the Proposed Budget.

2018/19 PROPOSED BUDGET	2018/2019	PRIOR	AMOUNT
SUMMARY OF REQUIRED ASSESSMENTS	RATE	YEAR	INCREASE
		RATE	(DECREASE)
<u>SPECIAL REVENUE FUNDS</u>			
WATER CONTROL - EAST	304	148	156
ROAD MAINTENANCE - PBCE	115	265	(150)
PARK MAINTENANCE-PBCE	59	63	(4)
WATER CONTROL - WEST	202	114	88
ROAD MAINTENANCE - JF	153	175	(22)

Please note that the proposed rate for Water Control in the west basin has been increased over the Preliminary Budget rate by \$1 per acre. This change was necessitated when we were able to calculate the current assessable acreage in that basin.

The following table lists the typical total assessment for lots that are receiving water control and road maintenance services in PBCE and Jupiter Farms and water control services in Egret Landing. The calculation of total assessments for all typical parcels can be found on Page 2 of the Proposed Budget.

	Typical Parcel Assessment (\$) 2018/2019	Typical Parcel Assessment (\$) 2017/2018	Increase (Decrease) (\$)	% Increase
RESIDENTIAL				
PBCE (Excluding Hookup Financing & Road Improvement Notes)	1,361	1,278	83	6.49%
PBCE, No Road Maintenance	1,246	1,013	233	23.00%
Egret Landing	76	37	39	105.41%
Jupiter Farms (Excluding Road Improvement Notes)	463	318	145	45.60%
Jupiter Farms, No Road Maintenance	310	143	167	116.78%

The following table disaggregates the total rate increase listed above for the PBCE, Egret Landing and Jupiter Farms communities. This disaggregation lists the impact of new and enhanced initiatives on the over-all rate.

Assessment rates disaggregated (\$ per lot)	PBCE	Egret	Jup. Farms
Proposed budget typical assessment	1,361	76	463
Prior Years typical assessment	(1,278)	(37)	(318)
Net increase	83	39	145
Attributable to:			
Driveway Culvert Program (not including labor)	8	-	11
Workcenter Expansion	57	-	57
Outfall Clearing Initiative	44	-	4
Detailed Section Engineering	-	-	15
Modeling	-	-	8
Fund Balance Replenishment	40	-	20
WC O&M	92	39	59
RM O&M	(154)	-	(29)
PBCE Park	(4)	-	-
	83	39	145

Please note that an additional line has been added to this table reflecting the impact of the investment in restoring the fund balances in the Water Control Budgets. In the Preliminary Budget presentation this item was included in the Water Control O&M rate and not separately identified.



South Indian River Water Control District™

Established 1923

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for July 7, 2018 through August 10, 2018
DATE: August 10, 2018

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 Staff meeting.
4. Received \$2,645 for monthly Verizon cell tower lease.
5. Attended Loxahatchee River Management Coordinating Council meeting.
6. Attended Safety Council Board meeting.
7. Rosso begins Construction for 19th Plan of Improvements.
8. Meetings with Contractors to discuss construction of new shop facility.
9. Meetings with FEMA to review projects.
10. Reviewed and updated NPDES Report for 2018-2019.
11. Working with District Engineer on Section 7 Survey.
12. Operators Steve Sears and Vu Nguyen pass the Under Ground Storage Tank, Class C Operator Training.

A Florida Special District

15600 Jupiter Farms Road • Jupiter, Florida 33478-9399 • (561) 747-0550 • Fax (561) 747-9182

www.sirwcd.org • sirwcd@sirwcd.org

MEMORANDUM

To: Board of Supervisors

Date: August 10, 2018

Page 2

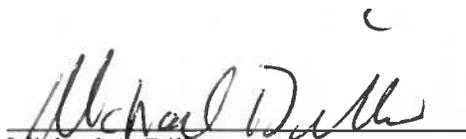
13. Phone conversations with NRCS to review application for canal bank restoration.
14. Discussions with Rinker Material on storing concrete box culvert for 175th and Jupiter Farms Rd at their facility.

WATER CONTROL

1. Received 8.69 inches of rain this reporting period.
2. District crews inspected two driveway culverts, prepped swales for two culvert installs, and installed 30 driveway culverts.
3. Terra Tech continues canal spraying for aquatic weed control.
4. Drainage outfalls and swales continue to be re-contoured throughout the District.

ROAD MAINTENANCE.

1. Lake Point Restoration hauled 529 tons of shellrock to District yard.
2. District crews resurfacing roads in Palm Beach Country Estates.



Michael A. Dillon
Manager of Operations



Memorandum

AECOM
2090 Palm Beach Lakes Blvd
Suite 600
West Palm Beach, FL 33409
www.aecom.com

561 684 3375 tel
561 689 8531 fax

To South Indian River Water Control District (SIRWCD)
Board of Supervisors Pages 4

CC

Subject Engineer's Report for August

From Amy E. Eason, PE, District Engineer

Board Meeting
Date August 16, 2018

The following is a summary of activities and communications that were of significance during the month of August. 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 pre-



construction meeting was held on June 21, 2018. **Project construction started on July 9, 2018 and staff is prepared to update the Board at this month's meeting.**

- B. On February 22, 2018, the District received a petition for an enhanced stabilization project. The petition was verified to meet the over 50% requirement to submit for a petition and to process for referendum. Pursuant to Board direction after petitioners met the minimum requirements, staff prepared a preliminary cost estimate for the purpose of preparing a referendum for approximately 0.4 miles of roadway on the following section of road:

- 74th Avenue N. between 150 Court N. and 154th Court N. for asphalt

Referendum has been prepared and is ready to be submitted to the Supervisor of Election. Staff is prepared to update the board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. **No meeting was held this month for the National Pollutant Discharge Elimination System (NPDES) Steering Committee. Their next meeting is scheduled for September 19, 2018.**
- B. 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.

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. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- C. 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.

The group's next meeting will be held August 16, 2018. Staff will continue to participate in meetings and committees on this subject and will update the Board as items occur.

- D. At the October 19, 2017 board meeting, the Board brought up their concern with the filling of residential lots within the District and Palm Beach County's role in regulating the filling of lots. As a result, staff was asked to research the issue to determine Palm Beach County's existing roll and determine the District's next step in addressing the issue. Staff has examined existing County regulations and has discussed the issue with County staff. Staff met with the County staff on November 29, 2017, a day before the last meeting, to discuss current policies and options for developing an ordinance to address the issue. As discussed at the November board meeting, the County is proposing a fill permit process to aid in regulating filling of lots. On March 22, 2018, Palm Beach County provided staff with a draft permit policy and procedure manual concerning this issue. Staff has reviewed the item and has

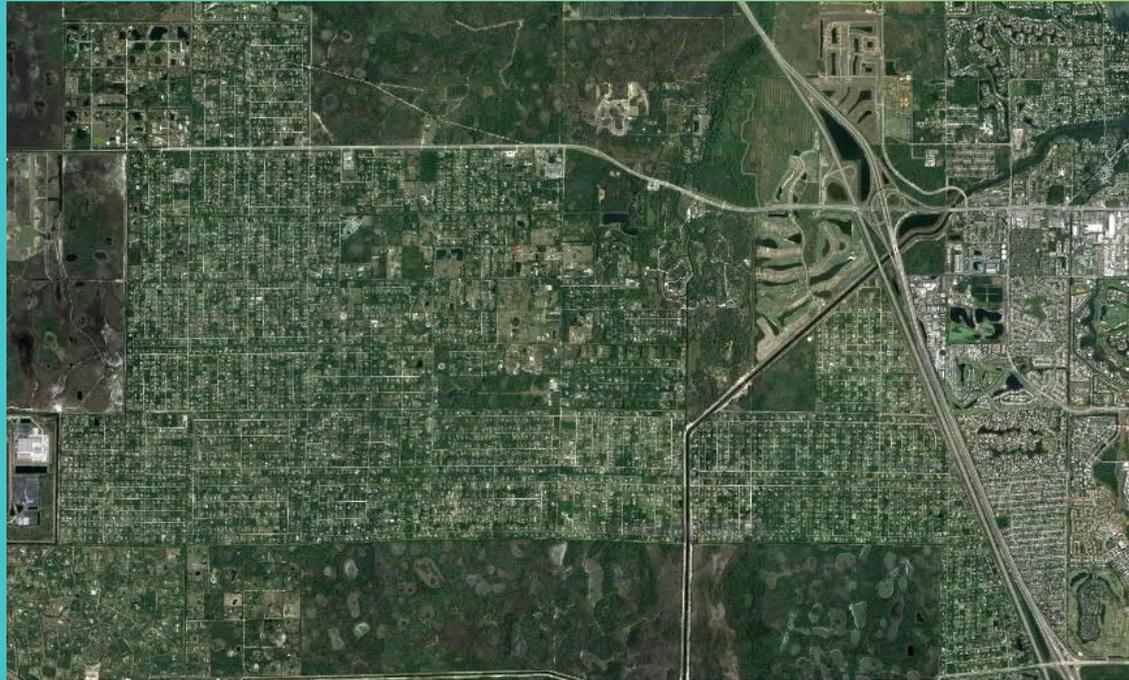


been in contact with the County to discuss progress. On May 11, 2018, staff met with County staff to discuss comments to the policy. **Staff has not received an update since the last meeting.**

- 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 has received approval of the construction documents and is preparing the executed documents to be submitted prior to construction. Construction is anticipated to start at the end of August.** Staff is prepared to update the Board at this month's meeting.
- 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. Currently, the survey field work is almost complete and the office work will begin this month on the survey. Staff has prepared a Loxahatchee River Preservation Initiative application for Fiscal Year 2020 funding to be submitted on August 20, 2018. This application will be based on a concept design for submittal.** Staff is prepared to update the Board at this month's meeting.
- G. 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.
- H. 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.
- I. 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.
- J. We continue to receive, review, and comment on various permit applications for projects to be constructed within the District.
- K. 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.

South Indian River Water Control District August Board of Supervisors Meeting



August 16, 2018

Item 1: Consent Agenda

- A. Approval of Minutes of Previous Meeting
- B. Approval of Warrant List

Board Discussion

Motion from the Board



Item 2: Public Information Report



Presented by Laura Bender for
Donna J. DeNinno,
District Public Information Officer

Item 3: Treasurer's Report

- A. Consideration of Adoption of a Resolution Adopting the 2018/2019 Budget
- B. Election of the Uniform Method of Collection of Non Ad Valorem Assessments for the Fiscal Year 2018/2019



Presented by
Chuck Haas, Treasurer

Item 4: Manager of Operations' Report



Presented by Mike Dillon
Manager of Operations

Item 5: Engineer's Report

Presented by Amy E. Eason, PE,
District Engineer



19th Plan of Improvements

Asphalt (±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 Ave. and 81st Court N.
- 159th Court N. between 78th Drive N. to 83rd Way N.
- 160th Street N. between 75th Ave. N. and 72th Drive N. and 75th Ave. and 72nd Drive N. from 160th Street N. to 160th Lane N.
- 175th Road N. between Jupiter Farms Road and West End

19th Plan of Improvement

- Approximately 2.3 miles
- Estimating \$470,000 per mile
- Approx. 95 assessable lots with 22 corner lots from a previous POI
- Total Estimated Project Costs = \$1,081,000

Bids Received

- 7 bids were received
- Bids ranged from \$858K to \$1.17M
- Low Bidder was \$858,054.45, which is under the Construction cost estimate of \$901,000
- Low Bidder is Rosso Site Development, Inc.
- Pre-Construction Meeting held June 21, 2018



Next Steps

- Construction started July 9, 2018
- Anticipated Final Completion – January 9, 2019

Proposed Plan of Improvements

- Began accepting petitions on February 1, 2018 for an Enhanced Stabilization Project
- Received one petition that meets the current policy
 - 74th Avenue N. between 150 Court N. and 154th Court N. for a District financed asphalt surface (approx. 0.4 miles)
 - 18 lots with 10 signatures (56%)
- Closed accepting petitions on April 30, 2018
- Preliminary Cost Estimate Completed
 - \$200,000
 - Assessment \$1,650 per parcel
- Prepared Referendum

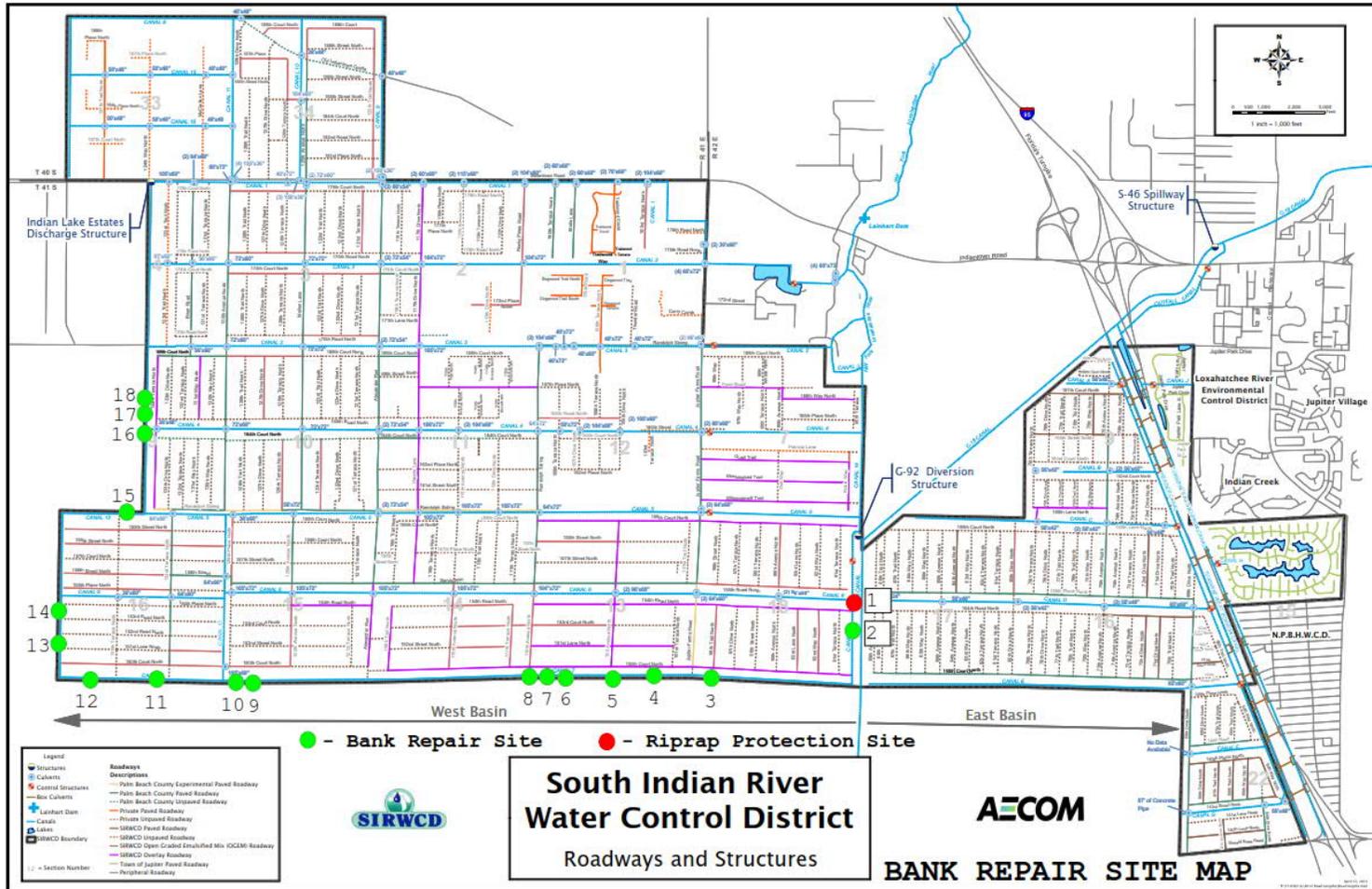
Next Steps

- Send to Supervisor of Elections
- VOTE!



NRCS Funding

- Met with NRCS on additional funding for Irma on April 12, 2018



NRCS Funding



Site 1 – Rip Rap



Site 12 – Bank Repair Site

Grant Funding is 75% of Cost

Requested Funding Amount \$240,673.15

- Executed Agreement on June 25, 2018
- Contract documents have been executed
- Tentative start date is August 27, 2018

Section 7 – Loxahatchee River Preservation Initiative FY 2020



Mockingbird South



Whippoorwill North

Section 7 – Loxahatchee River Preservation Initiative FY 2020

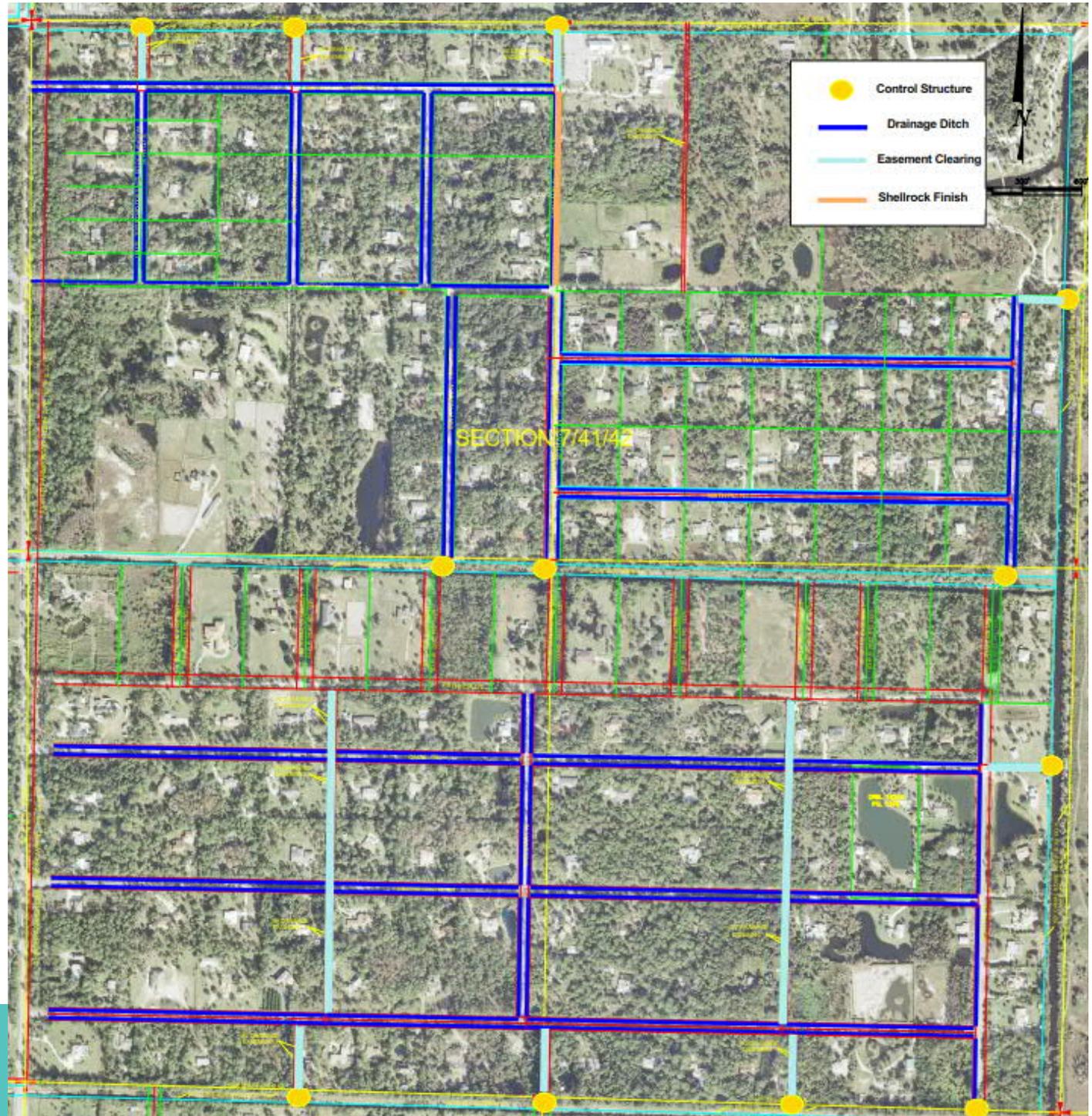


Quail North



Whippoorwill South

Section 7 – Loxahatchee River Preservation Initiative FY2020

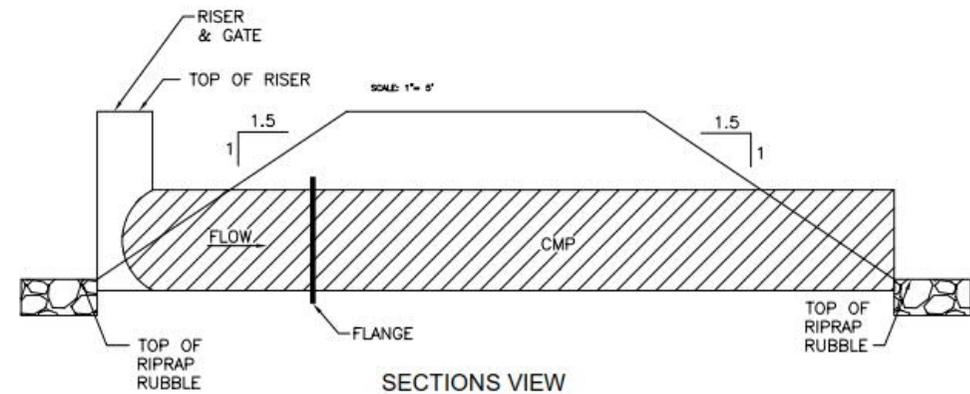
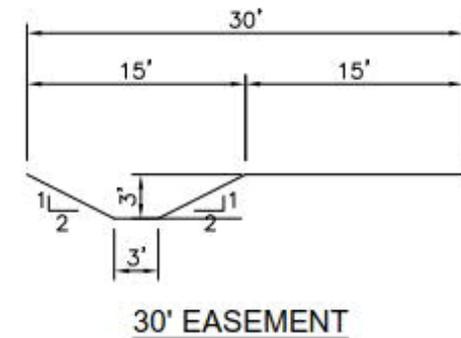


Section 7 – Loxahatchee River Preservation Initiative FY 2020

- Approximate Total length of SIRWCD Roads – 7.0 miles
- Approximate Total length of swale cleaning – 13.3 miles
- Approximate Total acres of easement clearing – 4.1 acres
- Approximate Total number of culverts - 30
- Approximate Total number of outfall structures – 12
- Approximate 62,000 of additional storage/treatment volume

Total Estimated cost of the project = \$580,000

Looking for 50/50 Contribution
District Contribution = \$290,000



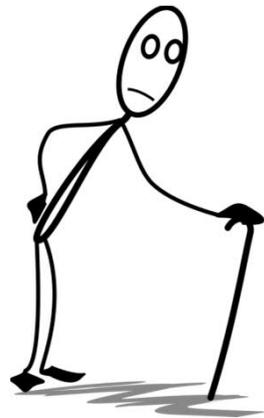
Item 6: Attorney's Report



Presented by
William G. Capko and Terry E. Lewis,
District Attorneys



Item 7: Old Business



Item 8: New Business



Item 9: Landowners' Items

Landowners may provide comment to the Board at this time.

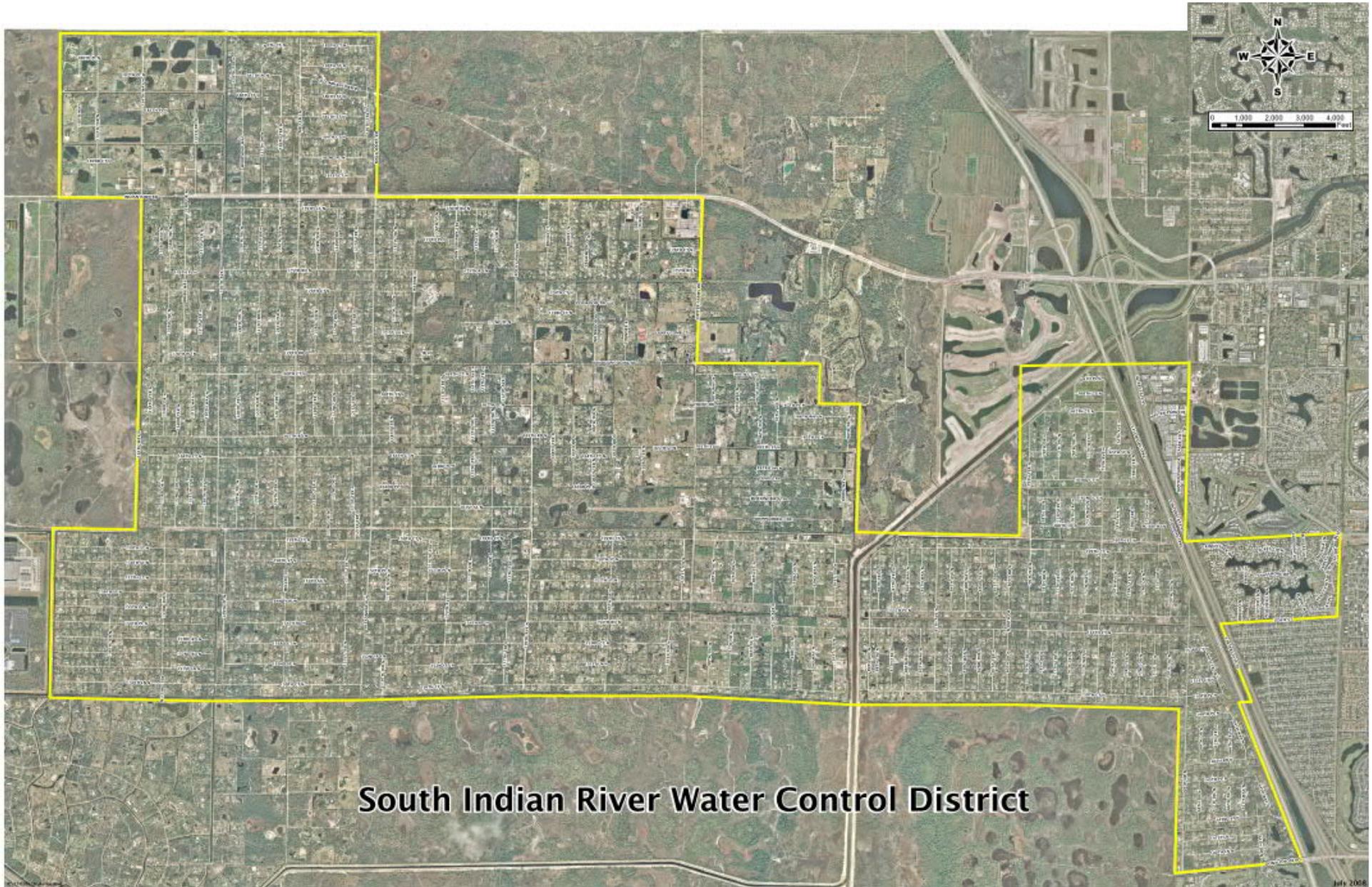
Public Comment

Board Discussion



Item 10: Adjourn





South Indian River Water Control District

July 2008



August 16, 2018