

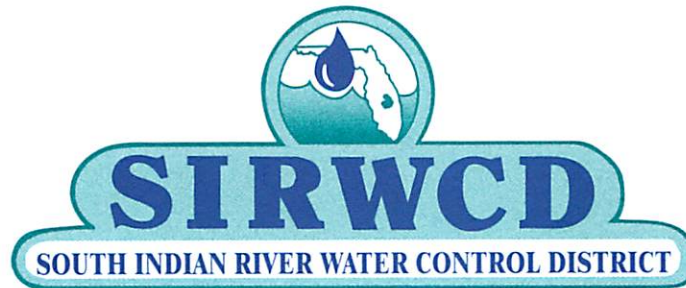


BOARD OF SUPERVISORS MEETING

October 18, 2012 – 7:30 p.m.
Jupiter High School – Guidance Suite

A G E N D A

1. Invocation and Pledge of Allegiance
2. Ratification of election results
 - Swearing in of elected Board members
3. Election of officers
4. Appointments
5. Approval of minutes of previous meeting
6. Public Information report
7. Treasurer's report
8. Manager of Operations' report
9. Engineer's report
10. Attorney's report
11. Landowners items
12. Old business
13. New business
14. Adjourn



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period September 14, 2012 through October 12, 2012
DATE: October 12, 2012

ADMINISTRATIVE:

1. Attended Loxahatchee River Preservation Initiative meeting.
2. Attended Loxahatchee River Management Coordinating Council meeting.
3. Hired Joe Carroll as Mechanic/Shop Foreman.
4. Meetings with South Florida Water Management District to discuss pre-storm procedures for the PC8A culvert in Palm Beach Country Estates.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Equipment Foreman, Greg Gell, celebrates twenty years with the District.
7. Conducted safety meeting at District Work Center.
8. Receiving quotes to replace the 6405 John Deere tractor.
9. Attended Staff meeting.
10. On-site meetings with homeowners regarding various road and swale issues.
11. Aquagenix is awarded the maintenance contract for Palm Beach Country Estates.

MEMORANDUM

To: Board of Supervisors

Date: October 12, 2012


Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 3.42 inches of rain this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swale for one driveway culvert followed by inspection.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Phone conversations with District Engineer regarding the Canal 3 extension project.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Oct. 15, 2012

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

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

SUBJECT: Monthly Report October 2012

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

- ❖ Monthly Meeting (Oct. 18) release
- ❖ Annual Budget Meeting (Aug. 16) results release
- ❖ Road Improvement Ballot (Sept. 20) results release

The following items were uploaded to the website:

- ❖ October Staff monthly reports– Manager of Operations, Engineer, Public Information
- ❖ Annual Landowners Meeting minutes (Sept. 15, 2011)
- ❖ Monthly Meeting notice of dates for the fiscal year 2012-13
- ❖ Annual Budget Meeting results (Aug. 16) release
- ❖ Road Improvement Ballot results (Sept. 20) release

Attended Annual Landowners Meeting (Sept. 20) and Staff Luncheon (Oct. 9).

We compiled survey questionnaire results and created documentation and are presenting the information to supervisors and staff.

The next newsletter has been started and will include the Manager of Operations' and the District Engineer's annual reports.

We ordered the following:

Crystal award for David Beane which was presented at the Annual Landowners Meeting (Sept. 20)
Polo shirts for the supervisors and staff and will deliver them at the Monthly Meeting (Oct. 18)
Business cards for those supervisors and staff that needed them

The overall re-design and updating of the SIRWCD website continues and will include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally.



BOARD OF SUPERVISORS MEETING

November 29, 2012 – 7:30 p.m.
Jupiter High School – Guidance Suite
500 N. Military Trail, Jupiter, FL 33458

AGENDA

1. Invocation and Pledge of Allegiance
2. Consent Agenda
 - Approval of Minutes (October 18 meeting)
 - 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



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors

FROM: Manager of Operations

SUBJECT: Manager's Report for the period October 13, 2012 through November 16, 2012

DATE: November 16, 2012

ADMINISTRATIVE:

1. Attended Loxahatchee River Preservation Initiative meeting.
2. Meetings with Palm Beach County E.R.M to discuss design changes in the Canal 2/Hatcher project.
3. Attended the Palm Beach County Safety Council meeting.
4. Nominated to sit on the Executive Board of the Safety Council of Palm Beach County.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Attended numerous telephone conference calls with South Florida Water Management District and Palm Beach County Emergency Operations Center regarding hurricane Sandy.
7. Attended Palm Beach County N.P.D.E.S. meeting at the Town of Jupiter.
8. Meetings with District Engineer regarding various projects.
9. Attended Staff meeting.
10. On-site meetings with homeowners regarding various road and swale issues.
11. Control Communications performed maintenance on all District radios.

MEMORANDUM

To: Board of Supervisors

Date: November 16, 2012

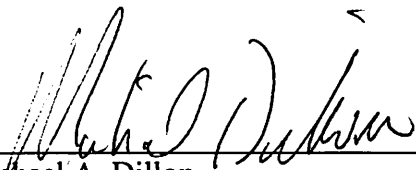
Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 4.35 inches of rain this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swale for four driveway culverts followed by inspection.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Phone conversations with District Engineer regarding the Canal 3 extension project.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 224 cubic yards of road material to District yard.



Michael A. Dillon
Manager of Operations

MAD/cw



**DICK GRUENWALD
ASSOCIATES, LLC**

Nov. 16, 2012

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

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

SUBJECT: Monthly Report November 2012

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

- ❖ Monthly Meeting (Nov. 29) release
- ❖ Monthly Meeting (Oct. 18) results release

The following items were uploaded to the website:

- ❖ November Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting (Oct. 18) results release
- ❖ Monthly Meeting (Sept. 20) minutes
- ❖ Update Personnel Page – Stephen Hinkle (bio and photo) and Holly Rigsby (bio)

Attended new supervisor informational meeting (Oct. 15).

The next newsletter is being worked on and will include the Manager of Operations' and the District Engineer's annual reports.

We arranged photo shoot for Stephen Hinkle and Holly Rigsby.

The overall re-design and updating of the SIRWCD website continues and will include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of November 2012
CC: Staff
Date: November 26, 2012

Routine Business

1. The District is received its first assessment receipt distribution from the Palm Beach County Tax Collector on November 7, 2012.
2. We are working with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2012.
3. The District received a check in the amount of \$30,805.71 from the Palm Beach County Tax Collector, for fees in excess of their budgetary requirements for collection of the District's assessments for the fiscal year ended September 30, 2012.
4. We completed Form DFS-J1-1295, Public Deposit Identification and Acknowledgement Form, for each of the District's bank accounts held at September 30, 2012 and as required by Chapter 280 of the State Statutes, we have sent them to the State.
5. The Census Report for FY 2011/2012 was completed in October.
6. Together with the rest of the District's staff we participated in an orientation session for Board members; Mike Danchuk, Mike Ryan and Steve Hinkle. From discussion at that meeting we were asked to research the District obtaining fidelity bonds on all individuals with District check signing ability. We expect to have updated information by the board meeting. Another discussion was to have the District furnish tablet or notebook computers for the board members. We expect to have a more information on this matter by the Board meeting.
7. We are including with this report the semi-annual investment report required by the District's Investment Policy and in conformance with FL Statute 218.415.

8. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/1/2012 Through 10/31/2012

AGF - All Governmental Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,975	-	(2,975)
Other Income	<u>3,235</u>	-	<u>(3,235)</u>
Total Revenue:	<u>6,210</u>	-	<u>(6,210)</u>
Expenditures:			
Contracted Services	61,020	8,316	52,704
Operating Expense	151,100	72,679	78,421
Capital Outlay	179,650	-	179,650
Other Debt Service	<u>16,175</u>	<u>2,500</u>	<u>13,675</u>
Total Expenditures:	<u>407,945</u>	<u>83,495</u>	<u>324,450</u>
Transfers, Financing & Capital Outlays			
Transfers	<u>54,500</u>	<u>54,500</u>	-
Total Transfers, Financing & Capital Outlays	<u>54,500</u>	<u>54,500</u>	-
Excess (Deficit) Revenues over (under) Expenditures	<u>(456,235)</u>	<u>(137,995)</u>	<u>(318,240)</u>
Beginning Fund Balance	<u>4,455,973</u>	<u>4,455,973</u>	
Ending Fund Balance	<u>3,999,738</u>	<u>4,317,978</u>	<u>(318,240)</u>

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 10/31/2012

100 - Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	140	-	(140)
Other Income	<u>3,000</u>	-	<u>(3,000)</u>
Total Revenue:	<u>3,140</u>	-	<u>(3,140)</u>
Expenditures:			
Contracted Services	61,020	8,316	52,704
Operating Expense	<u>151,100</u>	<u>72,679</u>	<u>78,421</u>
Total Expenditures:	<u>212,120</u>	<u>80,995</u>	<u>131,125</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(208,980)</u>	<u>(80,995)</u>	<u>(134,265)</u>
Beginning Fund Balance	<u>1,480,838</u>	<u>1,480,838</u>	-
Ending Fund Balance	<u>1,271,858</u>	<u>1,399,843</u>	<u>(134,265)</u>

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 10/31/2012

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	<u>235</u>	-	<u>(235)</u>
Total Revenue:	<u>235</u>	-	<u>(235)</u>
Expenditures:			
Other Debt Service	<u>16,175</u>	<u>2,500</u>	<u>13,675</u>
Total Expenditures:	<u>16,175</u>	<u>2,500</u>	<u>13,675</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(15,940)</u>	<u>(2,500)</u>	<u>(13,910)</u>
Beginning Fund Balance	<u>1,198,937</u>	<u>1,198,937</u>	-
Ending Fund Balance	<u><u>1,182,997</u></u>	<u><u>1,196,437</u></u>	<u><u>(13,910)</u></u>

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 10/31/2012

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	<u>2,600</u>	-	<u>(2,600)</u>
Total Revenue:	<u>2,600</u>	-	<u>(2,600)</u>
Expenditures:			
Capital Outlay	<u>179,650</u>	-	<u>179,650</u>
Total Expenditures:	<u>179,650</u>	-	<u>179,650</u>
Transfers, Financing & Capital Outlays			
Transfers	<u>54,500</u>	<u>54,500</u>	-
Total Transfers, Financing & Capital Outlays	<u>54,500</u>	<u>54,500</u>	-
Excess (Deficit) Revenues over (under) Expenditures	<u>(231,550)</u>	<u>(54,500)</u>	<u>177,050</u>
Beginning Fund Balance	<u>1,776,198</u>	<u>1,776,198</u>	-
Ending Fund Balance	<u><u>1,544,648</u></u>	<u><u>1,721,698</u></u>	<u><u>177,050</u></u>

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 10/31/2012

500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	139,000	72,679	(66,321)
Rents & Contracted Service Income	<u>13,500</u>	<u>2,300</u>	<u>(11,200)</u>
Total Revenue:	<u>152,500</u>	<u>74,979</u>	<u>(77,521)</u>
Expenditures:			
Personal Services	62,850	55,309	7,541
Contracted Services	16,563	925	15,638
Operating Expense	28,323	19,063	9,260
Office & Landowner Expense	6,737	-	6,737
Insurance	<u>4,837</u>	<u>3,115</u>	<u>1,722</u>
Total Expenditures:	<u>119,310</u>	<u>78,412</u>	<u>40,898</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	<u>54,500</u>	<u>54,500</u>	-
Total Transfers, Financing & Capital Outlays	<u>54,500</u>	<u>54,500</u>	-
Excess (Deficit) Revenues over (under) Expenditures	<u>(21,310)</u>	<u>(57,933)</u>	<u>(36,623)</u>
Beginning Fund Balance	497,000	497,000	
Ending Fund Balance	<u>475,690</u>	<u>439,067</u>	<u>(36,623)</u>



To: Board of Supervisors

From: Charles F. Haas, Financial Manager

Date: October 31, 2012

Re: Investment Report for the Period April 1, 2012 to September 30, 2012

This report is submitted in compliance with Florida Statute 218.415.

This report summarizes the District's investment results for the period April 1, 2012 to September 30, 2012. Outlined below are comments regarding recent market conditions, economic developments, anticipated investment conditions and District portfolio results.

As reported in the Wells Fargo Securities, September 24, Economics Group, "The Federal Reserve Bank of Chicago's National Activity Index (CFNAI) fell 0.75 points in August to -0.87, which marks the lowest level for this index since June 2009, when the economy was emerging from the Great Recession".

However, according to the September 25, Consumer Confidence Index- "expectations about the future economic condition sent consumer confidence Index up which rose a larger than expected 9.0 points as fears about soaring gasoline prices and the approaching fiscal cliff appear to have subsided somewhat. The expectation series jumped 12.6 points 83.7 in September, marking its highest reading since February. The rise in expectations mirrors the recent improvement in the stock market. "

Also, according to The Leading Economic Index (LEI), "Given the Fed's most recent aggressive easing move, we would expect to see the financial indicators in the LEI to continue to hold up. The question will be, whether the real economy represented by consumer, employment and production will follow. Given the recent performance it does not inspire confidence that it will."

For the six-month period ended September 30, 2012 benchmark three-month Treasury- Bill rates ranged between 0.075% and 0.100%.

The Districts portfolio at September 30, 2012 was made up of the following:

<u>Type</u>	<u>% Rate</u>	<u>Maturity Date</u>	<u>Value</u>
Wells Fargo MM Account	0.02%	N/A	\$ 728,806
Regions Bank Money Market	0.05%	N/A	1,482,871
Regions Bank Investments:			
CD #0120019629	0.35%	05/13/13	301,562
CD #0120019637	0.49%	11/26/12	301,604
CD #0120019610	0.10%	11/11/12	300,481
CD #0128843738	0.10%	11/06/12	600,666
CD #0128843711	0.10%	11/06/12	600,582
			<u>\$ 4,316,572</u>

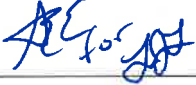
The average balance of the District's investments for the six months ended September 30, 2012, was \$5,824,203 and earned an average of \$339 per month. Using benchmark three-month Treasury Bill rates as a target objective, the District's estimated portfolio rate of return for the period was .0086% per annum. The actual rate of return was .070%.

Memorandum

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

CC

Subject Engineer's Report for November 2012

From Lennart J. Lindahl, PE, District Engineer 

Board Meeting Date November 29, 2012

The following is a summary of activities and communications that were of significance during the month of November 2012:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowner submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisor's on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project and is prepared to present this information at this month's Board meeting.

II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting was held on November 14, 2012. Discussions were held on upcoming Water Quality Monitoring Plan revisions and the TMDL Program, including implications on costs in the next permit cycle which is scheduled to begin in March 2016. This year's Annual Report and the required standard operating procedures are currently being prepared. The next Steering Committee Meeting is scheduled for January 16, 2013 and the agenda includes a discussion of the 4th Year budget estimate.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff has reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff has attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Staff has reviewed the plan and is prepared to update the Board at this month's meeting.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff is also exploring grant opportunities and has been in contact with the Florida Division of Emergency Management (Division) on applying for grant funds through FEMA. Staff met with the Division on October 4, 2012 and is submitting additional information to the Division. In addition, a cultural resource study is being conducted on the area to assist in the Town of Jupiter permitting process. Staff continues to cooperate with Palm Beach County on this project. Staff is prepared to update the Board at this month's meeting.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the beginning of October and an interim report for the period from April 2010 – September 2012 is under preparation. The interim report should be ready for review by January 2013. A stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.

- E. The North Palm Beach County - Part 1 Comprehensive Everglades Restoration Plan (CERP) Project has been renamed the Loxahatchee River Watershed Restoration Plan. The overall purposes of this project are to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough, improve flow to enhance hydro-periods in the Loxahatchee Slough, increase base flows to the Northwest Fork of the Loxahatchee River, and reduce high discharges to the Lake Worth Lagoon. Concerns with the project that were developed by the Project Delivery Team include:
 - 1) the cost benefit analysis for the L-8 reservoir
 - 2) connate seepage water management costs
 - 3) the project's purpose
 - 4) habitat units

In order to resolve concerns, the Army Corp of Engineers and SFWMD developed an additional modeling scope. The last schedule included Agency Technical Review in August, 2011, a revised Alternative Formulation Briefing to Corps management in February, 2012, and completion of an Alternative Formulation Briefing report in April, 2012. However, that schedule has now been pushed back indefinitely due to SFWMD's new program described below.

SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2"

(C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed the Florida's numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge's decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida's water quality standards. Pursuant to federal regulations, this review is expected to happen every three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

On November 1, 2012, staff attended a public meeting on the South Florida Canal Aquatic Life Study being conducted by FDEP. The study objectives are to: (1) assess aquatic life in South Florida canals; (2) determine interrelationships between aquatic life in canals and other variables that affect that aquatic life; (3) evaluate the differences in conditions for South Florida canals; and (4) collect information that can be used to guide management decisions. The study is to be used as a guide in developing numeric nutrient criteria for canals.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. Written comments are requested within 60 days of the notice. Staff is currently reviewing the proposed TMDL.

In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury and has published the document for review. Written comments will be accepted through August 27th, 2012 for the review of this document. Staff is currently reviewing this TMDL.

- H. Our office 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
Landowner Questionnaire
East Responses (51)**

This survey was provided to all landowners within the District so that they could address any concerns, comments, or questions to the Board of Supervisors for review and consideration.

The South Indian River Water Control District (SIRWCD) and Board of Supervisors is limited and defined under Chapter 298 of the Florida Statutes and the District's Special Act and therefore operates under rules and regulations set forth by the legislation. The Board, elected by landowners, has the regulated authority for day to day operations required to fulfill the District's obligations to maintain the roads, swales, canals and stormwater flood control.

The rating scale is used to best express the landowners' opinion – from lowest (1) to highest (5).

- 1) A. Properties on a dirt road: 32
B. Satisfaction with the present condition of their road
1) 3 2) 5 3) 14 4) 7 5) 6
C. Satisfaction with the maintenance of their swales
1) 3 2) 5 3) 11 4) 5 5) 4

A. Properties on a hard-surface with asphalt or OGEM: 15
B. Satisfaction with the present condition of their road
1) 1 2) 0 3) 3 4) 4 5) 8
C. Satisfaction with the maintenance of their swales
1) 4 2) 1 3) 2 4) 4 5) 3
- 2) A. How would you rate the SIRWCD maintenance personnel you've met? (more than one can be circled)
Professional: 26 Friendly: 29 Unfriendly: 2 Cooperative: 17

B. How would you rate the SIRWCD office personnel you've contacted?
Professional: 26 Friendly: 28 Unfriendly: 3 Cooperative: 12
- 3) How would you rate (collectively) the Board of Supervisors performance?
Doing a good job: 29 Doing an average job: 13 Doing an unsatisfactory job: 2
- 4) A. The Board of Supervisors holds monthly meetings on the third Thursday of the month at Jupiter High School that are open to all landowners.
Have you attended a meeting? Yes: 7 No: 31

If so, how often do you attend?
Monthly: 1 Quarterly: 2 Annual Landowner Meeting: 1 Occasionally: 5

If not, please select reason for not attending:
Bad time: 7 Too far to travel: 3 Have no issues to discuss: 18 Not interested 5

B. Have you ever contacted the Board or District office through email or phone to express any concerns?
Yes: 29 No: 17

C. Each year the Board and staff prepare a budget and conducts public hearings.

Have you attended any of these hearings? Yes: 6 No: 41

Have you called the District office to ask questions or discuss the budget? Yes: 9 No: 42

D. Have you attended the Annual Landowner's Family Day held in March each year? Yes: 5 No: 43

5) Are you aware the District works with many other local, county and state agencies on projects and issues that may affect landowners? Yes: 41 No: 8

6) A. The District has a website that provides important information for landowners, including the history and function of the District, contact information for the Board and Staff, maintenance schedules, news, budget information, dates for monthly meetings or special workshops, minutes of previous meetings and past issues of the District's newsletter.

Have you used the website? Yes: 15 No: 33

B. The District newsletter is published a number of times during the year to provide landowners with the information on a variety of issues, including landowner petitions and referendum projects that may impact you. Have you read it? Yes: 47 No: 0

7) How do you feel about the amount of assessments you pay for SIRWCD services?

Too high: 9 Fair: 35 Would be willing to pay more for increased services: 7

8) Are you aware that assessments for most landowners have been reduced of the last few years?

Yes: 20 No: 24

**South Indian River Water Control District
Landowner Questionnaire
West Responses (102)**

This survey was provided to all landowners within the District so that they could address any concerns, comments, or questions to the Board of Supervisors for review and consideration.

The South Indian River Water Control District (SIRWCD) and Board of Supervisors is limited and defined under Chapter 298 of the Florida Statutes and the District's Special Act and therefore operates under rules and regulations set forth by the legislation. The Board, elected by landowners, has the regulated authority for day to day operations required to fulfill the District's obligations to maintain the roads, swales, canals and stormwater flood control.

The rating scale is used to best express the landowners' opinion – from lowest (1) to highest (5).

- 1) A. Properties on a dirt road: 65
 - B. Satisfaction with the present condition of their road
 - 1) 4 2) 6 3) 13 4) 17 5) 25
 - C. Satisfaction with the maintenance of their swales
 - 1) 9 2) 7 3) 11 4) 15 5) 21

- A. Properties on a hard-surface with asphalt or OGEM: 15
 - B. Satisfaction with the present condition of their road
 - 1) 0 2) 4 3) 5 4) 11 5) 10
 - C. Satisfaction with the maintenance of their swales
 - 1) 2 2) 3 3) 9 4) 9 5) 7

- 2) A. How would you rate the SIRWCD maintenance personnel you've met? (more than one can be circled)
Professional: 59 Friendly: 67 Unfriendly: 0 Cooperative: 23

- B. How would you rate the SIRWCD office personnel you've contacted?
Professional: 57 Friendly: 58 Unfriendly: 2 Cooperative: 25

- 3) How would you rate (collectively) the Board of Supervisors performance?
Doing a good job: 56 Doing an average job: 30 Doing an unsatisfactory job: 4

- 4) A. The Board of Supervisors holds monthly meetings on the third Thursday of the month at Jupiter High School that are open to all landowners.
Have you attended a meeting? Yes: 21 No: 75

- If so, how often do you attend?
Monthly: 1 Quarterly: 0 Annual Landowner Meeting: 4 Occasionally: 18

- If not, please select reason for not attending:
Bad time: 24 Too far to travel: 13 Have no issues to discuss: 40 Not interested: 1

- B. Have you ever contacted the Board or District office through email or phone to express any concerns?
Yes: 48 No: 46

C. Each year the Board and staff prepare a budget and conducts public hearings.

Have you attended any of these hearings? Yes: 8 No: 86

Have you called the District office to ask questions or discuss the budget? Yes: 18 No: 76

D. Have you attended the Annual Landowner's Family Day held in March each year? Yes: 55 No: 39

5) Are you aware the District works with many other local, county and state agencies on projects and issues that may affect landowners? Yes: 72 No: 17

6) A. The District has a website that provides important information for landowners, including the history and function of the District, contact information for the Board and Staff, maintenance schedules, news, budget information, dates for monthly meetings or special workshops, minutes of previous meetings and past issues of the District's newsletter.

Have you used the website? Yes: 29 No: 68

B. The District newsletter is published a number of times during the year to provide landowners with the information on a variety of issues, including landowner petitions and referendum projects that may impact you. Have you read it? Yes: 94 No: 2

7) How do you feel about the amount of assessments you pay for SIRWCD services?

Too high: 17 Fair: 74 Would be willing to pay more for increased services: 7

8) Are you aware that assessments for most landowners have been reduced of the last few years?

Yes: 35 No: 58



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of October, 2012
CC: Staff
Date: October 14, 2012

Routine Business

1. The total assessment received through August 31st, 2012 was \$5,252,601 (including tax sale receipts). No additional assessment are due for 2011/12 Fiscal Year. The budgeted assessments were \$5,243,000.
2. The District is scheduled to receive the first distribution of the 2012/2013 assessment receipts from the Palm Beach County Tax Collector on November 8, 2012.
3. We have opened up a general and payroll checking accounts at Regions Bank. We will be implementing direct deposits of payroll checks on the next payroll. A pretest of the system was run with no exceptions. Following the implementation of this system we will also be implementing positive pay for the general operating account. Positive pay is an anti-check fraud system whereby we will notify the bank the name, check number and amount of each check that will be issued. The bank then verifies that a tendered check is on the list prior to paying it.
4. We will be working with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2012.
5. The District's year end was September 30, 2012. Since we are in the process of closing the books, a financial report has not been prepared. As part of this effort we have reviewed the budgets of all of the funds and have developed a number of budget amendments for consideration by the Board. Most of the budget amendments are housekeeping in nature, to bring the budget in line with actual activity. As discussed in the attached memo there are a few items that do involve transfers between funds rather than adjusting line items within a given fund.
6. 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 the budget amendments and fund transfers (attached).



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

Date: Octo12, 2012

The Board of Supervisors will be asked to consider and approve the following budget amendments. Most of these amendments are needed due to transactions not foreseen or expected when this budget was adopted in July 2011. As an example, the District received over \$500,000 from the Town of Jupiter from the Interlocal agreement including the extension that was approved earlier in the fiscal year. Most of these amendments are within line items of a particular fund.

However there are a number of amendments that call for transfers between funds and as such deserve to be noted.

An amendment to Fund 140, Road maintenance PBCE increasing the transfer out account for \$30,000 and the transfer in account for fund 110 Water control East basin for \$5,000 and fund 185 PBCE Park Maintenance for \$25,000. Both of these amendments are necessary to cover fund deficits. The fund deficit in fund 110 is primarily due to the spend-down of reserves when we were paying our required share of the NRCS grants. Over the years the assessment rate has been increased in this fund to restore the fund equity to a reasonable amount. New accounting rules now dictate that the fund deficits be eliminated thus requiring this transfer. I expect that this transfer will be reversed in the next fiscal year. The deficit in fund 185 is due to the construction of the parking lot. A few months ago the Board did approve a transfer of \$25,000. Unfortunately, there was another bill from Lynch that was not included in the analysis. This will be the last transfer for this fund.

The second amendment requiring a transfer is to transfer \$42,000 from fund 215, Section 9 Phases II Debt Service fund to Fund 216 Section 9 Phase IIA Debt service Fund in the amount of \$11,000 and Fund 217, Section 9 Phase IIB in the amount of \$31,000. Phase II was split into a Phase IIA and a Phase IIB so the same parcels in the aggregate that are in Phase II are in Phase IIA and Phase IIB. On August 1, 2012 the final payment on the Phase II debt was made. The fund has approximately \$42,000 remaining in it after this final payment. Over the past few years there has been some softness in the collection of assessments from the benefitted area (Jupiter Commerce Park). In anticipation of this occurrence, I had built up substantial reserves so as to avoid a default or some other deleterious event. However, this past fiscal year some of the delinquent properties were sold at tax sale, with the District receiving its unpaid taxes, leaving more money in the fund than was needed to satisfy the debt.

There remain outstanding debt payments on Phase IIA (2012-13 being the last year) and Phase IIB with two years to go. The surplus on the fund 215 is being allocated to the two other funds in proportion to the original allocation of assessments.

Of final note is the budget amendment for Fund 229, Egret Landing Debt Service. These amendments are due to the refinancing of the Bonds in December, 2011. At the time the Board authorized the transaction, the budget amendment was also authorized, however a formal document reflecting the actual accounts affected was not presented.

Please let me know if you wish to discuss this or if you have any questions

South Indian River Water Control District

Budget Amendments FYE 09-30-2012

Fund Code	Fund	Account	Account Code	Budget Change	
				Dr:	Cr:
110	Water Control East Basin	Engineering Fees	53110		20,000
		Charges For Services	54620	68,000	
		O & M Services - Materials	54630		36,000
		Culverts & Riprap	55260		6,000
		Transfers in	38100		5,000
		Fund Balance	27100		1,000
				<u>68,000</u>	<u>48,000</u>
120	Water Control West Basin	Charges for Services	54620	338,000	
		O&M Services-Materials	54630		250,000
		Fund Balance	27100		88,000
				<u>338,000</u>	<u>(338,000)</u>
140	Road Maintenance PBCE	Transfers out	59100	30,000	
		O&M Services-Materials	54630		30,000
				<u>30,000</u>	<u>30,000</u>
185	Park Maintenance	Other Current Charges	54900	138,000	
		Engineering	53110	34,000	
		Transfers in	38100		25,000
		Fund Balance	27100		147,000
				<u>172,000</u>	<u>172,000</u>
215	Section 9 Phs II Debt Service Fund	Transfer out	59100	42,000	
		Fund Balance	24710		42,000
		Egret Landing Debt service			
				<u>42,000</u>	<u>42,000</u>
216	Section 9 Phs IIA Debt Service Fund	Transfer in	38100		11,000
		Fund Balance	24710	11,000	
217	Section 9 Phs IIB Debt Service Fund	Transfer in	38100		31,000
		Fund Balance	24710	31,000	

South Indian River Water Control District


Budget Amendments FYE 09-30-2012

Fund Code	Fund	Account	Account Code	Budget Change	
				Dr:	Cr:
229	Egret Landing Debt Service	Other Debt Service	58510	20,000	
		Principal Repayments	57110	489,000	
		Proceeds of Refunding Debt	38500		3,150,000
		Other financing Uses	58510	3,880,000	
		Fund Balance	24710		1,239,000
				<u>4,389,000</u>	<u>4,389,000</u>
230	2006 PBC Estates Series A&B Debt Service	Other Income	36900		500,000
		TOJ Payments	54901	55,000	
		Interest	57210	58,000	
		Fund Balance	24710	387,000	
				<u>500,000</u>	<u>500,000</u>
235	2004 Series C 11th Plan Debt Service	Transfer in	38100	10,000	
		Fund Balance	24710	-	10,000
				<u>10,000</u>	<u>10,000</u>
260	PBCE Water Dist Sys Hook Up Financing Program	TOJ Payments	54901	11,677	
		Fund Balance	24710		11,677
				<u>11,677</u>	<u>11,677</u>

Memorandum

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

CC

Subject Engineer's Report for October 2012 

From Lennart J. Lindahl, PE, District Engineer

Board Meeting
Date October 18, 2012

The following is a summary of activities and communications that were of significance during the month of October 2012:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowner submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting was held on September 19, 2012. A discussion was held on the Stormwater Management Plan components and Standard Operating Procedures to be completed

in this year's Annual Report. In addition, a Public Education update included a television advertisement which will run from January through April and a Florida Yards and Neighborhood brochure to be printed and distributed.

The next Steering Committee Meeting is scheduled for November 14, 2012 and the agenda includes a discussion of the TMDL Program and proposed water quality monitoring requirements for outfalls into TMDL water bodies.

- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff recently met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff has reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Currently, staff was asked to attend a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Staff continues to coordinate with Palm Beach County on this project.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss can be reduced, which improve flood protection.

Staff met with South Florida Water Management District for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff is also exploring grant opportunities and has been in contact with the Florida Division of Emergency Management on applying for grant funds through FEMA. Staff met with the Division on October 4, 2012 and is submitting additional information to the Division. In addition, a cultural resource study is being conducted on the area to assist in the Town of Jupiter permitting process. Staff continues to cooperate with Palm Beach County on this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the end of September and an interim report is under preparation. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as QA/QC of the data for inclusion into the DBHydro database. A stakeholder meeting has been scheduled for October 16, 2012.
- E. The North Palm Beach County - Part 1 Comprehensive Everglades Restoration Plan (CERP) Project has been renamed the Loxahatchee River Watershed Restoration Plan. The overall purposes of this project are to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough, improve flow to enhance hydro-periods in the Loxahatchee Slough, increase base flows to the Northwest Fork of the Loxahatchee River, and reduce high discharges to the Lake Worth Lagoon. Concerns with the project that were developed by the Project Delivery Team include:
- 1) the cost benefit analysis for the L-8 reservoir
 - 2) connate seepage water management costs
 - 3) the project's purpose
 - 4) habitat units

In order to resolve concerns, the Army Corp of Engineers and SFWMD developed an additional modeling scope. The last schedule included Agency Technical Review in August, 2011, a revised Alternative Formulation Briefing to Corps management in February, 2012, and completion of an Alternative Formulation Briefing report in April, 2012. However, that schedule has now been pushed back indefinitely due to SFWMD's new program described below.

SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2" (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels.

Staff will continue to follow future developments and how they may impact the District.

- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for

estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida Environmental Regulation Commission passed the Florida's numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge's decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2012. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida's water quality standards. Pursuant to federal regulations, this review is expected to happen every three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. Written comments are requested within 60 days of the notice. Staff is currently reviewing the proposed TMDL.

In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury and has published the document for review. Written comments will be accepted through August 27th, 2012 for the review of this document. Staff is currently reviewing this TMDL.

- H. Our office 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.



MEMORANDUM

TO: Board of Supervisors

FROM: Manager of Operations

SUBJECT: Manager's Report for the period November 17, 2012 through January 10, 2013

DATE: January 10, 2013

ADMINISTRATIVE:

1. Attended Loxahatchee River Preservation Initiative meeting.
2. Meetings with Palm Beach County Environmental Resources to discuss design changes in the Canal 2 Hatcher project.
3. Attended the Palm Beach County Safety Council meeting.
4. Meeting with Town of Jupiter Water Utilities Director, David Brown.
5. Received \$2,300.00 from Verizon for monthly lease.
6. A big thanks to Board and Staff who participated in the Jupiter Farms Christmas Parade. The District received second place for their efforts.
7. Attended Staff meeting.
8. Meetings with District Engineer regarding various projects.
9. On-site meetings with homeowners regarding various road and swale issues.

MEMORANDUM

To: Board of Supervisors

Date: January 10, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 5.01 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for two driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Crews continue maintenance work along Canal 6 and Canal 13.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 200 cubic yards of road material to the District yard.

Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Jan. 10, 2013

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

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

SUBJECT: Monthly Report January 2013

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

- ❖ Roadway Workshop Meeting (Jan. 10) release
- ❖ Monthly Meeting (Jan. 17) release

The following items were uploaded to the website:

- ❖ January Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ SIRWCD District Map
- ❖ Monthly Meeting (Aug. 16 & Oct. 18, 2012) minutes
- ❖ Winter Newsletter

Attended Staff meeting (Jan. 10) and Roadway Workshop meeting (Jan. 10).

The winter newsletter was mailed to all landowners in late December. It included the Manager of Operations' and the District Engineer's annual reports, as well as the Roadway Improvement Project referenda results, Gregory Gell's 20 year service recognition, David Beane's award for service, Board of Supervisor election results, 2012-2013 Budget approval and Stormwater Education Corner.

The overall re-design and updating of the SIRWCD website continues and will include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally. As of the beginning of the year we began emailing the news clippings to the supervisors and staff. This will help save on paper and postage.



To Board of Supervisors
FROM Charles F Haas, Treasurer
RE: Treasurer's Report for the month of January 2013
CC: Staff
Date: January 10, 2013

Routine Business

- 1 The District has received a total of \$4,049,160 in assessment receipts through December 31, 2012 of the expected receipts for 2012/2013 This is consistent with collections for the same period in prior years.
- 2 For the fiscal year ending September 30, 2012 and we are in the process of closing the books and beginning the preparation of the financial statements
- 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

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/1/2012 Through 12/31/2012

*AGF - All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Net Assessment	3,677,274	3,700,905	23,631
Investment Income	3,785	-	(3,785)
Other Income	42,500	9,640	(32,860)
Total Revenue:	3,723,559	3,710,545	(13,014)
Expenditures:			
Contracted Services	183,280	129,466	53,814
Operating Expense	433,700	248,951	184,749
Capital Outlay	179,650	-	179,650
Other Debt Service	16,175	4,719	11,456
Total Expenditures:	812,805	383,136	429,669
Transfers, Financing & Capital Outlays			
Transfer In	293,500	125,250	168,250
Total Transfers, Financing & Capital Outlays	293,500	125,250	168,250
Excess (Deficit) Revenues over (under) Expenditures	2,617,254	3,202,159	(584,905)
Beginning Fund Balance	4,455,973	4,455,973	
Ending Fund Balance	7,073,227	7,658,132	(584,905)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

100 - Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,630,860	1,613,280	(17,580)
Investment Income	480	-	(480)
Other Income	3,000	9,640	6,640
Total Revenue:	1,634,340	1,622,920	(11,420)
Expenditures:			
Contracted Services	183,280	124,708	58,572
Operating Expense	433,700	248,951	184,749
Total Expenditures:	616,980	373,659	243,321
Excess (Deficit) Revenues over (under) Expenditures	1,017,360	1,249,261	(231,901)
Beginning Fund Balance	1,480,838	1,480,838	-
Ending Fund Balance	2,498,198	2,730,099	(231,901)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,046,414	2,087,625	41,211
Investment Income	705	-	(705)
Other Income	39,500	-	(39,500)
Total Revenue:	2,086,619	2,087,625.00	1,006
Expenditures:			
Contracted Services	-	557	(557)
Other Debt Service	16,175	4,719	11,456
Total Expenditures:	16,175	5,276	10,899
Excess (Deficit) Revenues over (under) Expenditures	2,070,444	2,082,349	(11,905)
Beginning Fund Balance	1,198,937	1,198,937	-
Ending Fund Balance	3,269,381	3,281,286	(11,905)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	-	(2,600)
Total Revenue:	2,600	-	(2,600)
Expenditures:			
Contracted Services	-	4,201	(4,201)
Capital Outlay	179,650	-	179,650
Total Expenditures:	179,650	4,201	175,449
Transfers, Financing & Capital Outlays			
Transfer In	293,500	125,250	168,250
Total Transfers, Financing & Capital Outlays	293,500	125,250	168,250
Excess (Deficit) Revenues over (under) Expenditures	116,450	121,049	(4,599)
Beginning Fund Balance	1,776,198	1,776,198	-
Ending Fund Balance	1,892,648	1,897,247	(4,599)

South Indian River Water Control District


Statement of Revenues and Expenditures

From 10/1/2012 Through 12/31/2012

500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	413,800	243,432	(170,368)
Rents & Contracted Service Income	13,500	12,100	(1,400)
Total Revenue:	427,300	255,532	(171,768)
Expenditures:			
Personal Services	189,750	164,537	25,213
Contracted Services	55,697	20,034	35,663
Operating Expense	84,537	48,615	35,922
Office & Landowner Expense	20,203	3,655	16,548
Insurance	14,503	9,664	4,839
Total Expenditures:	364,690	246,505	118,185
Transfers, Financing & Capital Outlays			
Capital Outlay	133,500	125,250	8,250
Total Transfers, Financing & Capital Outlays	133,500	125,250	8,250
Excess (Deficit) Revenues over (under) Expenditures	(70,890)	(116,223)	(45,333)
Beginning Fund Balance	497,000	497,000	-
Ending Fund Balance	426,110	380,777	(45,333)

Memorandum

To	South Indian River Water Control District Board of Supervisors	Pages 5
CC		
Subject	Engineer's Report for January 2013	
From	Lennart J. Lindahl, PE, District Engineer 	
Board Meeting Date	January 17, 2013	

The following is a summary of activities and communications that were of significance during the months of December 2012 and January 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowner submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisor's on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project. Currently, staff has been directed to suspend work on the proposed Plan of Improvements pending the outcome of a Board of Supervisors workshop.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting and some required further evaluation by the Board and staff. Staff is currently working on these items in preparation for another workshop that will be scheduled in the near future.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. This year's Annual Report and the required standard operating procedures are currently being finalized for submittal. The next Steering Committee Meeting is scheduled for January 16, 2013 and the agenda includes a discussion of EPA proposed water quality regulations, including a Total Maximum Daily Load (TMDL) for the Lake Worth Lagoon and tributaries and Numeric Nutrient Criteria for south Florida canals and estuaries.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff has reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Palm Beach County attended the November 29, 2012 Board Meeting to present this revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also,

staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. Staff is currently working on several responses for additional information to the permitting agencies. In addition, staff is working to finalize a contract with a contractor for the work which is required for the Town of Jupiter permit and is continuing to explore grant opportunities.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the beginning of October and an interim report for the period from April 2010 – September 2012 is under preparation. The interim report should be ready for review by January 2013. A stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.
- E. The North Palm Beach County - Part 1 Comprehensive Everglades Restoration Plan (CERP) Project has been renamed the Loxahatchee River Watershed Restoration Plan. The overall purposes of this project are to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough, improve flow to enhance hydro-periods in the Loxahatchee Slough, increase base flows to the Northwest Fork of the Loxahatchee River, and reduce high discharges to the Lake Worth Lagoon. Concerns with the project that were developed by the Project Delivery Team include:
- 1) the cost benefit analysis for the L-8 reservoir
 - 2) connate seepage water management costs
 - 3) the project's purpose
 - 4) habitat units

In order to resolve concerns, the Army Corp of Engineers and SFWMD developed an additional modeling scope. The last schedule included Agency Technical Review in August, 2011, a revised Alternative Formulation Briefing to Corps management in February, 2012, and completion of an Alternative Formulation Briefing report in April, 2012. However, that schedule has now been pushed back indefinitely due to SFWMD's new program described below.

SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir

as a 45,000 ac-ft FEB for STAs 1W and 1E. As a “replacement feature”, the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via “Flow-way 2” (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed the Florida’s numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state’s proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge’s decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida’s water quality standards. Pursuant to federal regulations, this review is expected to happen every

three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

On November 1, 2012, staff attended a public meeting on the South Florida Canal Aquatic Life Study being conducted by FDEP. The study objectives are to: (1) assess aquatic life in South Florida canals; (2) determine interrelationships between aquatic life in canals and other variables that affect that aquatic life; (3) evaluate the differences in conditions for South Florida canals; and (4) collect information that can be used to guide management decisions. The study is to be used as a guide in developing numeric nutrient criteria for canals.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those waters not covered by FDEP's NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted. Written comments on the streams (ditch) criteria are due February 1, 2013 and on the estuary criteria by February 19, 2013. EPA is holding two public meetings in Tampa on January 17th and January 18th. There are also three webinars scheduled for January 22nd, 23rd, and 24th, 2013. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. Written comments are requested within 60 days of the notice. Staff is currently reviewing the proposed TMDL.

In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury and has published the document for review. Written comments will be accepted through August 27th, 2012 for the review of this document. Staff is currently reviewing this TMDL.

- H. Our office 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.



MEMORANDUM

TO: Board of Supervisors

FROM: Manager of Operations

SUBJECT: Manager's Report for the period November 17, 2012 through January 10, 2013

DATE: January 10, 2013

ADMINISTRATIVE:

1. Attended Loxahatchee River Preservation Initiative meeting.
2. Meetings with Palm Beach County Environmental Resources to discuss design changes in the Canal 2 Hatcher project.
3. Attended the Palm Beach County Safety Council meeting.
4. Meeting with Town of Jupiter Water Utilities Director, David Brown.
5. Received \$2,300.00 from Verizon for monthly lease.
6. A big thanks to Board and Staff who participated in the Jupiter Farms Christmas Parade. The District received second place for their efforts.
7. Attended Staff meeting.
8. Meetings with District Engineer regarding various projects.
9. On-site meetings with homeowners regarding various road and swale issues.

MEMORANDUM

To: Board of Supervisors

Date: January 10, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 5.01 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for two driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Crews continue maintenance work along Canal 6 and Canal 13.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 200 cubic yards of road material to the District yard.

Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Jan. 10, 2013

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

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

SUBJECT: Monthly Report January 2013

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

- ❖ Roadway Workshop Meeting (Jan. 10) release
- ❖ Monthly Meeting (Jan. 17) release

The following items were uploaded to the website:

- ❖ January Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ SIRWCD District Map
- ❖ Monthly Meeting (Aug. 16 & Oct. 18, 2012) minutes
- ❖ Winter Newsletter

Attended Staff meeting (Jan. 10) and Roadway Workshop meeting (Jan. 10).

The winter newsletter was mailed to all landowners in late December. It included the Manager of Operations' and the District Engineer's annual reports, as well as the Roadway Improvement Project referenda results, Gregory Gell's 20 year service recognition, David Beane's award for service, Board of Supervisor election results, 2012-2013 Budget approval and Stormwater Education Corner.

The overall re-design and updating of the SIRWCD website continues and will include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally. As of the beginning of the year we began emailing the news clippings to the supervisors and staff. This will help save on paper and postage.



To Board of Supervisors
FROM Charles F Haas, Treasurer
RE: Treasurer's Report for the month of January 2013
CC: Staff
Date: January 10, 2013

Routine Business

- 1 The District has received a total of \$4,049,160 in assessment receipts through December 31, 2012 of the expected receipts for 2012/2013 This is consistent with collections for the same period in prior years.
- 2 For the fiscal year ending September 30, 2012 and we are in the process of closing the books and beginning the preparation of the financial statements
- 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

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/1/2012 Through 12/31/2012

*AGF - All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Net Assessment	3,677,274	3,700,905	23,631
Investment Income	3,785	-	(3,785)
Other Income	42,500	9,640	(32,860)
Total Revenue:	3,723,559	3,710,545	(13,014)
Expenditures:			
Contracted Services	183,280	129,466	53,814
Operating Expense	433,700	248,951	184,749
Capital Outlay	179,650	-	179,650
Other Debt Service	16,175	4,719	11,456
Total Expenditures:	812,805	383,136	429,669
Transfers, Financing & Capital Outlays			
Transfer In	293,500	125,250	168,250
Total Transfers, Financing & Capital Outlays	293,500	125,250	168,250
Excess (Deficit) Revenues over (under) Expenditures	2,617,254	3,202,159	(584,905)
Beginning Fund Balance	4,455,973	4,455,973	
Ending Fund Balance	7,073,227	7,658,132	(584,905)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

100 - Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,630,860	1,613,280	(17,580)
Investment Income	480	-	(480)
Other Income	3,000	9,640	6,640
Total Revenue:	1,634,340	1,622,920	(11,420)
Expenditures:			
Contracted Services	183,280	124,708	58,572
Operating Expense	433,700	248,951	184,749
Total Expenditures:	616,980	373,659	243,321
Excess (Deficit) Revenues over (under) Expenditures	1,017,360	1,249,261	(231,901)
Beginning Fund Balance	1,480,838	1,480,838	-
Ending Fund Balance	2,498,198	2,730,099	(231,901)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,046,414	2,087,625	41,211
Investment Income	705	-	(705)
Other Income	39,500	-	(39,500)
Total Revenue:	2,086,619	2,087,625.00	1,006
Expenditures:			
Contracted Services	-	557	(557)
Other Debt Service	16,175	4,719	11,456
Total Expenditures:	16,175	5,276	10,899
Excess (Deficit) Revenues over (under) Expenditures	2,070,444	2,082,349	(11,905)
Beginning Fund Balance	1,198,937	1,198,937	-
Ending Fund Balance	3,269,381	3,281,286	(11,905)

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 12/31/2012

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	-	(2,600)
Total Revenue:	2,600	-	(2,600)
Expenditures:			
Contracted Services	-	4,201	(4,201)
Capital Outlay	179,650	-	179,650
Total Expenditures:	179,650	4,201	175,449
Transfers, Financing & Capital Outlays			
Transfer In	293,500	125,250	168,250
Total Transfers, Financing & Capital Outlays	293,500	125,250	168,250
Excess (Deficit) Revenues over (under) Expenditures	116,450	121,049	(4,599)
Beginning Fund Balance	1,776,198	1,776,198	-
Ending Fund Balance	1,892,648	1,897,247	(4,599)

South Indian River Water Control District


Statement of Revenues and Expenditures

From 10/1/2012 Through 12/31/2012

500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	413,800	243,432	(170,368)
Rents & Contracted Service Income	13,500	12,100	(1,400)
Total Revenue:	427,300	255,532	(171,768)
Expenditures:			
Personal Services	189,750	164,537	25,213
Contracted Services	55,697	20,034	35,663
Operating Expense	84,537	48,615	35,922
Office & Landowner Expense	20,203	3,655	16,548
Insurance	14,503	9,664	4,839
Total Expenditures:	364,690	246,505	118,185
Transfers, Financing & Capital Outlays			
Capital Outlay	133,500	125,250	8,250
Total Transfers, Financing & Capital Outlays	133,500	125,250	8,250
Excess (Deficit) Revenues over (under) Expenditures	(70,890)	(116,223)	(45,333)
Beginning Fund Balance	497,000	497,000	-
Ending Fund Balance	426,110	380,777	(45,333)

Memorandum

To	South Indian River Water Control District Board of Supervisors	Pages 5
CC		
Subject	Engineer's Report for January 2013	
From	Lennart J. Lindahl, PE, District Engineer 	
Board Meeting Date	January 17, 2013	

The following is a summary of activities and communications that were of significance during the months of December 2012 and January 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowner submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisor's on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project. Currently, staff has been directed to suspend work on the proposed Plan of Improvements pending the outcome of a Board of Supervisors workshop.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting and some required further evaluation by the Board and staff. Staff is currently working on these items in preparation for another workshop that will be scheduled in the near future.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. This year's Annual Report and the required standard operating procedures are currently being finalized for submittal. The next Steering Committee Meeting is scheduled for January 16, 2013 and the agenda includes a discussion of EPA proposed water quality regulations, including a Total Maximum Daily Load (TMDL) for the Lake Worth Lagoon and tributaries and Numeric Nutrient Criteria for south Florida canals and estuaries.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff has reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Palm Beach County attended the November 29, 2012 Board Meeting to present this revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also,

staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. Staff is currently working on several responses for additional information to the permitting agencies. In addition, staff is working to finalize a contract with a contractor for the work which is required for the Town of Jupiter permit and is continuing to explore grant opportunities.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the beginning of October and an interim report for the period from April 2010 – September 2012 is under preparation. The interim report should be ready for review by January 2013. A stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.
- E. The North Palm Beach County - Part 1 Comprehensive Everglades Restoration Plan (CERP) Project has been renamed the Loxahatchee River Watershed Restoration Plan. The overall purposes of this project are to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough, improve flow to enhance hydro-periods in the Loxahatchee Slough, increase base flows to the Northwest Fork of the Loxahatchee River, and reduce high discharges to the Lake Worth Lagoon. Concerns with the project that were developed by the Project Delivery Team include:
- 1) the cost benefit analysis for the L-8 reservoir
 - 2) connate seepage water management costs
 - 3) the project's purpose
 - 4) habitat units

In order to resolve concerns, the Army Corp of Engineers and SFWMD developed an additional modeling scope. The last schedule included Agency Technical Review in August, 2011, a revised Alternative Formulation Briefing to Corps management in February, 2012, and completion of an Alternative Formulation Briefing report in April, 2012. However, that schedule has now been pushed back indefinitely due to SFWMD's new program described below.

SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir

as a 45,000 ac-ft FEB for STAs 1W and 1E. As a “replacement feature”, the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via “Flow-way 2” (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed the Florida’s numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state’s proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge’s decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida’s water quality standards. Pursuant to federal regulations, this review is expected to happen every

three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

On November 1, 2012, staff attended a public meeting on the South Florida Canal Aquatic Life Study being conducted by FDEP. The study objectives are to: (1) assess aquatic life in South Florida canals; (2) determine interrelationships between aquatic life in canals and other variables that affect that aquatic life; (3) evaluate the differences in conditions for South Florida canals; and (4) collect information that can be used to guide management decisions. The study is to be used as a guide in developing numeric nutrient criteria for canals.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those waters not covered by FDEP's NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted. Written comments on the streams (ditch) criteria are due February 1, 2013 and on the estuary criteria by February 19, 2013. EPA is holding two public meetings in Tampa on January 17th and January 18th. There are also three webinars scheduled for January 22nd, 23rd, and 24th, 2013. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. Written comments are requested within 60 days of the notice. Staff is currently reviewing the proposed TMDL.

In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury and has published the document for review. Written comments will be accepted through August 27th, 2012 for the review of this document. Staff is currently reviewing this TMDL.

- H. Our office 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.



Over 85 Years of Service

BOARD OF SUPERVISORS MEETING

March 21, 2013 – 7:30 p.m.
Jupiter High School – Guidance Suite
500 N. Military Trail, Jupiter, FL 33458

A G E N D A

1. Invocation and Pledge of Allegiance
2. Consent Agenda
 - Approval of Minutes (January 10 & February 7 meetings)
 - 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



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period January 11, 2013 through March 14, 2013
DATE: March 14, 2013

ADMINISTRATIVE:

1. Attended Loxahatchee River Preservation Initiative meeting.
2. Attended meeting with District Engineer and South Florida Water Management to discuss pre-storm operations for Jupiter Farms and Palm Beach Country Estates.
3. Attended the Palm Beach County Safety Council meeting.
4. Meeting with Town of Jupiter Water Utilities Director, David Brown.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Meetings with North Florida Emulsions and Hubbard Construction to review and receive bids for maintenance on existing OGEM roads.
7. Meetings with Hardrives Construction and Community Asphalt to review and receive bids on 174th asphalt overlay maintenance.
8. Attended Staff meeting.
9. Meetings with District Engineer regarding the Canal 3 extension project.
10. On-site meetings with homeowners regarding various road and swale issues.
11. Phone conversations with the Florida Turnpike D.O.T. regarding maintenance on the Turnpike's East Borrow Canal.

MEMORANDUM

To: Board of Supervisors

Date: March 14, 2013

Page 2

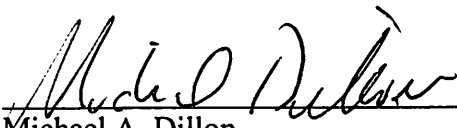
12. Beltone Inc. performed annual employee hearing tests.

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 2.3 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for eight driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Crews continue maintenance work along Canal 6 and Mellen Lane.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 100 cubic yards of road material to the District yard.
3. Lake Pointe Restoration hauled 455 tons of shell rock to the District yard.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Mar. 18, 2013

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

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

SUBJECT: Monthly Report March 2013

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

- ❖ Monthly Meeting (Mar. 21) release

The following items were uploaded to the website:

- ❖ March Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting (Mar. 21)
- ❖ Monthly Minutes (Nov. 29, 2012)
- ❖ Spring Newsletter
- ❖ 22nd Annual Landowners Family Day information

The 22nd Annual Landowners Family Day took place on Sat., March 16 from 11:30 am – 2:30 pm. 750 people enjoyed a beautiful day. Tom Jackson and his band played for the entertainment and Sonny's Real Pit Bar-B-Q served lunch to everyone. Each family that came in received a commemorative bag with the 90th Anniversary logo on it. Cock-A-Doodle Doo provided the petting zoo, bounce house and very popular face painter. The following community organizations attended: Boy Scout Troop 109/Venture Crew 2109, C.O.P. (Citizens on Patrol / Jupiter Farms & Palm Beach Country Estates), Drowning Prevention Coalition, Florida's Blood Centers, Florida Forest Service, Gaited Trail Riders, Jupiter Elks Lodge, The Jupiter Farmer, Jupiter Farms Residents, Jupiter Farms Pet Connection, Northeast Everglades Trail Association, Palm Beach County Fire Rescue, Palm Beach County Parks & Recreation, Palm Beach County Sheriff's Department / Wild Land Use and Crime Prevention Divisions, Rising Star Rottweiler Rescue, River Center, Safety Council of Palm Beach County and Solid Waste Authority.

The Spring newsletter was mailed out to all landowners and included results of recent workshops, stormwater information, roadway improvement project updates and the Annual Landowners Family Day.

Attended Staff Meeting (Mar. 13)

We are preparing the minutes from the Jan. 10 roadway workshop.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally.



To: Board of Supervisors
 FROM: Charles F. Haas, Treasurer
 RE: Treasurer's Report for the month of February 2013
 CC: Staff
 Date: March 15, 2013

Routine Business

1. The District has received a total of \$4,464,750 in assessment receipts through February 28, 2013 of the expected receipts for 2012/2013. This is consistent with collections for the same period in prior years.
2. We are continuing the process of closing the books and beginning the preparation of the financial statements.
3. On February 1, 2013 the following debt payments were made:

Bank	Loan Nbr	Name	Interest	Total
Wells Fargo Bank	26	Section 9 Phase II Loan Note		
Wells Fargo Bank	34	2002 Section 9 Phase IIA Note	1,227.32	
Wells Fargo Bank	18	2002 Section 9 Phase IIB Note	3,603.69	
Regions Bank	0000009001	2007 OGEM Road	54,617.41	54,617.41
Regions Bank	0001109073	2009 Hookup Financing Program	41,975.38	41,975.38
Regions Bank	0001354968	2011 Road Improvement	36,260.65	36,260.65
Regions Bank	0001380260	2011 Egret Landing Refunding	38,902.43	38,902.43

4. During the past month we have responded to landowner questions on the ability to prepay their debt assessments. We also responded to a request for information from Moody's Investors Service concerning the 2006 Water Distribution Bonds. They are conducting a review of their rating on this issue.

5. The following debt payments will be made on April 1, 2013 by direct authorization:

Bank	Loan Nbr	Name	Interest	Principal	Total
Wells Fargo Bank	42	2004 Series A OGEM Road	37,472	191,968	229,440
Wells Fargo Bank	59	2004 Series B Section 18 Road	7,105	34,954	42,059
Wells Fargo Bank	67	2004 Series C PBCE Road	9,555	26,295	35,850

6. 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

The Board will be asked to set the Manager of operations compensation package as called for in his contract. My recommendation on this matter will be communicated to the Board prior to the meeting.

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 02/28/2013

AGF - All Governmental Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,271,210	4,283,779	12,569
Rents & Contracted Service Income	0	9,646	9,646
Investment Income	4,615	3,158	(1,457)
Other Income	50,000	26,767	(23,233)
Total Revenue:	4,325,825	4,323,350	(2,475)
Expenditures:			
Contracted Services	309,630	208,031	101,599
Operating Expense	726,300	449,950	276,350
Office & Landowner Expense	-	24	(24)
Capital Outlay	179,650	135,523	44,127
Interest Paid	541,290	541,553	(263)
Other Debt Service	16,925	5,865	11,060
Total Expenditures:	1,773,795	1,340,946	432,849
Transfers, Financing & Capital Outlays			
Transfers-net	283,500	175,250	(108,250)
Total Transfers, Financing & Capital Outlays	283,500	175,250	(108,250)
Excess (Deficit) Revenues over (under) Expenditures	2,835,530	3,157,654	322,124
Beginning Fund Balance		4,370,905	
Ending Fund Balance		7,528,559	

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 02/28/2013

*100 - Special Revenue Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,834,330	1,817,222	(17,108)
Rents & Contracted Service Income	-	9,646	9,646
Investment Income	840	1,697	857
Other Income	6,000	100	(5,900)
Total Revenue:	1,841,170	1,828,665	(12,505)
Expenditures:			
Contracted Services	309,630	205,031	104,599
Operating Expense	726,300	449,950	276,350
Office & Landowner Expense	-	24	(24)
Total Expenditures:	1,035,930	655,005	380,925
Excess (Deficit) Revenues over (under) Expenditures	805,240	1,173,660	368,420
 Beginning Fund Balance		 1,484,126	
 Ending Fund Balance		 2,657,786	

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 02/28/2013

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,436,880	2,466,557	29,677
Investment Income	1,175	1,624	449
Other Income	44,000	26,667	(17,333)
Total Revenue:	2,482,055	2,494,848	12,793
Expenditures:			
Contracted Services	-	3,000	(3,000)
Interest Paid	541,290	541,553	(263)
Other Debt Service	16,925	5,865	11,060
Total Expenditures:	558,215	550,418	7,797
Other	(10,000)	(10,000)	
Total Transfers	(10,000)	(10,000)	-
Excess (Deficit) Revenues over (under) Expenditures	1,933,840	1,954,430	20,590
Beginning Fund Balance		1,197,937	

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 02/28/2013

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	(163)	(2,763)
Total Revenue:	2,600	(163)	(2,763)
Expenditures:			
Capital Outlay	179,650	135,523	44,127
Total Expenditures:	179,650	135,523	44,127
Transfers, Financing & Capital Outlays			
Transfers in	293,500	185,250	(108,250)
Total Transfers, Financing & Capital Outlays	293,500	185,250	(108,250)
Excess (Deficit) Revenues over (under) Expenditures	116,450	49,564	(66,886)
Beginning Fund Balance		1,688,842	
Ending Fund Balance		1,738,406	

South Indian River Water Control District
Statement of Revenues and Expenditures
From 10/1/2012 Through 02/28/2013

500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	688,600	430,170	(258,430)
Rents & Contracted Service Income	27,000	26,500	(500)
Investment Income	-	(142)	(142)
Other Income	-	380	380
Total Revenue:	715,600	456,908	(258,692)
Expenditures:			
Personal Services	316,650	300,767	15,883
Contracted Services	95,831	42,866	52,965
Operating Expense	134,508	85,365	49,143
Office & Landowner Expense	14,081	8,162	5,919
Insurance	18,750	16,008	2,742
Total Expenditures:	579,820	453,168	126,652
Transfers, Financing & Capital Outlays			
Transfers out	(183,500)	(175,250)	(8,250)
Total Transfers, Financing & Capital Outlays	(183,500)	(175,250)	(8,250)
Excess (Deficit) Revenues over (under) Expenditures	(47,720)	(171,510)	(123,790)
Beginning Fund Balance		497,000	
Ending Fund Balance		325,490	


Memorandum

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

CC

Subject Engineer's Report for March 2013

From Amy E. Eason, PE, District Engineer

Board Meeting Date March 21, 2013 

The following is a summary of activities and communications that were of significance during the months of February 2013 and March 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisor's on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. For the Asphalt project, Board directed staff to proceed with the preparation of the plan of improvement. Staff is prepared to update the Board at this month's meeting.

II. OPERATION AND MAINTENANCE

- A. National Pollutant Discharge Elimination System (NPDES) Steering Committee meetings were held on January 16th and February 20, 2013. The January meeting included an update on proposed EPA Total Maximum Daily Loads (TMDLs) for the Lake Worth Lagoon and tributaries and proposed Numeric Nutrient Criteria (NNC) for Palm Beach County Canals, Lake Worth Lagoon and the Loxahatchee River. The February meeting included final comments to EPA on proposed TMDLs and NNC and a presentation by an outside consulting team on an Alternative TMDL Approach. This year's Annual Report and the required standard operating procedures were finalized and submitted. The next Steering Committee Meeting is scheduled for March 20, 2013 and the agenda includes viewing of EXCAL Training videos for training credit.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new design proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Palm Beach County attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan. Staff continues to coordinate with Palm Beach County on this project.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work which is a requirement for the Town of Jupiter permit. Staff is prepared to update the Board of Supervisors on this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the beginning of October and an interim report for the period from April 2010 – September 2012 is under preparation. The interim report has not been distributed yet for review. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.
- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2" (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.
- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal

waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed the Florida's numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge's decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida's water quality standards. Pursuant to federal regulations, this review is expected to happen every three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

On November 1, 2012, staff attended a public meeting on the South Florida Canal Aquatic Life Study being conducted by FDEP. The study objectives are to: (1) assess aquatic life in South Florida canals; (2) determine interrelationships between aquatic life in canals and other variables that affect that aquatic life; (3) evaluate the differences in conditions for South Florida canals; and (4) collect information that can be used to guide management decisions. The study is to be used as a guide in developing numeric nutrient criteria for canals.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those

waters not covered by FDEP's NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. Written comments are requested within 60 days of the notice. Staff is currently reviewing the proposed TMDL.

In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury and has published the document for review. Written comments will be accepted through August 27th, 2012 for the review of this document. Staff will continue to monitor these developments.

- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. Our office 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.



BOARD OF SUPERVISORS MEETING

April 18, 2013 – 7:30 p.m.
Jupiter High School – Guidance Suite
500 N. Military Trail, Jupiter, FL 33458

AGENDA

1. Invocation and Pledge of Allegiance
2. Public Hearing regarding 2013 Landowner Initiated Roadway Improvement Project
3. Approval of minutes of previous meeting
4. Public Information report
5. Treasurer's report
6. Manager of Operations' report
7. Engineer's report
8. Attorney's Report
9. Old business
10. New business
11. Landowners' items
12. Adjourn

THE NOTICE OF HEARING SET FORTH BELOW IS BEING PROVIDED TO YOU PURSUANT TO SECTION 298.353, FLORIDA STATUTES.

NOTICE OF HEARING

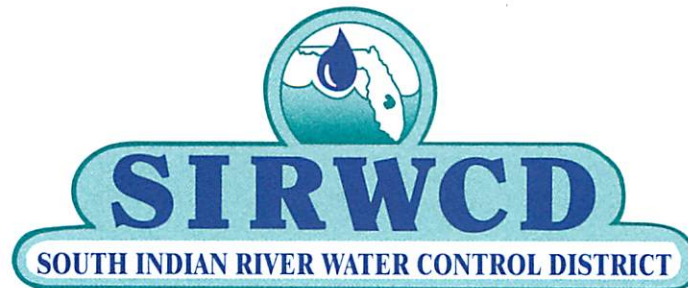
TO THE OWNERS AND ALL PERSONS INTERESTED IN THE LANDS CORPORATE, AND OTHER PROPERTY IN AND ADJACENT TO THE SOUTH INDIAN RIVER WATER CONTROL DISTRICT:

You are notified that the South Indian River Water Control District has filed in the office of the Secretary of the District a resolution to consider approval of an amendment to its current water control plan to provide for the 2013 Landowner Initiated Roadway Improvement Project as requested by landowners within the benefited area. On or before its scheduled meeting of April 18, 2013, beginning at 7:30 p.m., to be held at Jupiter High School, guidance suite, 500 N. Military Trail, Jupiter, Florida, written objections to the proposed plan may be filed at the District's offices located at 15600 Jupiter Farms Road, Jupiter, Florida 33478. A public hearing on the proposed plan will be conducted at the scheduled meeting and written objections will be considered at that time. At the conclusion of the hearing, the Board of Supervisors may determine to proceed with the process for approval of the proposed plan amendment and direct the District Engineer to prepare an Engineer's Report identifying any property to be taken, determining benefits and damages, and estimating the cost of implementing the improvements associated with the proposed plan amendment. A final hearing on approval of the plan amendment and Engineer's Report shall be duly noticed and held at a regularly scheduled Board of Supervisors' meeting at least 25 days but no later than 60 days after the last scheduled publication of the notice of filing of the Engineer's Report with the Secretary of the District.

Notice is Further Given that if any person decides to appeal any decision made by the Board of Supervisors with respect to any matter considered, a record of the proceedings will be needed for such purpose, and said person will need to ensure that a verbatim record of the proceeding is made, which record shall include the testimony and evidence upon which any appeal is to be based.

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in the Public Hearing because of a disability or physical impairment should contact the District at (561) 747-0550.

Michael I. Danchuk, President
Board of Supervisors
South Indian River Water Control District
Palm Beach County, Florida



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period March 15, 2013 through April 12, 2013
DATE: April 12, 2013

ADMINISTRATIVE:

1. Attended South Florida Water Management's Coordination Meeting on flood control operations and wet season readiness.
2. The District received the Award of Excellence in Vehicle Safety at the annual Palm Beach County Safety Council Awards Banquet.
3. Congratulations to Equipment Operator Matt Wood and his wife Heather on the birth of their baby girl!
4. Attended Palm Beach County Safety Council's quarterly meeting.
5. The Florida Department of Environmental Protection performed their annual inspection and found the District's storage tank facility in compliance.
6. Received \$2300.00 from Verizon for monthly lease.
7. Attended Staff meeting.
8. Meetings with District Engineer regarding various projects.
9. On-site meetings with homeowners regarding various road and swale issues.
10. Phone conversations with the Florida Turnpike D.O.T regarding maintenance on the Turnpike's East Borrow Canal.

MEMORANDUM

To: Board of Supervisors

Date: April 12, 2013

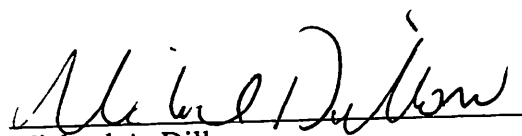
Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 1.92 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swale for one driveway culvert and performed three culvert inspections.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Murray Logan Construction installed a turbidity screen for vegetation control along the East Borrow Canal west of I-95.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. Community Asphalt installed asphalt overlay on 174th Ct. N between Alexander Run and 130th Ave.
3. North Florida Emulsion fog-sealed numerous roads in Jupiter Farms as part of the District's Road Maintenance Program.
4. North Florida Emulsion micro-surfaced 154th Rd and 155th Rd between Jupiter Farms Rd. and 91st Trail, 131st Way between 165th Rd. and 169th Ct. and 154th Rd. between Jupiter Farms Rd. and 105th Ave.


Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Apr. 12, 2013

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

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

SUBJECT: Monthly Report April 2013

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

- ❖ Monthly Meeting (Apr. 18) release

The following items were uploaded to the website:

- ❖ April Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting (Apr. 18) and Public Hearing on the 2013 Landowner Initiated
Roadway Improvement Project
- ❖ Workshop & Monthly Meeting Minutes (Jan. 10 & Feb. 7, 2013)
- ❖ District Engineer bio and photo
- ❖ OGEM Referendum Revote Notice

We assisted with preparation of the minutes from the Mar. 21 monthly meeting.

Attended Staff Meeting (Apr. 10)

Consulted on various projects with Staff, Supervisors and Manager of Operations.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally.



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of April 2013
CC: Staff
Date: April 12, 2013

Routine Business

1. The District has received a total of \$4,585,903 in assessment receipts through March 31, 2013 of the expected receipts for 2012/2013. This is consistent with collections for the same period in prior years.
2. We are continuing to work with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2012.
3. The April 1st debt payments were made as scheduled.
4. On March 21st the District's annual continuing disclosure requirements for the 2006 Water Distribution Bonds was satisfied by the filing of assessment data and financial statements with the Municipal Securities Rulemaking Board via their online EMMA system.
5. This month we will be starting the annual budget process. If a Supervisor is thinking of a new program or a change in the service level of an existing program please let me or the Manager of Operations know, so it can be incorporated in the budget document.
6. 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

No Items

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

*AGF - All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,369,450	4,402,099	32,649
Rents & Contracted Service	-	9,646	9,646
Investment Income	5,030	3,396	(1,634)
Other Income	51,000	26,767	(24,233)
Total Revenue:	4,425,480	4,441,908	16,428
Expenditures:			
Contracted Services	366,850	284,051	82,799
Operating Expense	867,600	867,125	475
Office & Landowner Expense	-	24	(24)
Capital Outlay	179,650	135,523	44,127
Principal Paid	-	253,217	(253,217)
Interest Paid	541,290	595,684	(54,394)
Other Debt Service	42,085	11,301	30,784
Total Expenditures:	1,997,475	2,146,925	(149,450)
Transfers, Financing & Capital Outlays			
Transfers-net	283,500	175,250	(108,250)
Total Transfers, Financing & Capital	283,500	175,250	(108,250)
Excess (Deficit) Revenues over (under) Expenditures	2,711,505	2,470,233	(241,272)
Beginning Fund Balance		4,370,905	
Ending Fund Balance		6,841,138	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

100 - Special Revenue Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,873,850	1,870,466	(3,384)
Rents & Contracted Service	-	9,646	9,646
Investment Income	1,020	1,808	788
Other Income	6,000	100	(5,900)
Total Revenue:	<u>1,880,870</u>	<u>1,882,020</u>	<u>1,150</u>
Expenditures:			
Contracted Services	366,850	284,051	82,799
Operating Expense	867,600	867,125	475
Office & Landowner Expense	-	24	(24)
Total Expenditures:	<u>1,234,450</u>	<u>1,151,200</u>	<u>83,250</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>646,420</u>	<u>730,820</u>	<u>84,400</u>
Beginning Fund Balance		1,484,126	
Ending Fund Balance		<u>2,214,946</u>	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,495,600	2,531,633	36,033
Investment Income	1,410	1,819	409
Other Income	45,000	26,667	(18,333)
Total Revenue:	2,542,010	2,560,119	18,109
Expenditures:			
Contracted Services	-	-	-
Principal Paid	-	253,217	(253,217)
Interest Paid	541,290	595,684	(54,394)
Other Debt Service	42,085	11,301	30,784
Total Expenditures:	583,375	860,202	(276,827)
Transfers, Financing & Capital Outlays			
Transfers-net	(10,000)	(10,000)	
Total Transfers	(10,000)	(10,000)	-
Excess (Deficit) Revenues over (under) Expenditures	1,948,635	1,689,917	(258,718)
Beginning Fund Balance		1,197,937	
Ending Fund Balance		2,887,854	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	(231)	(2,831)
Total Revenue:	2,600	(231)	(2,831)
Expenditures:			
Capital Outlay	179,650	135,523	44,127
Total Expenditures:	179,650	135,523	44,127
Transfers, Financing & Capital Outlays			
Transfers in	293,500	185,250	(108,250)
Total Transfers, Financing & Capital	293,500	185,250	(108,250)
Excess (Deficit) Revenues over (under) Expenditures	116,450	49,496	(66,954)
Beginning Fund Balance		1,688,842	
Ending Fund Balance		1,738,338	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013


*500 - Internal Service Fund
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	826,000	833,503	7,503
Rents & Contracted Service	27,000	28,800	1,800
Investment Income	-	(187)	(187)
Other Income	-	430	430
Total Revenue:	853,000	862,546	9,546
Expenditures:			
Personal Services	380,100	360,495	19,605
Contracted Services	108,398	56,467	51,931
Operating Expense	161,364	113,285	48,079
Office & Landowner Expense	16,898	9,179	7,719
Insurance	22,500	19,449	3,051
Total Expenditures:	689,260	558,875	130,385
Transfers, Financing & Capital Outlays			
Transfers out	(183,500)	(302,354)	118,854
Total Transfers, Financing & Capital	(183,500)	(302,354)	118,854
Excess (Deficit) Revenues over (under) Expenditures	(19,760)	1,317	21,077
Beginning Fund Balance		497,000	
Ending Fund Balance		498,317	

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

CC

Subject Engineer's Report for March 2013

From Amy E. Eason, PE, District Engineer 

Board Meeting Date April 18, 2013

The following is a summary of activities and communications that were of significance during the month of April 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisor's on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. A referendum with a letter of explanation was sent to the affected landowners on March 27, 2013 with the request that the landowners submit their response to the District by April 27, 2013.

For the Asphalt project, Board directed staff to proceed with the preparation of the plan of improvement. The Plan of Improvement was submitted to the District office on March 22, 2013 for public review. A public hearing will be held at this month's board meeting. Staff is prepared to update the Board.

II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting was held on March 20, 2013. The meeting included viewing of EXCAL Training videos for training credit. A free Stormwater Erosion and Sediment Control Inspector Training Course is being offered on May 15th and 16th in Jupiter. The next Steering Committee Meeting is scheduled for June 26, 2013 and the agenda includes a presentation by the Florida Department of Environmental Protection.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new design proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Palm Beach County attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan. Staff continues to coordinate with Palm Beach County on this project.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation for Riverbend Park to discuss the extension of Canal 3 directly east into the park.

Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District (SFWMD) for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work, which is a requirement for the Town of Jupiter permit. The project has received its SFWMD permits and Army Corp of Engineer's Permit, and the contractor is in the process of finalizing the Town of Jupiter permit. Staff is prepared to update the Board of Supervisors on this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through the beginning of October and an interim report for the period from April 2010 – September 2012 is under preparation. The interim report has not been distributed yet for review. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.
- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas (STAs) to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2" (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.
- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The first notice of rulemaking for estuaries and coastal

waters was expected to be November 14, 2011 with final promulgation expected on August 15, 2012.

Staff attended a meeting conducted by the Florida Department of Environmental Protection (FDEP) on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010 and on November 17, 2010. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. Staff is reviewing these standards as they affect the District. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed the Florida's numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules has been filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules were required ratification by the Florida Legislature, but Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notifies the EPA of the judge's decision, EPA will have 60 days to approve the state rules and then would have to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA is finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This will allow the EPA to review the Florida ERC approved numeric nutrient criteria. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

On May 15, 2012, staff attended a public workshop on Triennial Review of State Surface Water Quality Standards. This review is required by the Federal Clean Water Act to publically review, and update as necessary, Florida's water quality standards. Pursuant to federal regulations, this review is expected to happen every three years. The topics that were reviewed were Human Health-Based Criteria and Dissolved Oxygen Criteria.

On November 1, 2012, staff attended a public meeting on the South Florida Canal Aquatic Life Study being conducted by FDEP. The study objectives are to: (1) assess aquatic life in South Florida canals; (2) determine interrelationships between aquatic life in canals and other variables that affect that aquatic life; (3) evaluate the differences in conditions for South Florida canals; and (4) collect information that can be used to guide management decisions. The study is to be used as a guide in developing numeric nutrient criteria for canals.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those waters not covered by FDEP's NNC, such as urban storm water conveyances, and



many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted.

On March 15, 2013, EPA and FDEP reached an agreement on setting NNC for Florida's waterways. The plan includes proposing state legislation and adopting additional state rules that, when combined, will eliminate the need for continued dual rulemaking and secure a single solution for Florida. The proposed legislation requires FDEP to complete its NNC rulemaking for the remaining coastal and estuarine waters by December 1, 2014 and establish interim nutrient standards until then. The legislation also includes requirements for NNC conditions in all managed conveyances and canals. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury. Staff will continue to monitor these developments.
- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. At the March board meeting, staff was directed by the Board to investigate Palm Beach County's practices for determining the need for traffic calming devices within their rights-of way within the District's boundaries. Staff continues to investigate this matter and will report on the matter at next month's meeting.
- J. Our office 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.



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period April 13, 2013 through May 15, 2013
DATE: May 15, 2013

ADMINISTRATIVE:

1. Attended North County Land Manager's Meeting at Riverbend Park.
2. Attended Palm Beach County Safety Council Board Meeting.
3. Attended pre-construction meeting for the Canal Three Extension project with District Engineer, and Syd Hobbs, with Construction Technology, and Officials from Riverbend Park.
4. Reviewed the 2013–2014 District Budget.
5. Received \$2300.00 from Verizon for monthly lease.
6. Renewed contract with G&K Uniform Supply Company.
7. Meeting with District Engineer regarding various projects.
8. On-site meetings with homeowners regarding various road and swale issues.

MEMORANDUM

To: Board of Supervisors

Date: May 15, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 7.7 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for two driveway culverts and performed two culvert inspections.
5. Terra Tech continues canal spraying for aquatic weed control.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.


Michael A. Dillon
Manager of Operations

MAD/cw



**DICK GRUENWALD
ASSOCIATES, LLC**

May 16, 2013

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

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

SUBJECT: Monthly Report May 2013

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

- ❖ Monthly Meeting/Ethics Workshop (May 23) release
- ❖ Cancellation (May 16) meeting notice

The following items were uploaded to the website:

- ❖ May Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Ethics Workshop (May 23) and Cancellation of May 16 monthly meeting
- ❖ Monthly Meeting minutes (Mar. 21)
- ❖ Town of Jupiter – Jupiter Farms water survey notice and results
- ❖ OGEM Road revote update

Attended Staff Meeting (May 9)

Consulted on various projects with Staff, Supervisors and Manager of Operations.


Arranged for Amy Eason's photo shoot and ordered 8x10 print.

We continue to work with Mr. Rice and the Manager of Operations on a regular basis, as well as supplying supervisors and members of the staff newspaper clippings on SIRWCD related stories, articles on roads, drainage and other issues of interest in Palm Beach County and Florida, as well as nationally.

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

CC

Subject Engineer's Report for May 2013

From Amy E. Eason, PE, District Engineer 

Board Meeting Date May 23, 2013

The following is a summary of activities and communications that were of significance during the month of May 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisors on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. A referendum with a letter of explanation was sent to the affected landowners on March 27, 2013 with the request that the landowners submit their response to the District by April 27, 2013. The results of the referendum were certified by the Supervisor of Elections on May 7, 2013 and both OGEM roadway segments were "in favor" of the project.

Board directed staff to proceed with the preparation of the Plan of Improvement. The Plan of Improvement was submitted to the District office on March 22, 2013 for public review and a public hearing was held on April 18, 2013. The Board has directed staff to begin preparing the Engineer's Report. Staff is prepared to update the Board.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. A free Stormwater Erosion and Sediment Control Inspector Training Course is being offered on May 15th and 16th in Jupiter. The next Steering Committee Meeting is scheduled for June 26, 2013 and the agenda includes a presentation by the Florida Department of Environmental Protection.
- B. On January 24, 2008, staff met with Palm Beach County to discuss their plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning and permitting stages of a proposed project to improve the natural areas of the property while expanding the water features. Since the January 2008 meeting, staff has participated in many meetings with Palm Beach County to evaluate the project. On February 10, 2011, a Board of Supervisors workshop was held to update the Board and public on the project.

In accordance with Board direction, staff submitted a letter of conceptual approval to Palm Beach County subject to satisfying the items that were discussed at the Board of Supervisors meeting. South Florida Water Management District (SFWMD) issued a permit for the project on July 5, 2011. Staff met with Palm Beach County on November 3, 2011 to discuss the status of the project and operation of the facilities. On February 9, 2012, staff received a draft operation plan for the Hatcher Property. Staff reviewed the operation plan, but on May 10, 2012, Palm Beach County met with staff concerning a new design proposal. At the May 17, 2012 Board Meeting, Palm Beach County presented their new proposal to the Board and staff.

Staff attended a meeting on October 16, 2012 to review a revised plan with Palm Beach County. Palm Beach County attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

On May 6, 2013, Palm Beach County received their SFWMD permit for the project and has reached out to staff to finalize their permit from SIRWCD. Staff continues to coordinate with Palm Beach County on this project.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation representatives for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District (SFWMD) for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work, which is a requirement for the Town of Jupiter permit. The project has received permits from SFWMD, the Army Corp of Engineers, and the Town of Jupiter.

Staff held a pre-construction meeting on April 24, 2013 with the contractor and Palm Beach County Parks and Recreation. Construction was scheduled to begin May 13, 2013. Staff is prepared to update the Board of Supervisors on this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through March 2013 and a report for the period from April 2010 – March 2013 is under preparation. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.

SFWMD has expressed interest in discussing the potential for reconnecting PC-10 to allow water to return to C-18 through the culvert located at the west end of SIRWCD Canal E. SFWMD would like to explore an opportunity to capture excess water from dry season storm events to contribute dry season flows to the Loxahatchee River. Staff is prepared to meet with SFWMD to discuss these items.

- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas (STAs) to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8

Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a “replacement feature”, the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via “Flow-way 2” (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

F. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed Florida’s numeric nutrient criteria, which include the following:

- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
- an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules was filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state’s proposed new water quality rules. The rules required ratification by the Florida Legislature; however, Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notified the EPA of the judge’s decision, EPA had 60 days to approve the state rules and then had to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA was finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This allowed the EPA to review the Florida ERC approved numeric nutrient criteria.

On November 30, 2012, EPA announced its approval of FDEP’s NNC. However, EPA also proposed additional regulations that would apply EPA’s criteria to those waters not covered by FDEP’s NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted.

On March 15, 2013, EPA and FDEP reached an agreement on setting NNC for Florida’s waterways. The plan includes proposing state legislation and adopting additional state rules that, when combined, will eliminate the need for continued dual rulemaking and secure a single solution for Florida. The proposed legislation requires FDEP to complete its NNC rulemaking for the remaining coastal and estuarine waters by December 1, 2014 and establish interim nutrient standards until then. The legislation also includes requirements for NNC conditions in all managed conveyances and canals. Staff will continue to monitor these developments.



- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury. Staff will continue to monitor these developments.
- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. At the March board meeting, staff was directed by the Board to investigate Palm Beach County's practices for determining the need for traffic calming devices within their rights-of way within the District's boundaries. Staff continues to investigate this matter.
- J. Our office 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.

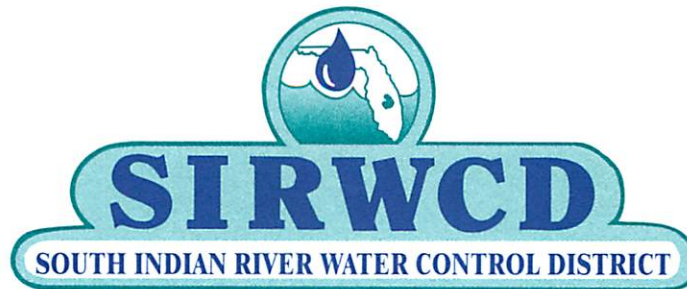


BOARD OF SUPERVISORS MEETING

June 20, 2013 – 7:30 p.m.
Jupiter High School – Guidance Suite
500 N. Military Trail, Jupiter, FL 33458

AGENDA

1. Invocation and Pledge of Allegiance
2. Consent Agenda
 - Approval of Minutes (May 23rd meeting)
 - 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



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period May 16, 2013 through June 13, 2013
DATE: June 13, 2013

ADMINISTRATIVE:

1. Attended Florida Association of Special Districts conference.
2. Attended Safety Council of Palm Beach County Board meeting.
3. Construction began on the Canal 3 Extension Project in Riverbend Park.
4. Numerous conference calls with South Florida Water Management District regarding Tropical Storm Andrea.
5. Worked with District Treasurer on the upcoming 2013-14 Budget.
6. Received \$2,300 from Verizon for the monthly lease.
7. Received \$7,500 from Palm Beach County for quarterly maintenance.
8. Meetings with District Engineer regarding various projects.
9. On-site meetings with homeowners regarding various road and drainage issues.
10. Operator, Matt Wood, received his Class B CDL license.

MEMORANDUM

To: Board of Supervisors

Date: June 13, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 11 inches of rain at the District work center this reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for five driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. Lake Pointe Restoration hauled 570 tons of shell mix to District yard.
3. D.S. Eakins hauled 508 yards of stabilizer to District yard.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

June 14, 2013

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

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

SUBJECT: Monthly Report June 2013

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

- ❖ Monthly Meeting (June 20) release

The following items were uploaded to the website:

- ❖ June Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting minutes (April 18)
- ❖ OGEM Road revote results
- ❖ Updated Staff Engineers bio picture

Attended Monthly/Ethics meeting (May23)

We are beginning work on the next newsletter, which will include roadway improvement project information, work on Canal 3, introduction of new district engineer, NPDES information, supervisor election and Annual Budget and Landowners meeting.

Consulted on various projects with Staff, Supervisors and Manager of Operations.

We continue to work with Mr. Rice 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 10/01/2012 to 02/31/2013

*AGF - All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,828,090	4,772,489	(55,601)
Rents & Contracted Service	-	9,646	9,646
Investment Income	5,860	5,801	(59)
Other Income	58,500	64,102	5,602
Total Revenue:	<u>4,892,450</u>	<u>4,852,038</u>	<u>(40,412)</u>
Expenditures:			
Contracted Services	472,855	422,572	50,283
Operating Expense	1,150,200	966,790	183,410
Office & Landowner Expense	-	24	(24)
Capital Outlay	179,650	186,640	(6,990)
Principal Paid	253,218	253,217	1
Interest Paid	595,572	595,684	(112)
Other Debt Service	50,810	9,020	41,790
Total Expenditures:	<u>2,702,305</u>	<u>2,433,947</u>	<u>268,358</u>
Transfers, Financing & Capital Outlays			
Transfers-net	283,500	225,250	(58,250)
Total Transfers, Financing & Capital	<u>283,500</u>	<u>225,250</u>	<u>(58,250)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>2,473,645</u>	<u>2,643,341</u>	<u>169,696</u>
Beginning Fund Balance		<u>4,370,904</u>	
Ending Fund Balance		<u>7,014,245</u>	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

*100 - Special Revenue Funds
(In Whole Numbers)*

	<u>YTD Budget</u>	<u>Year to Date Actual</u>	<u>Budget Variance</u>
Revenue:			
Assessments - Net	2,068,250	2,033,439	(34,811)
Rents & Contracted Service	-	9,646	9,646
Investment Income	1,380	2,628	1,248
Other Income	9,000	100	(8,900)
Total Revenue:	<u>2,078,630</u>	<u>2,045,813</u>	<u>(32,817)</u>
Expenditures:			
Contracted Services	472,855	401,665	71,190
Operating Expense	1,150,200	966,790	183,410
Office & Landowner Expense	-	24	(24)
Total Expenditures:	<u>1,623,055</u>	<u>1,368,479</u>	<u>254,576</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>455,575</u>	<u>677,334</u>	<u>221,759</u>
Beginning Fund Balance		1,484,126	
Ending Fund Balance		<u>2,161,460</u>	



To: Board of Supervisors
FROM: Charles F. Haas, Treasurer
RE: Treasurer's Report for the month of June 2013
CC: Staff
Date: June 20, 2013

Routine Business

1. The District has received a total of \$4,960,260 in assessment receipts through May 30, 2013 of the expected receipts for 2012/2013. This is consistent with collections for the same period in prior years.
2. We are continuing to work with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2012. We expect the report to be delivered by the end of June.
3. We completed the investment report summarizing the District's investment results for the six-month period ended March 31, 2013 and a copy of the report will be sent to the Board
4. In a separate message we are forwarding the initial draft of the 2013/14 budget.
5. We have instructed Regions Trust Services, the trustee for the 2006 Water Distribution Bonds, to call \$400,000 of the Series B bonds. The call will be on August 1, 2013, the next payment date.
6. 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 discuss the budget for the coming fiscal year 2013-14

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,759,840	2,739,050	(20,790)
Investment Income	1,880	3,386	1,506
Other Income	49,500	64,002	14,502
Total Revenue:	<u>2,811,220</u>	<u>2,806,438</u>	<u>(4,782)</u>
Expenditures:			
Contracted Services	-	4,128	(4,128)
Principal Paid	253,218	253,217	1
Interest Paid	595,572	595,684	(112)
Other Debt Service	50,810	9,020	41,790
Total Expenditures:	<u>899,600</u>	<u>862,049</u>	<u>37,551</u>
Transfers, Financing & Capital Outlays			
Transfers-net	(10,000)	(10,000)	
Total Transfers	<u>(10,000)</u>	<u>(10,000)</u>	-
<hr/>			
Excess (Deficit) Revenues over (under) Expenditures	<u>1,901,620</u>	<u>1,934,389</u>	<u>32,769</u>
<hr/>			
Beginning Fund Balance		<u>1,197,937</u>	
<hr/>			
Ending Fund Balance		<u>3,132,326</u>	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	(213)	(2,813)
Total Revenue:	2,600	(213)	(2,813)
Expenditures:			
Contracted Services	-	20,907	(20,907)
Capital Outlay	179,650	182,512	(2,862)
Total Expenditures:	179,650	203,419	(23,769)
Transfers, Financing & Capital Outlays			
Transfers in	(293,500)	(235,250)	58,250
Total Transfers, Financing & Capital	(293,500)	(235,250)	58,250
Excess (Deficit) Revenues over (under) Expenditures	116,450	31,618	31,668
Beginning Fund Balance		1,688,842	
Ending Fund Balance		1,720,460	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 02/31/2013


500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,100,800	928,723	(172,077)
Rents & Contracted Service	40,500	40,900	400
Investment Income	-	(284)	(284)
Other Income	-	430	430
Total Revenue:	1,141,300	969,769	(171,531)
Expenditures:			
Personal Services	507,000	481,521	25,479
Contracted Services	133,532	80,440	53,092
Operating Expense	215,076	162,829	52,247
Office & Landowner Expense	22,532	12,248	10,284
Insurance	30,000	26,332	3,668
Total Expenditures:	908,140	763,370	144,770
Transfers, Financing & Capital Outlays			
Transfers out	233,500	352,534	(119,034)
Total Transfers, Financing & Capital	233,500	352,534	(119,034)
Excess (Deficit) Revenues over (under) Expenditures	466,660	558,933	92,273
Beginning Fund Balance		497,000	
Ending Fund Balance		1,055,933	

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

CC

Subject Engineer's Report for June 2013

From Amy E. Eason, PE, District Engineer 

Board Meeting
Date June 20, 2013

The following is a summary of activities and communications that were of significance during the month of June 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisors on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. A referendum with a letter of explanation was sent to the affected landowners on March 27, 2013 with the request that the landowners submit their response to the District by April 27, 2013. The results of the referendum were certified by the Supervisor of Elections on May 7, 2013 and both OGEM roadway segments were "in favor" of the project.

Board directed staff to proceed with the preparation of the Plan of Improvement. The Plan of Improvement was submitted to the District office on March 22, 2013 for public review and a public hearing was held on April 18, 2013.

After the public hearing, the Board directed staff to proceed with the preparation of the Engineer's Report. The Engineer's Report was submitted to the District office on May 23, 2013. Staff is preparing the necessary notices for the public hearing on the Engineer's Report for the proposed hearing to be scheduled at the next Board meeting on July 18, 2013. Staff is prepared to update the Board.

- B. Staff has received requests for petitions from landowners for roadway improvement projects. Per the February 2013 workshop, staff has developed an updated petition to distribute to landowners as they request it. In addition, staff has been reviewing the limits of the roadway improvement requests before distributing the updated petition for circulation. For notification, signs are proposed to be installed stating that a petition is being circulated in the area. Staff will update the Board as valid petitions are received.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. The next Steering Committee Meeting is scheduled for June 26, 2013 and the agenda includes a presentation by the Florida Department of Environmental Protection.
- B. Since January 24, 2008, staff has been working with Palm Beach County on plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County proposes to improve the natural areas of the property while expanding the water features.

On October 16, 2012, Palm Beach County revised its original plan and attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

On May 6, 2013, Palm Beach County received their SFWMD permit for the project and has reached out to staff to finalize their SIRWCD permit application. Staff is working with Palm Beach County on completing the application.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation representatives for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District (SFWMD) for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work, which is a requirement for the Town of Jupiter permit. The project has received permits from SFWMD, the Army Corp of Engineers, and the Town of Jupiter.

Staff held a pre-construction meeting on April 24, 2013 with the contractor and Palm Beach County Parks and Recreation. Construction began May 27, 2013 and staff continues to monitor the progress of this project. Staff is prepared to update the Board of Supervisors on this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through March 2013 and a report for the period from April 2010 – March 2013 is under preparation. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.

SFWMD has expressed interest in discussing the potential for reconnecting PC-10 to allow water to return to C-18 through the culvert located at the west end of SIRWCD Canal E. SFWMD would like to explore an opportunity to capture excess water from dry season storm events to contribute dry season flows to the Loxahatchee River. Staff is prepared to meet with SFWMD to discuss these items.

- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas (STAs) to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via

“Flow-way 2” (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

- F. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed Florida’s numeric nutrient criteria, which include the following:
- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
 - an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules was filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state’s proposed new water quality rules. The rules required ratification by the Florida Legislature; however, Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notified the EPA of the judge’s decision, EPA had 60 days to approve the state rules and then had to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA was finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This allowed the EPA to review the Florida ERC approved numeric nutrient criteria.

On November 30, 2012, EPA announced its approval of FDEP’s NNC. However, EPA also proposed additional regulations that would apply EPA’s criteria to those waters not covered by FDEP’s NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted.

On March 15, 2013, EPA and FDEP reached an agreement on setting NNC for Florida’s waterways. The plan includes proposing state legislation and adopting additional state rules that, when combined, will eliminate the need for continued dual rulemaking and secure a single solution for Florida. The proposed legislation requires FDEP to complete its NNC rulemaking for the remaining coastal and estuarine waters by December 1, 2014 and establish interim nutrient standards until then. The legislation also includes requirements for NNC conditions in all managed conveyances and canals. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved



oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury. Staff will continue to monitor these developments.

- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. At the March board meeting, staff was directed by the Board to investigate Palm Beach County's practices for determining the need for traffic calming devices within their rights-of-way within the District's boundaries. In May, staff received information on the speed hump work on Brian's Way. Staff is preparing a letter to Palm Beach County per the Board's direction at the March board meeting concerning the findings of the documents. Staff continues to investigate this matter.
- J. Our office 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.



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period June 14, 2013 through July 12, 2013
DATE: July 12, 2013

ADMINISTRATIVE:

1. Attended Loxahatchee River Management Coordinating Council meeting.
2. Attended Safety Council of Palm Beach County Board meeting.
3. Met with Palm Beach Country Dept. of Environmental Resources Management to discuss repair work on Canal 7 and the PC-9 culvert.
4. On-site meetings with the District Engineer, Palm Beach County and Construction Technology regarding the Canal 3 Extension Project.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Meetings with District Engineer regarding various projects.
7. On-site meetings with homeowners regarding various road and swale issues.

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.

MEMORANDUM

To: Board of Supervisors

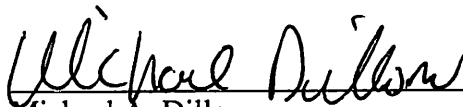
Date: July 12, 2013

Page 2

2. Received 4.07 inches of rain at the District work center this reporting period. Since May 1st we have recorded 22.09 inches of rain. This is nine inches more than what was recorded at this same period last year and the most received since 2007 (22.46 inches).
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for two driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. Lake Pointe Restoration hauled 402 tons of shell mix to District yard.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

July 12, 2013

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

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

SUBJECT: Monthly Report July 2013

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

- ❖ Monthly Meeting (July 18) cancellation release

The following items were uploaded to the website:

- ❖ July Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting minutes (May 23)
- ❖ Monthly Meeting (July 18) cancellation update

Attended Monthly Meeting (June 20)

We are working on the next newsletter, which will include work on Canal 3, roadway improvement project information, introduction of new district engineer, NPDES information, supervisor election, hurricane preparedness and Annual Budget, Public Hearing, and Landowners meeting.


Consulted on various projects with Staff, Supervisors and Manager of Operations.

We continue to work with Mr. Rice 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 South Indian River Water Control District
Board of Supervisors Pages 5

CC

Subject Engineer's Report for July 2013

From Amy E. Eason, PE, District Engineer 

Board Meeting Date July 18, 2013 (Cancelled)

The following is a summary of activities and communications that were of significance during the month of July 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisors on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. A referendum with a letter of explanation was sent to the affected landowners on March 27, 2013 with the request that the landowners submit their response to the District by April 27, 2013. The results of the referendum were certified by the Supervisor of Elections on May 7, 2013 and both OGEM roadway segments were "in favor" of the project.

Board directed staff to proceed with the preparation of the Plan of Improvement. The Plan of Improvement was submitted to the District office on March 22, 2013 for public review and a public hearing was held on April 18, 2013.

After the public hearing, the Board directed staff to proceed with the preparation of the Engineer's Report. The Engineer's Report was submitted to the District office on May 23, 2013. Staff is preparing the necessary notices for the public hearing on the Engineer's Report for the proposed hearing to be scheduled at the next Board meeting on August 15, 2013.

- B. Staff has received requests for petitions from landowners for roadway improvement projects. Per the February 2013 workshop, staff has developed an updated petition to distribute to landowners as they request it. In addition, staff has been reviewing the limits of the roadway improvement requests before distributing the updated petition for circulation. For notification, signs are being installed stating that a petition is being circulated in the area. Staff will update the Board as valid petitions are received.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. The June 26, 2013 Steering Committee Meeting was cancelled because the Florida Department of Environmental Protection staff were not available. The next meeting date has not been scheduled.
- B. Since January 24, 2008, staff has been working with Palm Beach County on plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County proposes to improve the natural areas of the property while expanding the water features.

On October 16, 2012, Palm Beach County revised its original plan and attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

On May 6, 2013, Palm Beach County received their SFWMD permit for the project and has reached out to staff to finalize their SIRWCD permit application. Staff is working with Palm Beach County on completing the application.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation representatives for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District (SFWMD) for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work, which is a requirement for the Town of Jupiter permit. The project has received permits from SFWMD, the Army Corp of Engineers, and the Town of Jupiter.

Staff held a pre-construction meeting on April 24, 2013 with the contractor and Palm Beach County Parks and Recreation. Construction began May 27, 2013 and staff continues to monitor the progress of this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through March 2013 and a report for the period from April 2010 – March 2013 is under preparation. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.

SFWMD has expressed interest in discussing the potential for reconnecting PC-10 to allow water to return to C-18 through the culvert located at the west end of SIRWCD Canal E. SFWMD would like to explore an opportunity to capture excess water from dry season storm events to contribute dry season flows to the Loxahatchee River. Staff is prepared to meet with SFWMD to discuss these items.

- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas (STAs) to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2" (C-18 West Canal through C-18 and Loxahatchee Slough) to the

Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.

- F. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed Florida's numeric nutrient criteria, which include the following:
- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
 - an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules was filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules required ratification by the Florida Legislature; however, Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notified the EPA of the judge's decision, EPA had 60 days to approve the state rules and then had to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA was finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This allowed the EPA to review the Florida ERC approved numeric nutrient criteria.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those waters not covered by FDEP's NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted.

On March 15, 2013, EPA and FDEP reached an agreement on setting NNC for Florida's waterways. The plan includes proposing state legislation and adopting additional state rules that, when combined, will eliminate the need for continued dual rulemaking and secure a single solution for Florida. The proposed legislation requires FDEP to complete its NNC rulemaking for the remaining coastal and estuarine waters by December 1, 2014 and establish interim nutrient standards until then. The legislation also includes requirements for NNC conditions in all managed conveyances and canals. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and



Egret Landing. In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury. Staff will continue to monitor these developments.

- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. At the March board meeting, staff was directed by the Board to investigate Palm Beach County's practices for determining the need for traffic calming devices within their rights-of-way within the District's boundaries. In May, staff received information on the speed hump work on Brian's Way. Staff is preparing a letter to Palm Beach County per the Board's direction at the March board meeting concerning the findings of the documents. Staff continues to investigate this matter.
- J. Our office 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.

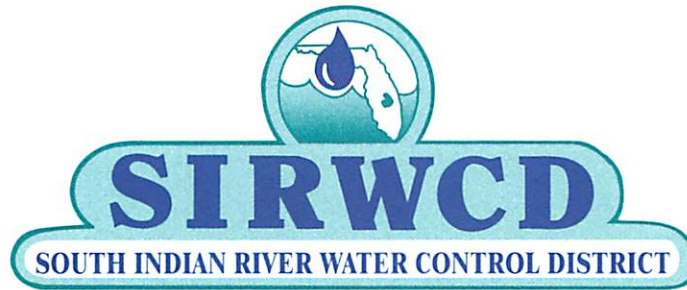


BOARD OF SUPERVISORS MEETING

August 15, 2013 – 7:30 p.m.
Jupiter High School – Guidance Suite
500 N. Military Trail, Jupiter, FL 33458

A G E N D A

1. Invocation and Pledge of Allegiance
2. Public Hearing regarding 2013 Landowner Initiated Roadway Improvement Project
3. Consent Agenda
 - Approval of Minutes (June 20th meeting)
 - Approval of Warrant List
4. Public Information report
5. Public Hearing on the Budget
6. Treasurer's report
 - Consideration of budget
 - Consideration of Intention to Elect the Uniform Method of Collection of Non Ad Valorem assessments for the fiscal year 2012-2013.
7. Manager of Operations' report
8. Engineer's report
9. Attorney's Report
10. Old business
11. New business
12. Landowners' items
12. Adjourn



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period July 13, 2013 through August 9, 2013
DATE: August 9, 2013

ADMINISTRATIVE:

1. Attended North County Land Managers meeting at Jonathan Dickinson State Park.
2. Reviewed District canals with aquatic weed spraying contractor and pinpointed areas for maintenance.
3. Met with Palm Beach County Environmental to discuss repair work on Canal 7 berm that backs up to the Loxahatchee Slough Natural Area.
4. On-site meetings with the District Engineer, Palm Beach County and Construction Technology regarding the Canal 3 extension project.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Meetings with District Engineer regarding various projects.
7. Meetings with homeowners to discuss drainage issues, standing water in swales and road conditions.
8. Attended Staff meeting.

MEMORANDUM

To: Board of Supervisors

Date: August 9, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District. Boom mowing has been delayed in some sections due to the amount of water in the swales. Wing mowing is on schedule.
2. Received 9.84 inches of rain at the District work center this reporting period. Since May 1st have recorded 32.13 inches of rain. The rainfall since 2002 for the months of August through October has averaged 20.35 inches. This average excludes all storm events. Now the rainy season really begins.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Prepared swales for two driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 450 yards of road stabilizer to the District yard.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Aug. 12, 2013

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

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

SUBJECT: Monthly Report August 2013

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

- ❖ Monthly Meeting (Aug. 15) Annual Budget Public Hearing and 2nd Public Hearing on Roads release

The following items were uploaded to the website:

- ❖ August Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Monthly Meeting, (Aug. 15) Annual Budget Public Hearing and 2nd Public Hearing on Roads

The Summer newsletter was mailed to all landowners and included work on Canal 3, roadway improvement project information, introduction of new district engineer, NPDES information, supervisor election, hurricane preparedness and Annual Budget, Public Hearing, and Landowners meeting.

Consulted on various projects with Staff, Supervisors and Manager of Operations.

We continue to work with Mr. Rice 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 2013
 CC: Staff
 Date: August 9, 2013

Routine Business

1. The District has received a total of \$4,995,321 in assessment receipts through June 30, 2013. This represent 97% of the budgeted assessments.
2. A copy of the Proposed Budget for 2013/2014 and Budget Highlights will be sent to the Board Electronically under separate cover.
3. As instructed, the Trustee for the 2006 Water Distribution Bonds called \$400,000 of bonds on August 1, 2013.
4. Also, on August 1, 2013 the following debt issues were paid. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

Bank	Loan Nbr	Name	Interest	Principal	Total
Wells Fargo Bank	34	2002 Section 9 Phase IIA Note	1,230.55	30,485.25	31,715.80
Wells Fargo Bank	18	2002 Section 9 Phase IIB Note	3,613.18	89,577.96	93,191.14
Regions Bank	xxxx9001	2007 OGEM Road	54,617.40	129,579.80	184,197.20
Regions Bank	xxxx9073	2009 Hookup Financing Program	41,290.99	130,000.00	171,290.99
Regions Bank	xxxx4968	2011 Road Improvement	36,260.65	96,940.00	133,200.65
Regions Bank	xxxx0260	2011 Egret Landing Refunding	38,268.16	502,670.00	540,938.16

5. We filed the preliminary roll with the Property appraiser on July 25, 2013. This will be included in the trim bill.
6. We obtained the most recent property roll from the Property Appraiser's office and completed the reformatting required for the Annual Meeting mail-out.
7. 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 10/01/2012 to 06/30/2013

*AGF - All Governmental Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	4,879,450	4,807,286	(72,164)
Rents & Contracted Service	-	9,646	9,646
Investment Income	6,275	6,917	642
Other Income	59,000	64,402	5,402
Total Revenue:	4,944,725	4,888,251	(56,474)
Expenditures:			
Contracted Services	521,640	461,942	59,698
Operating Expense	1,291,500	1,084,773	206,727
Office & Landowner Expense	-	24	(24)
Capital Outlay	179,650	218,398	(38,748)
Principal Paid	253,218	253,217	1
Interest Paid	595,572	595,684	(112)
Other Debt Service	130,810	125,517	5,293
Total Expenditures:	2,972,390	2,739,555	232,835
Transfers, Financing & Capital Outlays			
Transfers-net	283,500	225,250	(58,250)
Total Transfers, Financing & Capital	283,500	225,250	(58,250)
Excess (Deficit) Revenues over (under) Expenditures	2,255,835	2,373,946	118,111
Beginning Fund Balance		4,370,904	
Ending Fund Balance		6,744,850	

South Indian River Water Control District

Statement of Revenues and Expenditures

From 10/01/2012 to 06/30/2013

*100 - Special Revenue Funds
(In Whole Numbers)*

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,090,250	2,052,182	(38,068)
Rents & Contracted Service	-	9,646	9,646
Investment Income	1,560	3,228	1,668
Other Income	9,000	400	(8,600)
Total Revenue:	2,100,810	2,065,456	(35,354)
Expenditures:			
Contracted Services	521,640	437,695	83,945
Operating Expense	1,291,500	1,084,773	206,727
Office & Landowner Expense	-	24	(24)
Total Expenditures:	1,813,140	1,522,492	290,648
Excess (Deficit) Revenues over (under) Expenditures	287,670	542,964	255,294
Beginning Fund Balance		1,484,126	
Ending Fund Balance		2,027,090	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 06/30/2013

200 - Debt Service Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,789,200	2,755,104	(34,096)
Investment Income	2,115	3,902	1,787
Other Income	50,000	64,002	14,002
Total Revenue:	<u>2,841,315</u>	<u>2,823,008</u>	<u>(18,307)</u>
Expenditures:			
Contracted Services	-	5,475	(5,475)
Principal Paid	253,218	253,217	1
Interest Paid	595,572	595,684	(112)
Other Debt Service	130,810	125,517	5,293
Total Expenditures:	<u>979,600</u>	<u>979,893</u>	<u>(293)</u>
Transfers, Financing & Capital Outlays			
Transfers-net	(10,000)	(10,000)	
Total Transfers	<u>(10,000)</u>	<u>(10,000)</u>	-
Excess (Deficit) Revenues over (under) Expenditures	<u>1,851,715</u>	<u>1,833,115</u>	<u>(18,600)</u>
Beginning Fund Balance		<u>1,197,937</u>	
Ending Fund Balance		<u>3,031,052</u>	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 06/30/2013

300 - Capital Projects Funds
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,600	(213)	(2,813)
Total Revenue:	2,600	(213)	(2,813)
Expenditures:			
Contracted Services	-	24,247	(24,247)
Capital Outlay	179,650	212,923	(33,273)
Total Expenditures:	179,650	237,170	(57,520)
Transfers, Financing & Capital Outlays			
Transfers in	(293,500)	(235,250)	58,250
Total Transfers, Financing & Capital	(293,500)	(235,250)	58,250
Excess (Deficit) Revenues over (under) Expenditures	116,450	(2,133)	(2,083)
Beginning Fund Balance		1,688,842	
Ending Fund Balance		1,686,709	

South Indian River Water Control District
Statement of Revenues and Expenditures

From 10/01/2012 to 06/30/2013


500 - Internal Service Fund
(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,238,200	1,052,212	(185,988)
Rents & Contracted Service	40,500	43,200	2,700
Investment Income	-	(284)	(284)
Other Income	-	431	431
Total Revenue:	1,278,700	1,095,559	(183,141)
Expenditures:			
Personal Services	570,450	545,442	25,008
Contracted Services	146,099	93,162	52,937
Operating Expense	241,932	211,729	30,203
Office & Landowner Expense	25,349	13,562	11,787
Insurance	33,750	29,447	4,303
Total Expenditures:	1,017,580	893,342	124,238
Transfers, Financing & Capital Outlays			
Transfers out	233,500	352,534	(119,034)
Total Transfers, Financing & Capital	233,500	352,534	(119,034)
Excess (Deficit) Revenues over (under) Expenditures	27,620	(150,317)	60,131
Beginning Fund Balance		497,000	
Ending Fund Balance		346,683	

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

CC

Subject Engineer's Report for August 2013

From Amy E. Eason, PE, District Engineer 

Board Meeting Date August 15, 2013

The following is a summary of activities and communications that were of significance during the month of August 2013:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District has received petitions from landowners to apply both OGEM and Asphalt on certain roadways within the District. The roads met the requirements to distribute a referendum to all benefited landowners. Pursuant to Board direction, staff prepared a referendum for the landowner proposed projects that was mailed August 3, 2012 with the request that the landowners submit their response to the District by September 5, 2012. On September 11, 2012, staff received the certification from the Supervisor of Elections on the results of the referendum. The majority of the landowners who voted on the following roadways were "in favor" of the proposed project for OGEM in Jupiter Farms (approximately 0.4 miles):

- 127th Drive N. between 187th Place N. and Old Indiantown Grade
- 90th Trail N. between 165th Place N. and 166th Way N.

In addition, the majority of the landowners who voted on the following roadways were "in favor" of the proposed project for asphalt in Palm Beach Country Estates (approximately 1.5 miles):

- 73rd Terrace N. between 155th Place N. and 159th Court N.
- 79th Terrace N. between 155th Place N. and 162nd Court N.
- 75th Way N between 163rd Court N. and 165th Street N.
- 77th Trail N. between 165th Street N. and 167th Court N.

A resolution to amend the Water Control Plan was presented to the Board of Supervisors on October 18, 2012. As part of this resolution, staff has determined the cost estimate and the benefitted area for the project.

On January 10, 2013, a workshop was held to discuss the landowner initiated roadway program and other items. Many topics were discussed at this meeting, and some topics required further evaluation by the Board and staff.

On February 7, 2013, a continuation of the January workshop was held. The Board directed staff to prepare a letter of explanation to the landowners included within the benefitted area of the OGEM project along with an updated referendum showing the updated cost estimates. A referendum with a letter of explanation was sent to the affected landowners on March 27, 2013 with the request that the landowners submit their response to the District by April 27, 2013. The results of the referendum were certified by the Supervisor of Elections on May 7, 2013 and both OGEM roadway segments were "in favor" of the project.

The Board directed staff to proceed with the preparation of the Plan of Improvement. The Plan of Improvement was submitted to the District office on March 22, 2013 for public review and a public hearing was held on April 18, 2013.

After the public hearing, the Board directed staff to proceed with the preparation of the Engineer's Report. The Engineer's Report was submitted to the District office on May 23, 2013. At this month's meeting, a public hearing will be conducted on the Engineer's Report. At the conclusion of this meeting, the Plan of Improvement and the Engineer's Report may be approved by the Board. Staff is prepared to update the Board on the next steps of the plan.

- B. Staff has received requests for petitions from landowners for roadway improvement projects. Per the February 2013 workshop, staff has developed an updated petition to distribute to landowners as they request it. In addition, staff has been reviewing the limits of the roadway improvement requests before distributing the updated petition for circulation. For notification, signs are being installed stating that a petition is being circulated in the area. Currently, the District has received petitions from landowners to apply asphalt on certain roadways within the District. The landowners on the following roadways are petitioning to distribute a referendum for asphalt in Palm Beach Country Estates (approximately 0.75 miles):
- 74th Avenue N. between 155th Place N. and 159th Court N.
 - 88th Trail N. between 155th Place N. and 159th Court N.

II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee meeting since our last report. The next meeting date has is scheduled for September 18, 2013. This will be the annual meeting with FDEP staff.
- B. Since January 24, 2008, staff has been working with Palm Beach County on plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County proposes to improve the natural areas of the property while expanding the water features.

On October 16, 2012, Palm Beach County revised its original plan and attended the November 29, 2012 Board Meeting to present the revised plan to the Board of Supervisors. At that meeting, the Board of Supervisors authorized and directed staff to prepare a letter of conceptual approval to Palm Beach County on the revised plan.

On May 6, 2013, Palm Beach County received their SFWMD permit for the project and has reached out to staff to finalize their SIRWCD permit application. On August 1, 2013, staff approved and transmitted a SIRWCD permit for the project.

- C. On May 1, 2012, staff met with Palm Beach County Parks and Recreation representatives for Riverbend Park to discuss the extension of Canal 3 directly east into the park. Currently, Canal 3 goes east from Jupiter Farms Road and turns south along the District line into Riverbend Park. When it enters Riverbend Park, the canal continues through two 42-inch culverts in series before discharging into the ultimate discharge location. By extending the canal directly east instead of turning south, headloss may be reduced, which may improve flood protection.

Staff met with South Florida Water Management District (SFWMD) for a pre-application meeting on July 10, 2012 to discuss any concerns that they may have with the project. Also, staff presented the project to the Loxahatchee River Management Coordinating Council on September 24, 2012 to inform them of the upcoming improvements and receive any comments.

Staff has submitted several permit applications and a cultural resource study has been conducted on the area to assist in the Town of Jupiter permitting process. In addition, staff has finalized a contract with a contractor for the work, which is a requirement for the Town of Jupiter permit. The project has received permits from SFWMD, the Army Corp of Engineers, and the Town of Jupiter.

Staff held a pre-construction meeting on April 24, 2013 with the contractor and Palm Beach County Parks and Recreation. Construction began May 27, 2013. The contractor is stabilizing the site and staff is scheduled to conduct a preliminary walk through on the project. Staff continues to monitor the progress of this project.

- D. SFWMD continues to operate the G-160 structure to maintain flood protection and is committed to coordinating with, and monitoring water levels at the perimeter of some of the communities adjacent to and east of the Loxahatchee Slough to determine if there are impacts to the communities resulting from the increased water levels. The monitoring wells installed in April 2010 in SIRWCD's perimeter levee for Palm Beach Country Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. Well data has been collected through March 2013 and a report for the period from April 2010 – March 2013 is under preparation. The last stakeholder meeting was held on October 16, 2012. SFWMD has requested stakeholder input with respect to the scope of work for analysis of the data for a final report, as well as quality assurance and quality control of the data for inclusion into the DBHydro database.

SFWMD has expressed interest in discussing the potential for reconnecting PC-10 to allow water to return to C-18 through the culvert located at the west end of SIRWCD Canal E. SFWMD would like to explore an opportunity to capture excess water from dry season storm events to contribute dry season flows to the Loxahatchee River. On July 30, 2013, staff met with SFWMD to discuss their interest and to establish flashboard settings for PC-8 in Palm Beach Country Estates. Staff is prepared to update the Board at this month's meeting.

- E. SFWMD's "Everglades Restoration Strategies" is a program that has been developed in order to address water quality-based effluent limits for Stormwater Treatment Areas (STAs) to meet NPDES permitting requirements by EPA. As part of the program's Technical Plan, both STA expansions and Flow Equalization Basins (FEB) upstream of STAs are proposed. The plan includes designation of the L-8 Reservoir as a 45,000 ac-ft FEB for STAs 1W and 1E. As a "replacement feature", the plan proposes to acquire and construct replacement storage to capture flows from the western C-18 Basin in the Mecca vicinity and discharge those flows via "Flow-way 2" (C-18 West Canal through C-18 and Loxahatchee Slough) to the Northwest Fork of the Loxahatchee River to meet Minimum Flows and Levels. Staff will continue to follow this project and provide updates to the Board.
- F. On November 14, 2010, Environmental Protection Agency (EPA) approved the numeric nutrient criteria for fresh water and lakes. On September 29, 2011, FDEP published a draft Florida Administrative Code (F.A.C.) Chapter 62-302 regarding nutrient standards. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) was October 15, 2011; however, the date for South Florida waters, including canals, has been extended to coincide with the revised date for promulgation of numeric nutrient criteria for estuaries and coastal waters. The draft F.A.C. appeared before the Florida Environmental Regulation Commission (ERC). On December 8, 2011, the Florida ERC passed Florida's numeric nutrient criteria, which include the following:
- an amendment to provide that narrative criteria will continue to apply to ditches, canals and urban storm water conveyances
 - an amendment intended to limit the ability of EPA to pick and choose which provisions of the Florida rules to accept or reject.

An administrative challenge to the proposed rules was filed by Earthjustice prior to their adoption on December 8, 2011. On June 7, 2012, an administrative law judge upheld the state's proposed new water quality rules. The rules required ratification by the Florida Legislature; however, Governor Rick Scott signed HB 7051 waiving legislative ratification of the proposed rules. After FDEP notified the EPA of the judge's decision, EPA had 60 days to approve the state rules and then had to withdraw the Federal rule for the state rules to take effect.

A notice was filed in the Federal Register stating that the EPA was finalizing an extension of the July 6, 2012, effective date of the EPA NNC for six months to January 6, 2013. This allowed the EPA to review the Florida ERC approved numeric nutrient criteria.

On November 30, 2012, EPA announced its approval of FDEP's NNC. However, EPA also proposed additional regulations that would apply EPA's criteria to those waters not covered by FDEP's NNC, such as urban storm water conveyances, and many estuaries where FDEP Total Maximum Daily Loads (TMDLs) have already been adopted.

On March 15, 2013, EPA and FDEP reached an agreement on setting NNC for Florida's waterways. The plan includes proposing state legislation and adopting additional state rules that, when combined, will eliminate the need for continued dual rulemaking and secure a single solution for Florida. The proposed legislation requires FDEP to complete its NNC rulemaking for the remaining coastal and



estuarine waters by December 1, 2014 and establish interim nutrient standards until then. The legislation also includes requirements for NNC conditions in all managed conveyances and canals. Staff will continue to monitor these developments.

- G. On June 29, 2012, the EPA published a public notice of availability on the proposed Total Maximum Daily Loads (TMDLs) for waters and pollutants in the State of Florida. This notice included the proposed TMDL on the Southwest Fork of the Loxahatchee River and the C-18 Canal. The TMDL is for nutrients and dissolved oxygen and effects Palm Beach Country Estates, Jupiter Park of Commerce, and Egret Landing. In addition, on July 6, 2012, FDEP announced a draft statewide TMDL for mercury. Staff will continue to monitor these developments.
- H. On February 19, 2013, staff attended a meeting with SFWMD concerning three project culverts along the C-18 canal and upcoming clearing operations. Staff discussed a coordination protocol for the operation of these culverts in the event of high rainfall events. SFWMD mentioned that they would like to arrange a subsequent meeting with Palm Beach County to include their input on the operation of the culverts.
- I. At the March Board meeting, staff was directed by the Board to investigate Palm Beach County's practices for determining the need for traffic calming devices within their rights-of-way within the District's boundaries. In May, staff received information on the speed hump work on Brian's Way. Staff is preparing a letter to Palm Beach County per the Board's direction at the March board meeting concerning the findings of the documents. Staff continues to investigate this matter.
- J. Our office 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.



BOARD OF SUPERVISORS AND ANNUAL LANDOWNERS MEETING

September 19, 2013 - 7:30 p.m.
JUPITER HIGH SCHOOL CAFETERIA

A G E N D A

BOARD OF SUPERVISORS MONTHLY MEETING

1. Call to order
2. Invocation and Pledge of Allegiance
3. Treasurer's Report
 - a) Authorization of monthly expenditures
4. Adjourn

ANNUAL LANDOWNERS MEETING

1. Call to order
2. Election of officers for the meeting
 - a) Chairman
 - b) Secretary
3. Reading and approval of minutes of 2012 annual meeting.
4. Election of supervisors
 - a) Nominations
 - b) Motion to close nominations
 - c) Voting for candidates and collection of ballots by Supervisor of Elections
5. Annual Reports
 - a) Engineer's Report
 - b) Manager of Operations Report
6. Compensation of Supervisors
7. General discussion
8. Adjourn



Over 85 Years of Service

MEMORANDUM

TO: Board of Supervisors
FROM: Manager of Operations
SUBJECT: Manager's Report for the period August 10, 2013 through September 13, 2013
DATE: September 13, 2013

ADMINISTRATIVE:

1. Meeting with David Logan of Murray Logan Construction to discuss repair work on the District's drainage outfall easement at the intersection of 165th Rd. and 122nd Dr.
2. Conducted monthly review of District canals with aquatic weed spraying contractor.
3. Attended Loxahatchee River Preservation Initiative meeting at Town of Jupiter's E.O.C.
4. The Canal 3 extension project has been completed.
5. Received \$2,300.00 from Verizon for monthly lease.
6. Meetings with District Engineer to discuss Canal 3 right-of-way East of Jupiter Farms Rd.
7. Meetings with homeowners to discuss various issues.
8. Attended Staff meeting.
9. Conducted safety meeting with District employees.
10. Meeting with Town of Jupiter Utilities Director, David Brown, in regards to the recharge system in the East Borrow Canal.

MEMORANDUM

To: Board of Supervisors

September 13, 2013

Page 2

WATER CONTROL:

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 7.48 inches of rain at the District work center this reporting period.
3. Prepared swales for six driveway culverts followed by inspections.
4. Terra Tech continues canal spraying for aquatic weed control.

ROAD MAINTENANCE:

1. Roads continue to be re-contoured to provide maximum run-off during rain storm events.
2. D.S. Eakins hauled 540 yards of road stabilizer to the District yard.



Michael A. Dillon
Manager of Operations

MAD/hr



**DICK GRUENWALD
ASSOCIATES, LLC**

Sept. 13, 2013

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

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

SUBJECT: Monthly Report September 2013

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

- ❖ Election Underway release
- ❖ Annual Landowners (Sept. 19) Meeting release

The following items were uploaded to the website:

- ❖ September Staff monthly reports–
Manager of Operations, Engineer, Treasurer, Public Information
- ❖ Annual Landowners (Sept. 19) meeting
- ❖ Election Underway release including bios
- ❖ 2013-2014 Approved Budget
- ❖ Monthly Meeting minutes (6/20/13)

We assisted the District Treasurer and District Engineer with the 17th Plan of Improvement prepayment letter. We printed letters, created mailing labels, and mailed out 70 pieces to the landowner list provided by the District Engineer.

Consulted on various projects with Staff, Supervisors and Manager of Operations.

We continue to work with Mr. Rice 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.