

*Over 85 Years of Service*

**BOARD OF SUPERVISORS MEETING**

October 7, 2010 – 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
  - a. Swearing in of elected Board members
3. Election of officers
4. Appointments
5. Public Hearing regarding 2010 Landowner Initiated Roadway Improvement Project
6. Approval of minutes of previous meeting
7. Public Information report
8. Treasurer's report
9. General Manager's report
10. Engineer's report
11. Attorney's report
12. Old business
13. New business
14. Landowners' items
15. Adjourn



*Over 85 Years of Service*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Gale M. English

**SUBJECT:** General Manager's Report for the period September 9, through October 1, 2010

**DATE:** October 1, 2010

**ADMINISTRATIVE:**

1. Attend staff conferences.
2. Florida Department of Transportation water from I 95 spilled over into Canal H outfall in Egret Landing which obstructed outfall through the outfall culvert. They have removed the obstruction and are in the process of restoring the eroded header area around the culvert.
3. Replace ingress/egress gate recently installed on Canal C in Palm Beach Country Estates. (Vandal damage).
4. Repair erosion area on outfall canal in Egret Landing.
5. Bess Trucking hauled 396 cubic yards of road stabilization material to replenish stockpile in work center yard.
6. Conference with Len J. Lindahl and Palm Beach County Parks and Recreation Department personnel to discuss possible rear park entrance from 90<sup>th</sup> Trail N in Section 7.
7. Palm Beach County Parks and Recreation install bridge structure over C-18 Canal to accommodate the Bluegill Trail users.
8. Attend annual landowners meeting.

MEMORANDUM

To: Board of Supervisors

October 1, 2010

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9. District's equipment operators have been working extra hours to meet the increased demand of mowing and road maintenance during the last couple of months. As the weather begins to cool and the rain ceases its relentless attack on our District, we will be able to return to normal operating conditions.
10. Received \$9,834.48 from the Section 33 Property Owners Association for contract road maintenance during 2010/2011.
11. Attend Council of Governments luncheon conference.
12. Perform regularly scheduled NPDES inspections and maintenance on catch basins and drainage outfalls.
13. Review and adjust all telemetry gates to ensure operational integrity when needed.
14. Received \$6,192.31 from School District of Palm Beach County for 2010/2011 drainage assessments for the Jupiter Farms Elementary School.
15. Received \$1,345.00 rebate from Wells Fargo Insurance Company for weir structures insurance.
16. Received \$16,032.70 from School District of Palm Beach County for 2010/2011 drainage assessments for the old B.R. Ranch property.
17. Mike Dillon attended the Loxahatchee River Management Coordinating Council meeting.
18. Sign contract agreement with Terra Tech for canal and outfall system aquatic weed control in 2010/2011.
19. Chair Intergovernmental Coordinating Element Program issues forum.
20. Attend telephone and personal conference with Board members, staff, landowners, suppliers, governmental agencies, et al.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Aquagenix continues to spray District canals for aquatic weed control.

MEMORANDUM

To: Board of Supervisors

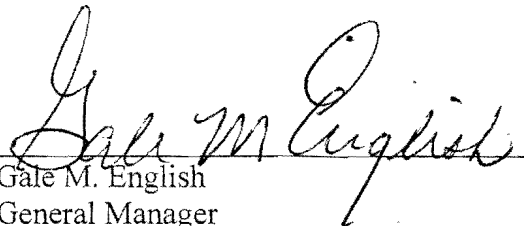
October 1, 2010

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3. Prepared swales for 2 driveway culvert installations followed by inspections.
4. Received a total of 6.43 inches of rainfall at the District's Work Center for this reporting period.
5. The late season rainstorm event dumped 3.69 inches of rainfall on the District. Minor flooding was experienced District wide.

**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.
2. Road re-contouring is continuing on many unimproved road sections.

  
Gale M. English  
General Manager

GME/gr





**DICK GRUENWALD  
ASSOCIATES, LLC**

Oct. 7, 2010

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

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

**SUBJECT:** Monthly Report – October 2010

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

- Monthly Meeting and Public Hearing (Oct. 7) Release

The following items were uploaded to the website:

- Election Results for SIRWCD Supervisors
- Annual Landowners Meeting (Sept. 17, 2009) Minutes
- Board Meeting dates for 2010-2011
- Updated information on Palm Beach Country Estates FEMA Flood Zone Revision Opportunity
- Oct. Staff monthly reports–General Manager, Treasurer, Engineer, Pubic Information

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and Mr. English 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 September 2010  
CC: Staff  
Date: October 2, 2010

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### **Routine Business**

1. The District is scheduled to receive the first distribution of the 2010/2011 assessment receipts from the Palm Beach County Tax Collector on November 10, 2010.
2. In reviewing assessments received for the year ended September 30, 2010, most of the funds were within budget or reasonably close to it. For the first time in many years we do have some funds where there is a significant shortfall in the assessments received. They are collectively the three funds which are used to account for the Jupiter Commerce Park Phase Two debt service funds. These funds were budgeted for Assessment Revenue of \$246,000. To date revenue collected amounted to \$176,000. The Project Area has a total of 32 taxable parcels. While assessments on most of the parcels have been paid by the landowners or by investors purchasing tax certificates, five parcels remain unpaid. Two of these parcels appear to be in the process of a tax deed sale, so if that is the case we should be receiving about \$23,000 of the shortfall when this process is completed. The other three parcels have been treated as a "County Sale". I have consulted with the district's attorney and we are reviewing the District's options to protect our interests. It is important to know that we do have sufficient carryover balances within these funds to meet the next installment of the debt due February 1, 2011.
3. We have begun work with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2010.
4. On September 30, 2010, an inventory of the District's tangible personal property was completed. No exceptions were noted.
5. With the timing of the October meeting, the monthly close-out procedures have not been completed, so we have not included the monthly financial statements.
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. As part of the year-end review process I noted that budget adjustment are needed to reflect the extraordinary call of \$2,150,000 of 2006 PBCE Water Distribution System Bonds (Fund 230) and to budget the expenditure of hookup fees paid to the Town of Jupiter in the Hookup Financing Program Debt Service Fund (Fund 260).

The first proposed budget amendment is to:

- a. Increase Principal Repayments; account 57110 by \$2,150,000
- b. Increase budgeted Other Income; account 57110 by \$210,000
- c. Increase Designated Fund Balance; account 2471 by \$1,940,000

This transaction was approved by the Board at an earlier meeting, but the resolution did not specify that the budget be amended.

The second proposed amendment provide for budget line item for hookup fees paid to the Town of Jupiter. ("the Town"). When the Hookup Fee enrollment period ended last year, there were some landowners who had enrolled in the program (and therefore who were assessed for their share) but had not signed up with the Town. Since we knew that there would be a future requirement by the District to pay the hookup fees when these landowners connected to the system, we drew down the funds to meet these obligations. During the year we paid the town \$73,951 for connection fees. This line item is funded by available fund balances. (the funds drawn down upon conversion of the line of credit to a term loan).


The proposed amendment is to:

- d. Increase the Other Current Charges account; 54900 by \$80,000
- e. Increase Designated Fund Balance; account 24710 by \$80,000

The Board will be asked to approve these budget amendments.

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

## Memorandum

To	South Indian River Water Control District Board of Supervisors	Page	4
CC			
Subject	Engineer's Report for October 2010		
From	Lennart J. Lindahl, PE, District Engineer 		
Board Meeting Date	October 7, 2010		

The following is a summary of activities and communications that were of significance during the month of October 2010:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. In addition, the Board of Supervisors directed staff to prepare a referendum for 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the

Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

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## II. OPERATION AND MAINTENANCE

- A. There has not been a National Pollutant Discharge Elimination System (NPDES) Steering Committee since our last report. However, the Florida Department of Environmental Protection (FDEP) issued our draft Third Term Permit on September 15, 2010. The draft permit contains more structured requirements for inspection and maintenance of stormwater facilities, a requirement for an updated inventory of structural controls, and written procedures for stormwater management programs. The Steering Committee has prepared a draft response to FDEP on the draft Third Term Permit. The comments will be submitted to FDEP no later than October 17, 2010. Staff will request from FDEP either a workshop or a public meeting with the Steering Committee to discuss the draft permit requirements and implementation schedule. Staff will also be requesting that the State provide written comments in response to our comments. The Final Permit is not expected to be issued until February 2011. The next Steering Committee meeting is scheduled for October 20, 2010.

The Environmental Protection Agency has requested that SIRWCD complete a questionnaire regarding its stormwater management program. Staff is assisting with this effort.

- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted to Palm Beach County a dredging plan for the fill material that will be obtained on the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting

occurred on June 23, 2010 to discuss the information. On July 9, 2010, SIRWCD staff attended another meeting with Palm Beach County to discuss the operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. Palm Beach County is committed to keep SIRWCD informed as they progress with this project.

- C. FEMA is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the effected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff will be prepared to update the Board of Supervisors at the next Board of Supervisors' meeting.

- D. A SFWMD G-160 coordination meeting was held on September 20, 2010. SFWMD continues to operate the 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 of the increased water levels on the communities. The monitoring wells installed in April are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is currently working on the design of an overflow to the C-18 Canal in that area. The G-160 meetings are now being scheduled on a quarterly basis. The next meeting is planned in early December.
- E. A North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meeting is scheduled for October 4-5, 2010 in Jacksonville or as a web meeting. The purpose of the meeting will be a US Army Corps of Engineers Value Engineering Study in cooperation with the NPBC PDT members. The value engineering will help the project team optimize the recommended components to reduce design and construction costs while still achieving project goals and objectives. A Value Engineering Report will be completed within 2 weeks following the session.
- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation on August 15, 2012.

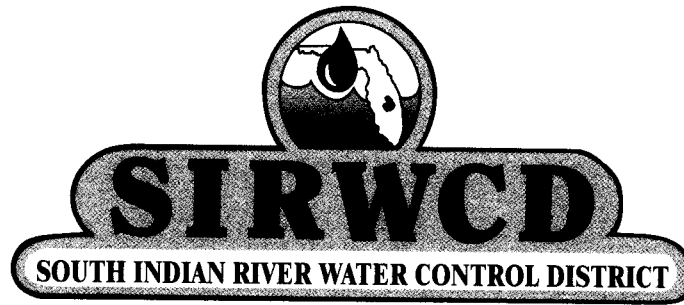
Staff attended a meeting conducted by the FDEP on their determination of numeric nutrient criteria for the estuaries and coastal systems on August 26, 2010. Staff will continue to monitor the developments of this criteria.

- G. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and will be requesting that SIRWCD advertise a Request for Qualifications (RFQ) for the water quality sampling services to meet SIRWCD needs.



- 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**

December 2, 2010 – 7:30 p.m.  
Jupiter High School – Guidance Suite

**AGENDA**

1. Invocation and Pledge of Allegiance
2. Public Hearing regarding 2010 Landowner Initiated Roadway Improvement Project
3. Approval of minutes of previous meeting
4. Public Information report
5. Treasurer's report
6. General Manager's report
7. Engineer's report
8. Attorney's report
9. Old business
10. New business
11. Landowners' items
12. Adjourn





*Over 85 Years of Service*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Gale M. English

**SUBJECT:** General Manager's Report for the period October 2, through  
November 16, 2010

**DATE:** November 16, 2010

**ADMINISTRATIVE:**

1. The District has happened on another "free fill" opportunity and is continuing to store the material on East and West areas.
2. Department of Transportation headwall installation on canal H in Egret Landing is still pending.
3. North Florida Emulsions has completed their micro-surface patching on several selected sites at the original price.
4. The District is considering several road sections for fogging, consistent with its extended maintenance schedule.
5. Hosted staff orientation conference with new Board member, Mike Ryan.
6. Conducted employee safety meeting with District safety committee. A safety short film, "Maintenance Personnel Safety", was included.
7. Sign and notarize Board approved Egret Landing Canal H and lake area trespassing documents allowing for legal enforcement.

MEMORANDUM

To: Board of Supervisors

November 16, 2010

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8. Attend South Florida Water Management District Fish and Wildlife Commission conference to discuss the Pal Mar public lands opening with Len J. Lindahl. The one objection appeared to be concern for hunting areas.
9. Palm Beach County has essentially completed sidewalk installation on their roadways in Palm Beach Country Estates.
10. Responded to night call from our security monitor. An outside and inside review did not disclose sign of break-in or theft.
11. Submitted requested EPA MS-4 survey regarding storm drain systems with input from Engineer.
12. At the request of Palm Beach County, I submitted an application to serve on the county-wide Water Resources Task Force. The County Commissioner will act on the appointment soon.
13. Expedite delivery and disposition of the District's monthly checks.
14. Installed voting notice signs on 154<sup>th</sup> at the intersections of 69<sup>th</sup> and 75<sup>th</sup>. The signs disappeared one day later and have not been seen since.
15. Conference with Scott Harris, health insurance broker, regarding new policies for 2010/2011. We received proposals from three different carriers and decided to remain with Blue Cross Options at a 13% increase. The other policies were seriously deficient in benefits or were HMO's.
16. With a request from Solid Waste Authority and their willingness to waive fees, the District transported junk boats from 90<sup>th</sup> Terr. N to SWA facility.
17. Attended Florida Association of Special Districts Board and Membership conference in Sebring.
18. Vandalism occurred at the C-14 weir structure. No serious damage was noted and the structure still performs properly.
19. Attended North County Council of Governments luncheon conference.

MEMORANDUM

To: Board of Supervisors

November 16, 2010

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20. Attended Loxahatchee River Preservation Initiative meeting in Jupiter. Future grant monies, 50/50, left unspent will revert to legislative funds.
21. Received \$31,362.79 from Palm Beach County for over payment of operating budget fees.
22. District work center hosted the 1021 voting precinct for the November 2, 2010 elections.
23. Control Communications repairing base radio tower at the work center.
24. Turnpike DOT, Town of Jupiter, Loxahatchee River District and SIRWCD conference to discuss existing maintenance agreements and procedures for maintenance on the Turnpike Borrow Canal.
25. Employees observed Veterans Day Holiday.
26. Attended several personal and phone conferences with Board, staff, landowners, suppliers, agency directors et al.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. The District's new spraying contractor has begun a complete spraying of District canals and roadways. Their work to date has been much more effective than the previous contractor.
3. Prepared swales for 5 driveway culvert installations followed by inspections.
4. Received a total of 1.24 inches of rainfall at the District's Work Center for this reporting period.

MEMORANDUM

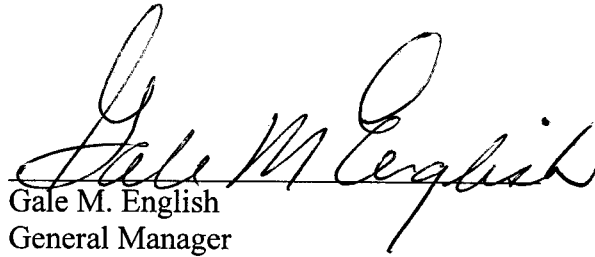
To: Board of Supervisors

November 16, 2010

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**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.
2. Road re-contouring is continuing on many unimproved road sections.



Gale M. English  
General Manager

GME/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Nov. 29, 2010

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

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

**SUBJECT:** Monthly Report – Nov./Dec. 2010

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

- Monthly Meeting and Public Hearing (Oct. 7) results release
- Monthly Meeting and 2<sup>nd</sup> Public Hearing (Dec. 2) release

The following items were uploaded to the website:

- Updated information on the Referendum for 154th Roadway Improvement including signage
- Update on Public Hearing and Monthly Meeting on Dec. 2
- Included new supervisor Mike Ryan on personnel page
- Nov./Dec. Staff monthly reports–General Manager, Treasurer, Engineer, Public Information

We consulted with Mr. Lindahl, Mr. Capko, Mr. Rice and Mr. English on the signage for the 154<sup>th</sup> Roadway Improvement project.

We are working on the Dec. Newsletter which includes the annual reports from the General Manager and District Engineer, election results, updates on EPA nutrient criteria standards, Roadway Improvement projects update, Annual Landowner's Day, and so forth.

We are starting to contact vendors for the Annual Landowner's Day and sending a save-the-date e-mail out to community organizations.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and Mr. English 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 October, 2010  
CC: Staff  
Date: November 24, 2010


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### **Routine Business**

1. The District received the first assessment receipt distribution in the amount of \$94,886 from the Palm Beach County Tax Collector on November 15, 2010.
2. We are continuing to work with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2010.
3. The District received a check in the amount of \$31,362.79, 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, 2010.
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, 2010 and as required by Chapter 280 of the State Statutes we have sent them to the applicable banks.
5. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

### **Board Consideration**

## Memorandum

To	South Indian River Water Control District Board of Supervisors	Page	4
CC			
Subject	Engineer's Report for November 2010		
From	Lennart J. Lindahl, PE, District Engineer 		
Board Meeting Date	December 2, 2010		

The following is a summary of activities and communications that were of significance during the month of November 2010:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
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- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. In addition, the Board of Supervisors directed staff to prepare a referendum for 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. Results of the referendum were due November 23, 2010 from the Palm Beach County Supervisor of Election. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

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At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

## II. OPERATION AND MAINTENANCE

A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on October 20, 2010. A presentation was provided which included an overview of the MS4 Permit Program, the schedule for issuance of the 3<sup>rd</sup> Term Permit, and highlights of the new permit requirements. The next Steering Committee meeting is scheduled for December 8, 2010. Eric Livingston, the FDEP NPDES Program Coordinator, will be attending to discuss the proposed 3<sup>rd</sup> Term Permit requirements and to address our comments and concerns on the draft permit.

Staff responded to the questionnaire that the Environmental Protection Agency had requested SIRWCD complete regarding SIRWCD's stormwater management program.

B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted to a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information. On July 9, 2010, SIRWCD staff attended another meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD



for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. SIRWCD is in the process of reviewing this application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. Palm Beach County is committed to keep SIRWCD informed as they progress with this project and is planning on attending this meeting.

- C. FEMA is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and is preparing a revised letter of interest that will be mailed to the landowners.

- 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 of the increased water levels on the communities. The monitoring wells installed in April are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is currently working on the design of an overflow to the C-18 Canal in that area. The G-160 meetings are now being scheduled on a quarterly basis. The next meeting is scheduled for December 20.
- E. A North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) Value Engineering (VE) Workshop was held on October 4-5, 2010. The intent of the value engineering workshop was to help the project team optimize the recommended components to reduce design and construction costs while still achieving project goals and objectives. A follow-up discussion was held on October 8 to present all VE information collected to date. A draft Value Engineering Report will be completed and routed to the PDT for review. The final report will become an attachment to the Project Implementation Report. Staff will continue to monitor the developments of this report.
- F. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation on August 15, 2012.

Staff attended a meeting conducted by the 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, EPA approved the numeric nutrient criteria for fresh water and lakes. Staff will continue to monitor the developments of this criteria.

- G. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and will be advertising in December a Request for Qualifications (RFQ) for water quality sampling services to meet SIRWCD needs.
- 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*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Gale M. English

**SUBJECT:** General Manager's Report for the period December 25, 2010 through January 13, 2011

**DATE:** January 13, 2011

**ADMINISTRATIVE:**

1. Conference with District Engineer, Len Lindahl.
2. Dan Tarrant is performing community service time at the District's work center.
3. Counseling session and verbal warning with operator for careless operations resulting in a broken mower window.
4. Complete re-certification for Real Estate license.
5. Attend Loxahatchee River Preservation Initiative meeting in Jupiter. Matching state and federal grants are very scarce.
6. Scheduled catch-basin maintenance required by EPA's NPDES permit has been completed.
7. To date the District has transferred approximately 5800cy of free fill to points east and west. We are beginning to transfer milled asphalt from the I-95 project to proposed road section improvements at approximately one-third the cost of retail purchasing.

MEMORANDUM

To: Board of Supervisors

January 13, 2011

Page 2

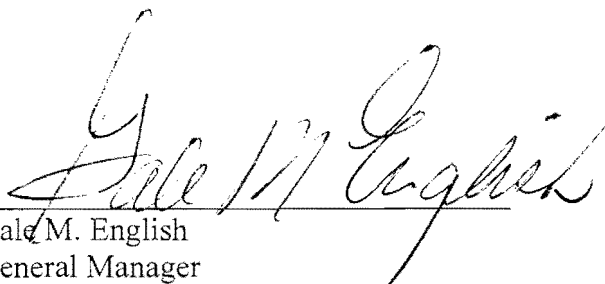
8. Successfully completed semi-annual court mediator re-certification required by the Florida Supreme Court.
9. Attend staff meeting to discuss issues of Board interest.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Terra Tech continues to spray for aquatic weed control.
3. Received a total of 1.45 inches of rainfall at the District's Work Center for this reporting period.
4. Extremely dry conditions continue to contribute to a lower water table and no surface reserves.

**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.
2. Unimproved road sections continue to be re-contoured throughout the District.

  
Gale M. English  
General Manager

GME/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Jan. 18, 2010

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

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

**SUBJECT:** Monthly Report – Jan. 2011

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

- Monthly Meeting and 2<sup>nd</sup> Public Hearing (Dec. 2) results release

The following items were uploaded to the website:

- Update Monthly Meeting Jan. 20 - Cancelled
- Jan. Staff monthly reports–General Manager, Treasurer, Engineer, Pubic Information

The Winter 2010/2011 Newsletter, including the annual reports from the General Manager and District Engineer, election results, updates on EPA nutrient criteria standards, Roadway Improvement projects update, Annual Landowner's Day, is at the printers and will be mailed to landowners soon.

We had discussions with Mr. Lindahl's office on the FEMA mailing and will layout the notice and coordinate printing and mailing. The second notice mailing is planned for early February.

We corresponded with Mr. Powell and Mr. Rice regarding District Manager Gale English's 30<sup>th</sup> Anniversary.

We continue to work on the 20<sup>th</sup> Annual Landowner's Day which is scheduled for March 12.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and Mr. English 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.

## Memorandum

To South Indian River Water Control District  
Board of Supervisors Page 4


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CC

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Subject Engineer's Report for January 2011

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From Lennart J. Lindahl, PE, District Engineer 

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Board Meeting  
Date January 20, 2011

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The following is a summary of activities and communications that were of significance during the month of January 2011:

- I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS
  - A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.
    - 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
    - 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
    - 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
    - 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
    - 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
    - 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
    - 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
    - 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
    - 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
    - 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held and the surveying and the design of the proposed improvements have commenced. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.



B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held and the surveying and the design of the proposed improvements have commenced. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on December 8, 2010. A discussion was held with Eric Livingston, the FDEP NPDES Program Coordinator, participating by telephone from Tallahassee. The proposed 3<sup>rd</sup> Term Permit requirements and our comments and concerns on the preliminary draft permit were discussed. On December 28, 2010, FDEP issued an internal 1<sup>st</sup> draft of the 3<sup>rd</sup> Term Permit, and comments were transmitted from the Steering Committee back to FDEP on January 7, 2011. The next Steering Committee meeting is scheduled for January 19, 2011 and will include a discussion of the revised Interlocal Agreements and the 3<sup>rd</sup> Term Permit.
- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted to a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information and review comments. On July 9, 2010, SIRWCD staff attended a meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. SIRWCD is in the process of reviewing this application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. Palm Beach County is committed to keep SIRWCD informed as they progress with this project and is planning on attending the next meeting.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff is preparing a Minor and Insubstantial Plan Amendment for the Board's consideration to allow for maintenance at the park in Palm Beach Country Estates. Staff will be prepared to update the Board of Supervisors at the next meeting.
- D. FEMA is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and is preparing a revised letter of interest that will be mailed to the landowners.

- E. 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 of the increased water levels on the communities. The monitoring wells installed in April in SIRWCD's perimeter levee for Palm Beach County Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is beginning work on the design of an overflow to the C-18 Canal in that area. A G-160 meeting was held on December 20 and SFWMD will be working on a report of the compiled data through January 2011 for review by May 2011.



- F. There has not been any North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meetings held since October, 2010. A draft Value Engineering Report has been completed and routed to the PDT for review. The final report will become an attachment to the Project Implementation Report. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in March 2011.
- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation on August 15, 2012.

Staff attended a meeting conducted by the 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, EPA approved the numeric nutrient criteria for fresh water and lakes. Staff will continue to monitor the developments of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District. Staff is requesting proposals from various companies for providing the water quality sampling services to meet SIRWCD needs.
- 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.



*Over 85 Years of Service*

**BOARD OF SUPERVISORS MEETING**

February 17, 2011 – 7:30 p.m.  
Jupiter High School – Guidance Suite

**A G E N D A**

1. Invocation and Pledge of Allegiance
2. Consent Agenda
  - Approval of Minutes (December 2, 2010)
  - Approval of Warrant List
3. Public Information report
4. Treasurer's report
5. General Manager's 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:** Gale M. English

**SUBJECT:** General Manager's Report for the period January 14, 2011 through February 10, 2011

**DATE:** February 10, 2011

**ADMINISTRATIVE:**

1. The District is continuing to transfer on site generated asphalt millings from I-95 to points east and west in the District. The 88 loads currently salvaged at \$93.00 per load contrasts to the usual \$226.00 per load from our regular supply source, a net savings of \$11,704. The free fill deliveries from Ellison Wilson have been completed with an approximate transferred total of 5,800 cubic yards having a market value of \$58,000.00.
2. Attend Safety Council of Palm Beach County board meeting.
3. Received \$7,500.00 from Palm Beach County for first quarter road maintenance.
4. Luncheon conference with Chuck Haas and Greta Rayman regarding Louise Reich retirement requiring in-house accounting changes.
5. Conference with Paul Carlisle, Florida Highway Products, regarding their expanded services.
6. Taylor McIntosh has performed community service at the District's work center.
7. Michael Dillon, Mechanic/Field supervisor, gave notice of his resignation.

MEMORANDUM

To: Board of Supervisors

February 10, 2011

Page 2

8. Personnel reassignments are being considered.
9. Attend Natural Resources Conservation Service update conference with state directors.
10. Attend Florida Association of Special Districts conference in Bradenton.
11. Hire part-time temporary equipment operator, Mike Sanchez.
12. Purchase new shop air compressor to replace the 25 year old one that decided to cease compressing.
13. Conduct employee safety meeting with safety committee.
14. Attend Delaware Scrub Natural Area official opening in Jupiter. Conversations with Rick Waleski, Karen Marcus, Karen Golonka, Andy Lukasik, David Brown, Mike Grella, et al.
15. Conversation with Palm Beach County Road & Bridge superintendent regarding mutual concerns.
16. Move equipment and fill onto Turnpike east borrow canal to repair erosion and shoaling creating potential obstructions for District storm water outflow.
17. Numerous conferences with landowners, Board members, staff et al. Hatcher property, Canal E berm, and Pine Glade concerns continue to be topics of major concern.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Terra Tech continues to spray for aquatic weed control.
3. Received a total of 2.01 inches of rainfall at the District's Work Center for this reporting period.
4. Extremely dry conditions continue to contribute to a lower water table and no surface reserves.

MEMORANDUM

To: Board of Supervisors

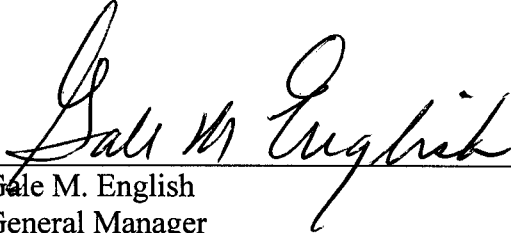
February 10, 2011

Page 3

5. Prepared swales for 3 driveway culverts followed by inspections.

**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.
2. Unimproved road sections continue to be re-contoured and stabilized throughout the District.

  
Gale M. English  
General Manager

GME/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Feb. 17, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – Feb. 2011

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

- Workshop meeting (Feb. 10) release
- Monthly meeting (Feb. 17) release

The following items were uploaded to the website:

- Workshop meeting (Feb. 10)
- Flood Zone revision information update
- 20<sup>th</sup> Annual Landowner's Day
- Winter 2010/2011 Newsletter
- Feb. Staff monthly reports–General Manager, Treasurer, Engineer, Pubic Information

We attended the staff meeting on Feb. 10 along with the workshop meeting that afternoon.

We are hard at work on the 20<sup>th</sup> Annual Landowner's Day which is scheduled for March 12 from 11:30 am – 2:30 pm. We are in the process of confirming the food vendor, the band and the petting zoo. At this time we have the following local community exhibitors confirmed for the event. They include Florida's Blood Centers, Florida Division of Forestry, Loxahatchee River Coalition, Northeast Everglades Trails Association, Palm Beach County Fire Rescue, Palm Beach County Sheriffs Office/Crime Prevention Unit/Mounted Unit, Safety Council of Palm Beach County, Solid Waste Authority, South Florida Water Management District, and Young Marines of the Palm Beaches.

We have begun work on the Spring newsletter that will include the 20<sup>th</sup> Annual Landowner's Day, Gale's 30<sup>th</sup> Anniversary and NPDES information.

The Winter 2010/2011 Newsletter has been mailed to all landowners. It included the annual reports from the General Manager and District Engineer, election results, updates on EPA nutrient criteria standards, Roadway Improvement projects update, and Annual Landowner's Day.

A detailed FEMA mailing and has been sent out to the PBCE landowners that are in the flood zone area. A return due date is scheduled for Feb. 28.

We continue to correspond with Mr. Powell and Mr. Rice regarding District Manager Gale English's 30<sup>th</sup> Anniversary.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and Mr. English 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 January, 2011  
CC: Staff  
Date: February 9, 2011

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### **Routine Business**

1. The District has received a total of \$4,384,980 in assessment receipts through January 31, 2011 or 82% of the expected receipts for 2010/2011. 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, 2010 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**

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

100 - Special Revenue Funds

From 10/1/2010 Through 12/31/2010

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	1,706,931	1,713,198	6,267
Investment Income	2,179	104	(2,075)
Other Income	3,000	0	(3,000)
Total Revenue:	<u>1,712,110</u>	<u>1,713,303</u>	<u>1,193</u>
Expenditures:			
Personal Services	318,822	149,457	169,365
Contracted Services	167,411	123,209	44,202
Operating Expense	75,003	27,264	47,739
Office & Landowner Expense	0	1,120	(1,120)
Total Expenditures:	<u>561,236</u>	<u>301,050</u>	<u>260,186</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,150,874</u>	<u>1,412,253</u>	<u>261,379</u>
Ending Fund Balance	<u><u>1,150,874</u></u>	<u><u>1,412,253</u></u>	<u><u>261,379</u></u>



# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 12/31/2010

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,252,683	2,240,936	(11,747)
Investment Income	2,901	114	(2,787)
Other Income	0	38,899	38,899
Total Revenue:	<u>2,255,584</u>	<u>2,279,949</u>	<u>24,365</u>
Expenditures:			
Contracted Services	0	175	(175)
Operating Expense	0	3,892	(3,892)
Principal Repayments	440,000	440,000	0
Interest Paid	112,439	112,438	2
Other Debt Service	26,506	1,548	24,958
Total Expenditures:	<u>578,945</u>	<u>558,053</u>	<u>20,892</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,676,639</u>	<u>1,721,897</u>	<u>45,258</u>
Ending Fund Balance	<u><u>1,676,639</u></u>	<u><u>1,721,897</u></u>	<u><u>45,258</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 12/31/2010

(In Whole Numbers)

	<u>YTD Budget</u>	<u>Year to Date Actual</u>	<u>Budget Variance</u>
Revenue:			
Investment Income	<u>576</u>	<u>0</u>	<u>(576)</u>
Total Revenue:	<u>576</u>	<u>0</u>	<u>(576)</u>
Expenditures:			
Capital Outlay	<u>29,100</u>	<u>0</u>	<u>29,100</u>
Total Expenditures:	<u>29,100</u>	<u>0</u>	<u>29,100</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(28,524)</u>	<u>0</u>	<u>28,524</u>
Ending Fund Balance	<u><u>(28,524)</u></u>	<u><u>0</u></u>	<u><u>28,524</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures


500 - Internal Service Fund

From 10/1/2010 Through 12/31/2010

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	375,075	176,167	(198,908)
Rents & Contracted Service Income	6,000	9,500	3,500
Other Income	7,500	0	(7,500)
Total Revenue:	<u>388,575</u>	<u>185,667</u>	<u>(202,908)</u>
Expenditures:			
Personal Services	215,124	171,716	43,408
Contracted Services	44,452	22,832	21,620
Operating Expense	82,248	30,437	51,811
Office & Landowner Expense	5,247	3,027	2,220
Insurance	12,750	34,141	(21,391)
Total Expenditures:	<u>359,821</u>	<u>262,154</u>	<u>97,668</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	23,997	7,987	16,010
Total Transfers, Financing & Capital Outlays	<u>23,997</u>	<u>7,987</u>	<u>16,010</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>4,757</u>	<u>(84,473)</u>	<u>(89,230)</u>
Ending Fund Balance	<u>4,757</u>	<u>(84,473)</u>	<u>(89,230)</u>

## Memorandum

To	South Indian River Water Control District Board of Supervisors	Page 4
CC		
Subject	Engineer's Report for February 2011	
From	Lennart J. Lindahl, PE, District Engineer 	
Board Meeting Date	February 17, 2011	

The following is a summary of activities and communications that were of significance during the month of February 2011:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held, South Florida Water Management District approved the plan of improvements,

and the surveying and the design of the proposed improvements have commenced. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on January 19, 2011. An update on the Third Term Permit was provided. It is anticipated that the permit will become effective on or about March 1, 2011. SIRWCD's 8<sup>th</sup> Year Annual Report was submitted to Northern Palm Beach County Improvement District on February 8, 2011. The next Steering Committee meeting is scheduled for February 16, 2011 and will include a discussion of the revised Interlocal Agreement and the TMDL schedule.
- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted to a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a



South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information and review comments. On July 9, 2010, SIRWCD staff attended a meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. SIRWCD is in the process of reviewing this application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. On February 10, 2011, staff presented the details of the project at a workshop with the SIRWCD Board of Supervisors. Palm Beach County is in the process of revising their current plan and is committed to keep SIRWCD informed as they progress with this project.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff has prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance at the park in Palm Beach Country Estates. Staff is prepared to update the Board of Supervisors at this month's meeting.
- D. FEMA is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff. In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and has prepared a revised letter of interest that was mailed to the landowners. Responses are expected to return by February 28, 2011.

- E. 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 of the increased water levels on the communities. The monitoring wells installed last April in SIRWCD's perimeter levee for Palm Beach County Estates are measuring surface and groundwater water levels in conjunction with the operation of the G-160 structure. SFWMD is working on a report of the compiled data through January 2011 for review by May 2011. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is beginning work on the design of



an overflow to the C-18 Canal in that area. There has not been a G-160 meeting since our last report. The next G-160 meeting is scheduled for March.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held with the Board of Supervisors on February 10, 2011 to discuss the findings of this report. Staff is prepared to discuss the results at this month's meeting.

- F. There has not been any North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meetings held since October, 2010. A final Value Engineering Report has been prepared and routed to the PDT. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in March 2011.
- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation on August 15, 2012.

Staff attended a meeting conducted by the 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, EPA approved the numeric nutrient criteria for fresh water and lakes. Staff will continue to monitor the developments of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has contacted firms for proposals on water quality sampling services to meet SIRWCD needs. Staff is prepared to update the Board of Supervisors with the results of the cost proposals.
- 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**

March 17, 2011 – 7:30 p.m.  
District's Work Center  
15600 Jupiter Farms Road, Jupiter, FL 33478

### **AGENDA**

1. Invocation and Pledge of Allegiance
2. Consent Agenda
  - Approval of Minutes (February 10, February 17 and March 5, 2011)
  - 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:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period February 11, 2011 through March 10, 2011

**DATE:** March 10, 2011

**ADMINISTRATIVE:**

1. Equipment operator, Mike Sanchez, has been assigned to full-time status effective February 14, 2011.
2. Abacus Water Filtration made repairs to water conditioner at District's work center.
3. Employees are preparing the District work center for the 20<sup>th</sup> Annual Landowners' Family Day.
4. One person performed community service at the District's work center.
5. Conducted orientation meeting with operators and office personnel.
6. Met with homeowners regarding the repair and maintenance of existing O.G.E.M. roads.
7. Attended Staff luncheon.
8. The District received awards for employee and vehicle safety at the Annual Safety Council of Palm Beach County Awards Luncheon. Accepting the awards were District Safety Committee members, Arie Raz and George McGarry.
9. Continuing negotiations with David Rotar, Town of Jupiter, to reimburse District for sod replacement at the Turnpike east borrow canal.

MEMORANDUM

To: Board of Supervisors

March 10, 2011

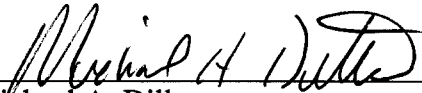
Page 2

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Terra Tech continues to spray for aquatic weed control.
3. Received a total of 1.1 inches of rainfall at the District's Work Center for this reporting period.
4. Extremely dry conditions continue to contribute to a lower water table and no surface reserves.
5. Prepared swales for 4 driveway culverts followed by inspections.
6. Installed District cross culvert at the intersection of 93<sup>rd</sup> Lane & 155<sup>th</sup> Place.

**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.
2. Unimproved road sections continue to be re-contoured and stabilized throughout the District.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Mar. 11, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – Mar. 2011

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

- ❖ Monthly meeting (Mar. 17) release

The following items were uploaded to the website:

- ❖ Monthly meeting (Mar. 17)
- ❖ Mar. Staff monthly reports–General Manager, Treasurer, Engineer, Pubic Information
- ❖ 20<sup>th</sup> Annual Landowners Family Day (Mar. 12) information
- ❖ March '11 Newsletter
- ❖ Emergency board meeting (Mar. 5)
- ❖ Meeting Minutes (Dec. 2, 2010)

We attended the emergency board meeting (Mar. 5) and staff meeting on Mar. 10.

Everything has been fine tuned for the 20<sup>th</sup> Annual Landowner's Day taking place on Sat. March 12 from 11:30 am – 2:30 pm. Tom Jackson, country music singer, will be entertaining the landowner's while they enjoy a b-b-q lunch served by Sonny's Real Pit Bar-B-Q. Cock-A-Doodle Doo will keep the kids entertained with pony rides, face painting and a bounce house.

Our local community exhibitors participating this year are as follows: Citizens on Patrol/Jupiter Farms & Palm Beach Country Estates, Drowning Prevention Coalition of Palm Beach County, Florida's Blood Centers, Florida Division of Forestry, Florida Kid Care, Jupiter Elks Lodge #2469, Jupiter Farmer, Jupiter Farms Residents, Loxahatchee River Coalition, Northeast Everglades Trails Association, Palm Beach County Fire Rescue, Palm Beach County Parks & Recreation, Palm Beach County Sheriffs Office/Crime Prevention Unit/Mounted Unit/Explorers, Palm Beach County Supervisors of Elections, Safety Council of Palm Beach County, Solid Waste Authority, South Florida Water Management District, and Young Marines of the Palm Beaches.

The March newsletter has been printed and mailed to all landowners and includes the 20<sup>th</sup> Annual Landowner's Day, Gale's 30<sup>th</sup> Anniversary and NPDES information.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the General Manager 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, 2011  
CC: Staff  
Date: March 9, 2011

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### **Routine Business**

1. The District has received a total of \$4,524,792 in assessment receipts through February 28, 2011 or 85% of the expected receipts for 2010/2011. 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, 2010 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**

1. The Board will be asked to consider budget amendments for the fiscal year ending September 30, 2010. The details of the proposed amendments are attached.
2. The Board will be also asked to consider budget amendments for the current fiscal year ending September 30, 2011. The details of the proposed amendments are attached.
3. The Board will be asked to approve the list of disbursements. (sent under separate cover).

EST. 1923



State of Florida  
Jupiter, Florida

To: Board of Supervisors  
FROM: Charles F. Haas, Treasurer  
RE: Proposed Budget Amendments  
Date: March 07, 2011

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The following Budget Amendments are presented to the Board for their consideration. These amendments apply to the last fiscal year. These are "housekeeping" amendments in that the Board has previously authorized the transaction but the adopted resolution did not specifically amend the budget. For example the bond call of the 2006 PBCE Series A&B bonds in the amount of \$2,150,000 that was made on August 1, 2010 was duly adopted by the Board but since the budget amendment was not specially noted in the resolution, I have included it here.

The amendments to the Special Revenue Funds (numbers 110 to 160) are a result of the services provided by the district's maintenance crew being adaptive to the needs of each service area.

A summary of these changes is presented on the following page

Item	Fund Nbr.	Fund Description	Program	Expenditure	Account Nbr.	Account Description	Amount Increased	Funded by	Reason
1	110	Water Control East	Physical Environment	Personal Services	54620	Charges for Services	59,000	Available Fund Balance	More services than originally budgetd.
2	120	Water Control West	Physical Environment	Personal Services	54620	Charges for Services	31,000	Available Fund Balance	More services than originally budgetd.
3	160	Road Maint-West	Transportation	Personal Services	54620	Charges for Services	59,000	Available Fund Balance	More services than originally budgetd.
4	230	2006 PBCE Series A&B	Debt Service	Other Debt Service	54900	Other Current Charges	164,000	Available Fund Balance	TOJ Guaranteed Revenue charges
5	230	2006 PBCE Series A&B	Debt Service	Principal Repayments	57110	Principal Repayments	2,150,000	TOJ Reimbursements	Bond Call
6	230	2006 PBCE Series A&B	Debt Service	Interest	57210	Interest	17,000	TOJ Reimbursements	
7	255	2007 Series A OGEM Road Plan	Debt Service	Transfers	59100	Transfers Out	392,000	Available Fund Balance	Fund 15th POI
8	260	PBCE Hookup Financing Program	Debt Service	Other Debt Service	54900	Other Current Charges	74,000	Available Fund Balance	Pay TOJ for hookups enrolled prior to June 2010, but not connected to TOJ Water system until after funding date
9	330	PBCE Water Distribution Construction Fund	Capital Projects	Transfers	59100	Transfers Out	162,198	Available Fund Balance	Close fund
10	500	O& M Fund	Internal Service	Transfers	59200	Road R&R	199,100	Available Fund Balance	More roads paved than planned



To: Board of Supervisors  
FROM: Charles F. Haas, Treasurer  
RE: Proposed Budget Amendments  
Date: March 07, 2011

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The following Budget Amendments pertaining to the current fiscal year are presented to the Board for their consideration.

1. Establish Fund 185 "PBCE Park Maintenance"
2. Transfer \$150,000 from Fund 140, PBCE Road Maintenance to Fund 185, Other Current Charges line - (Items 1-3).
3. Establish Fund 265 "2011 Road Improvement Notes". This fund will be used to account for the annual debt service on the 16<sup>th</sup> POI- (Item 4).
4. Establish Fund 340 "Road Improvements" to account for the 16<sup>th</sup> POI construction.
5. Budget the expected receipt of bond proceeds and the expected construction line item in Fund 340, Road Improvement Fund -(Items 5 &6).
6. Transfer \$40,000 within the O&M Fund (Fund 500) from the Road R& R -current year account (Account 59220) to Road Maintenance account (Account 56412)-(Items 7&8).

A summary of these changes is presented on the following page.

Item	Fund Nbr.	Fund Description	Program	Expenditure	Account Nbr.	Account Description	Amount Increased	Funded by	Reason
1	140	Road Maintenance-East	Transportation	Transfers	59100	Transfers Out	150,000	Available Fund Balance	Establish Fund 185
2	185	PBCE Park Maint	Recreation	Transfers	38100	Transfers-In	150,000	Fund Transfer	Establish Fund 185
3	185	PBCE Park Maint	Recreation	Operating Expenses	54900	Other Current Charges	150,000	Transfer in	Establish Fund 185
4	265	2011 Road Improvement Notes	Debt Service	Debt Proceeds	38500	Proceeds from Debt Issuance	30,000	Issuance of debt	Fund Aug 1, 2011 payment
5	340	Road Improvement Construction	Capital Projects	Debt Proceeds	38500	Proceeds from Debt Issuance	1,885,000	Issuance of debt	Fund 16th POI
6	340	Road Improvement Construction	Capital Projects	Capital Outlay	56300	Road Improvements	1,885,000	Issuance of debt	
7	500	O& M	Inernal Service	Transfers	54612	Road Maintenance	42,000	Transfer from Road R&R account	Remove fog sealing/micro patching from R&R model
8	500	O& M	Inernal Service	Transfers	59220	Transfer to Road R&R	42,000	Transfer to Road R&R account	



# South Indian River Water Control District

## Statement of Revenues and Expenditures

100 - Special Revenue Funds

From 10/1/2010 Through 2/28/2011

(In Whole Numbers)

	<u>YTD Budget</u>	<u>Year to Date Actual</u>	<u>Budget Variance</u>
Revenue:			
Assessments - Net	1,930,570	1,895,174	(35,396)
Investment Income	3,629	348	(3,281)
Other Income	5,000	0	(5,000)
Total Revenue:	<u>1,939,199</u>	<u>1,895,522</u>	<u>(43,677)</u>
Expenditures:			
Personal Services	531,370	254,609	276,761
Contracted Services	268,228	268,371	(143)
Operating Expense	125,005	49,729	75,276
Office & Landowner Expense	0	1,120	(1,120)
Total Expenditures:	<u>924,603</u>	<u>573,828</u>	<u>350,775</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,014,596</u>	<u>1,321,694</u>	<u>307,098</u>
Ending Fund Balance	<u><u>1,014,596</u></u>	<u><u>1,321,694</u></u>	<u><u>307,098</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 2/28/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,431,585	2,470,279	38,694
Investment Income	4,835	430	(4,405)
Other Income	0	22,468	22,468
Total Revenue:	<u>2,436,420</u>	<u>2,493,177</u>	<u>56,757</u>
Expenditures:			
Contracted Services	0	175	(175)
Operating Expense	0	11,677	(11,677)
Principal Repayments	440,000	440,000	0
Interest Paid	231,866	231,865	1
Other Debt Service	30,585	7,999	22,586
Total Expenditures:	<u>702,451</u>	<u>691,716</u>	<u>10,735</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,733,969</u>	<u>1,801,461</u>	<u>67,492</u>
Ending Fund Balance	<u><u>1,733,969</u></u>	<u><u>1,801,461</u></u>	<u><u>67,492</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 2/28/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	960	0	(960)
Total Revenue:	960	0	(960)
Expenditures:			
Capital Outlay	48,500	0	48,500
Total Expenditures:	48,500	0	48,500
Excess (Deficit) Revenues over (under) Expenditures	(47,540)	0	47,540
Ending Fund Balance	(47,540)	0	47,540

# South Indian River Water Control District

## Statement of Revenues and Expenditures

500 - Internal Service Fund

From 10/1/2010 Through 2/28/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	625,125	303,305	(321,820)
Rents & Contracted Service Income	10,000	25,000	15,000
Other Income	12,500	1,487	(11,013)
Total Revenue:	<u>647,625</u>	<u>329,792</u>	<u>(317,833)</u>
Expenditures:			
Personal Services	358,540	292,738	65,802
Contracted Services	82,420	44,886	37,534
Operating Expense	137,080	73,240	63,840
Office & Landowner Expense	8,745	4,740	4,005
Insurance	21,250	34,141	(12,891)
Total Expenditures:	<u>608,035</u>	<u>449,747</u>	<u>158,288</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	39,995	10,567	29,428
Total Transfers, Financing & Capital Outlays	<u>39,995</u>	<u>10,567</u>	<u>29,428</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(405)</u>	<u>(130,521)</u>	<u>(130,116)</u>
Ending Fund Balance	<u>(405)</u>	<u>(130,521)</u>	<u>(130,116)</u>

**Memorandum**

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


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CC

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Subject Engineer's Report for March 2011

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From Lennart J. Lindahl, PE, District Engineer 

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Board Meeting Date March 17, 2011

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The following is a summary of activities and communications that were of significance during the month of March 2011:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

- A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been

held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid will be published in the local newspaper with the request that bidders obtain their bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid will be published in the local newspaper with the request that bidders obtain their bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update the Board of Supervisors with regards to these landowner initiatives.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on February 16, 2011. A review of the Third Term Permit was provided as well as an update on the Total Maximum Daily Load schedule for Palm Beach County. The Third Term Permit was issued by FDEP on March 2, 2011. According to FDEP's tentative schedule, a draft TMDL for nutrients for the NW Fork of the Loxahatchee River is due by mid-June, 2011. The next Steering Committee meeting is scheduled for March 16, 2011 and will include viewing of training videos on stormwater pollution prevention and spill response.

- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information and review comments. On July 9, 2010, SIRWCD staff attended a meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. On February 10, 2011, staff presented details of the project to the Board of Supervisors at a workshop.

Palm Beach County submitted to SIRWCD changes to the hydrologic and hydraulic model on February 25, 2011 and staff has been working with Palm Beach County on the modeling effort. Staff will be meeting with Palm Beach County on March 14, 2011 to discuss the status of the project. Palm Beach County is in the process of revising their current plan and is committed to keep SIRWCD informed as they progress with this project and is planning on attending the next meeting.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance at the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. Staff is prepared to update the Board of Supervisors at this month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting,

the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA flood zone designation area. A total of 78 landowners responded with 63 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner." Staff has evaluated the responses and can complete the LOMR-F application for the 63 landowners for \$500 per parcel.

- E. 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 of the increased water levels on the communities. The monitoring wells installed last April 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. SFWMD is working on a report of the compiled data through January 2011 for review by May 2011. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is beginning work on the design of an overflow to the C-18 Canal in that area. There has not been a G-160 meeting since our last report. The next G-160 meeting is scheduled for March 21, 2011.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Staff is prepared to discuss the results at this month's meeting.

- F. There has not been any North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meetings held since October, 2010. A final Value Engineering Report has been prepared and routed to the PDT. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2011.
- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the developments of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has contacted firms for proposals on water quality sampling services to meet SIRWCD needs. At last month's board meeting, HBEL, Inc. was awarded this contract and staff has been working with this firm on the execution of a continuing contract.
- 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.



*Over 85 Years of Service*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period March 11, 2011 through April 15, 2011

**DATE:** April 15, 2011

**ADMINISTRATIVE:**

1. Promoted Greg Gell to Equipment Foreman.
2. Meetings with Terra Tech, the District's aquatic weed spraying contractor, regarding canal maintenance and spraying.
3. Conference with North Florida Emulsions and Florida Highway Products regarding fog seal and micro-patch repair on existing OGEM roads.
4. Meetings with Vila & Sons regarding the canal berm restoration project along the Turnpike East Borrow canal.
5. Attended pre-bid conference at work center with District Engineer and contractors regarding the 16<sup>th</sup> Plan of Improvements.
6. Attended Loxahatchee River Management Coordinating Council meeting.
7. Attended John Deere Day in Fort Pierce with several employees.
8. On-site meeting with District Engineer and David Logan, Murray-Logan Construction Co., regarding the Canal E Levee Project.
9. Conducted District Safety meeting at work center.

MEMORANDUM

To: Board of Supervisors

April 15, 2011

Page 2

10. Meetings with numerous landowners regarding road and drainage issues.
11. The District purchased a new John Deere 5101 boom mower to replace the John Deere 6405 boom.
12. Conversation with DOT Turnpike representative regarding maintenance of East borrow canal.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Terra Tech sprayed approximately 6 miles of canals this reporting period.
3. Received a total of 1.85 inches of rainfall at the District's Work Center as we continue to see the driest season in 80 years!
4. Crews replaced inoperable culverts and installed rip-rap bags at various intersections throughout the District.
5. Inspected numerous outfall swales for maintenance.
6. Prepared swales for 3 driveway culverts followed by inspections.

**ROAD MAINTENANCE:**

1. Graders and mowers are continuing routine maintenance on roadways throughout the District.

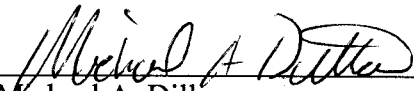
MEMORANDUM

To: Board of Supervisors

April 15, 2011

Page 3

2. Unimproved road sections continue to be re-contoured and stabilized throughout the District.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Apr. 15, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – Apr. 2011

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

- ❖ Special meeting (Apr. 11) release

The following items were uploaded to the website:

- ❖ In Memoriam – Gale English
- ❖ Special meeting (Apr. 11)
- ❖ Apr. Staff monthly reports–General Manager, Treasurer, Engineer, Pubic Information
- ❖ Meeting Minutes (Feb. 10 & 17, 2011)

We attended the monthly board meeting (Mar. 17) and special meeting (Apr. 11).

We attended the Palm Beach County Commission meeting (Apr. 5) for the presentation of a Proclamation honoring Gale English.

The 20<sup>th</sup> Annual Landowner's Day was a huge success on Sat. March 12 from 11:30 am – 2:30 pm. Attendance was up 12 per cent from last year. We had a lot of compliments on the food which was provided by Sonny's Real Pit Bar-B-Q this year. Everyone enjoyed the music which was provided by Tom Jackson, country music singer from Jupiter Farms. Cock-A-Doodle Doo entertained the kids with pony rides, face painting and a bounce house.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the General Manager 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.



*Over 85 Years of Service*

**BOARD OF SUPERVISORS MEETING**

May 5, 2011 – 7:30 p.m.  
Jupiter High School – Guidance Suite

**AGENDA**

1. Invocation and Pledge of Allegiance
2. Consent Agenda
  - Approval of Minutes (March 17, and April 11, 2011)
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:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period April 16, 2011 through May 14, 2011

**DATE:** May 14, 2011

**ADMINISTRATIVE:**

1. Received \$24,889.48 from the Town of Jupiter for water connections.
2. Meeting with District Engineer and David Logan of Murray Logan Construction, Inc. regarding the Canal E levee project in Palm Beach Country Estates.
3. Attended Loxahatchee River Preservation Initiative meeting.
4. Hired Tom Puglisi as part-time mower operator.
5. Two individuals performed community service at the District's work center.
6. Conference with Palm Beach County Road & Bridge regarding the replacement of outfall culverts on county roads throughout the District.
7. Matt Ames and David Murrell have completed five years of service at the District.
8. Conference with DEP and Palm Beach County officials in reference to public awareness of dumping debris in or around stormwater catch basins in Jupiter Farms and Palm Beach Country Estates.
9. Opened District yard area and assisted in Jupiter Farms clean-up project.

MEMORANDUM

To: Board of Supervisors

May 14, 2011

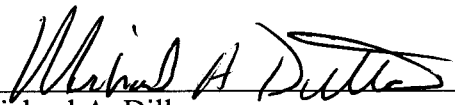
Page 2

**WATER CONTROL:**

1. Received 1.48 inches of rain at the District's work center for the reporting period.
2. Vila & Son Landscaping completed the east borrow canal project with the placing of sod in erosion areas repaired by the District.
3. Meetings with Terra-Tech regarding canal spraying.
4. Posen Construction completed cleaning canal H in Egret Landing and the District hauled away the material.
5. Crews continue to replace inoperable culverts and install rip-rap bags at various intersections throughout the District.
6. Inspected outfall swales in Palm Beach Country Estates.
7. Prepared swales for three driveway culverts followed by inspections.

**ROAD MAINTENANCE:**

1. Hauled 234 cubic yards of material from I-95 road project.
2. Hauled 288 cubic yards of road material to various locations within the District.
3. Roadway Management completed maintenance on existing OGEM roads with fog seal and micro-repair.
4. Graders and mowers are continuing routine maintenance on roadways throughout the District.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/hr





**DICK GRUENWALD  
ASSOCIATES, LLC**

May 2, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – Apr. – May 2011

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

- ❖ Special meeting (Apr. 11) release
- ❖ May 5 meeting release
- ❖ Board of Supervisors Recent Actions release (Apr. 29)

The following items were uploaded to the website:

- ❖ In Memoriam – Gale English
- ❖ Special meeting (Apr. 11) and May meeting (Apr. 29)
- ❖ Apr. and May Staff monthly reports–General Manager, Treasurer, Engineer, Public Information
- ❖ Meeting Minutes (Feb. 10 & 17, 2011)
- ❖ Board of Supervisors Recent Actions release

We attended the monthly board meeting (Mar. 17) and special meeting (Apr. 11).

We attended the Palm Beach County Commission meeting (Apr. 5) for the presentation of a Proclamation honoring Gale English.

We are working on the next edition of the SIRWCD newsletter. This will include a memorial tribute in photos for Gale English, the announcement of Mike Dillon as Manager of Operations, updates on recent board actions, follow up on the 20<sup>th</sup> Annual Landowners Day, and NPDES information.

The 20<sup>th</sup> Annual Landowner's Day was a huge success on Sat. March 12 from 11:30 am – 2:30 pm. Attendance was up 12 per cent from last year. We had a lot of compliments on the food which was provided by Sonny's Real Pit Bar-B-Q this year. Everyone enjoyed the music which was provided by Tom Jackson, country music singer from Jupiter Farms. Cock-A-Doodle Doo entertained the kids with pony rides, face painting and a bounce house.

We continue to work on the overall re-design and update for the SIRWCD website to include a new look, better visibility and functionality, new information, NPDES educational aspects and more.

We continue to work with Mr. Rice and the General Manager 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 March, 2011  
CC: Staff  
Date: April 29, 2011

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### **Routine Business**

1. The District has received a total of \$4,979,655 in assessment receipts through March 28, 2011 or 94% of the expected receipts for 2010/2011. This is ahead of collections for the same period in the prior year by approximately 7%.
2. We are continuing to work with the District's auditors, Grau & Company, on the audit for the fiscal year ending September 30, 2010. The auditor's field staff began work in the District's office on March 30, 2011.
3. We filed an Ongoing Disclosure with the Securities and Exchange Commission in March, pursuant to Rule 15c2-12, in connection with the issuance of the \$7,655,000, 2001 Section 15 Refunding Bonds and the issuance of the \$18,600,000, 2006 Palm Beach Country Estates Water Distribution System Improvement Bonds.
4. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

### **Board Consideration**

1. The Board will be asked to approve a resolution authorizing the District to borrow \$1,875,000 from Regions Bank to fund the 16<sup>th</sup> POI.

# South Indian River Water Control District

## Statement of Revenues and Expenditures

100 - Special Revenue Funds

From 10/1/2010 Through 4/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,107,004	1,947,332	(159,672)
Investment Income	5,079	419	(4,660)
Other Income	7,000	0	(7,000)
Total Revenue:	<u>2,119,083</u>	<u>1,947,751</u>	<u>(171,332)</u>
Expenditures:			
Personal Services	743,918	340,896	403,022
Contracted Services	369,281	324,279	45,002
Operating Expense	175,007	55,025	119,982
Total Expenditures:	<u>1,288,206</u>	<u>720,199</u>	<u>568,007</u>
Transfers, Financing & Capital Outlays			
Transfers	150,000	0	150,000
Total Transfers, Financing & Capital Outlays	<u>150,000</u>	<u>0</u>	<u>150,000</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>680,877</u>	<u>1,227,551</u>	<u>546,674</u>
Ending Fund Balance	<u><u>680,877</u></u>	<u><u>1,227,551</u></u>	<u><u>546,674</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 4/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,657,757	2,529,213	(128,544)
Investment Income	6,769	459	(6,310)
Other Income	0	22,468	22,468
Total Revenue:	<u>2,664,526</u>	<u>2,552,140</u>	<u>(112,386)</u>
Expenditures:			
Contracted Services	0	331	(331)
Operating Expense	0	34,411	(34,411)
Principal Repayments	675,505	675,504	1
Interest Paid	303,861	683,197	(379,336)
Other Debt Service	34,964	15,537	19,427
Total Expenditures:	<u>1,014,330</u>	<u>1,408,981</u>	<u>(394,651)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,650,196</u>	<u>1,143,159</u>	<u>(507,037)</u>
Ending Fund Balance	<u><u>1,650,196</u></u>	<u><u>1,143,159</u></u>	<u><u>(507,037)</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 4/30/2011

(In Whole Numbers)

	<u>YTD Budget</u>	<u>Year to Date Actual</u>	<u>Budget Variance</u>
Revenue:			
Investment Income	1,344	36	(1,308)
Total Revenue:	<u>1,344</u>	<u>36</u>	<u>(1,308)</u>
Expenditures:			
Capital Outlay	67,900	155,148	(87,248)
Total Expenditures:	<u>67,900</u>	<u>155,148</u>	<u>(87,248)</u>
Transfers, Financing & Capital Outlays			
Other Financing Sources-Uses	(1,885,000)	0	(1,885,000)
Total Transfers, Financing & Capital Outlays	<u>(1,885,000)</u>	<u>0</u>	<u>(1,885,000)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,818,444</u>	<u>(155,112)</u>	<u>(1,973,556)</u>
Ending Fund Balance	<u><u>1,818,444</u></u>	<u><u>(155,112)</u></u>	<u><u>(1,973,556)</u></u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

500 - Internal Service Fund

From 10/1/2010 Through 4/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	875,175	394,342	(480,833)
Rents & Contracted Service Income	14,000	27,000	13,000
Investment Income	0	102	102
Other Income	17,500	1,586	(15,914)
Total Revenue:	<u>906,675</u>	<u>423,030</u>	<u>(483,645)</u>
Expenditures:			
Personal Services	501,956	403,907	98,049
Contracted Services	124,388	83,503	40,885
Operating Expense	191,912	122,409	69,503
Office & Landowner Expense	12,243	7,152	5,091
Insurance	29,750	35,487	(5,737)
Total Expenditures:	<u>860,249</u>	<u>652,458</u>	<u>207,791</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	97,993	73,576	24,417
Total Transfers, Financing & Capital Outlays	<u>97,993</u>	<u>73,576</u>	<u>24,417</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(51,567)</u>	<u>(303,003)</u>	<u>(251,436)</u>
Ending Fund Balance	<u>(51,567)</u>	<u>(303,003)</u>	<u>(251,436)</u>

## Memorandum

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


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CC

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Subject Engineer's Report for April 2011

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From Lennart J. Lindahl, PE, District Engineer 

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Board Meeting  
Date May 5, 2011

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The following is a summary of activities and communications that were of significance during the month of April 2011:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been

held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has received contractors' bid proposals and has reviewed the completeness of each proposal. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update and recommend a contractor with regards to these landowner initiatives.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has received contractors' bid proposals and has reviewed the completeness of each proposal. Staff has coordinated these activities in accordance with the Board of Supervisors direction and is prepared to update and recommend a contractor with regards to these landowner initiatives.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on March 16, 2011. Training videos were presented for each entities compliance with the permit conditions. The training videos illustrated stormwater pollution prevention and spill response. Discussion was held concerning the interlocal agreements that were sent to each permit entity for review and execution. Staff has forwarded the agreement to the District Attorney for review. According to FDEP's tentative schedule, a draft TMDL for nutrients for the NW Fork



of the Loxahatchee River is due by mid-June, 2011. The next Steering Committee meeting is scheduled for May 18, 2011.

- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information and review comments. On July 9, 2010, SIRWCD staff attended a meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. On February 10, 2011, staff presented details of the project to the Board of Supervisors at a workshop.

Palm Beach County submitted to SIRWCD changes to the hydrologic and hydraulic model on February 25, 2011 and staff has been working with Palm Beach County on the modeling effort. Staff has submitted a letter to Palm Beach County in response to the County's request at the last board meeting.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance at the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. Staff is prepared to update the Board of Supervisors at next month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA floodzone designation area. A total of 79 landowners responded with 63 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner." Staff has evaluated the responses and can complete the LOMR-F application for the 64 landowners for \$500 per parcel.

Staff has begun the preparation of the application and has sent letters to landowners to communicate when a survey crew will be at their homes to gather information for the application. Surveying is expected to begin on May 3, 2011.

- E. 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 of the increased water levels on the communities. The monitoring wells installed last April 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. SFWMD is working on a report of the compiled data through January 2011 for review by May 2011. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is beginning work on the design of an overflow to the C-18 Canal in that area. There has not been a G-160 meeting since our last report.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Staff has met with a contractor to begin the minor construction work on the levee.

- F. There have not been any North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meetings held since October, 2010. A final Value Engineering Report has been prepared and routed to the PDT. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2011.

- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the developments of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has contacted firms for proposals on water quality sampling services to meet SIRWCD needs. At last month's board meeting, HBEL, Inc. was awarded this contract and staff has been working with this firm on the execution of a continuing contract.
- 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.



*Over 85 Years of Service*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period May 15, 2011 through June 10, 2011

**DATE:** June 10, 2011

**ADMINISTRATIVE:**

1. Meetings with Terra Tech, the District's aquatic weed spraying contractor, regarding canal maintenance.
2. Two persons performed community service at the District's work center.
3. Meeting with District Engineer and Lynch Paving regarding the 16<sup>th</sup> Plan of Improvement road paving project.
4. Received \$7,500.00 from Palm Beach County for mowing projects.
5. Murray Logan Construction, Inc. began work on the canal E levee project.
6. Meetings and phone conversations with landowners regarding various road and drainage issues.
7. Conference with Palm Beach County Road and Bridge officials on placing material at Old Indiantown Road.
8. Receiving bids for a new motor grader and backhoe.
9. Working with the Palm Beach County Sheriff's Office regarding placement of "No Motorized Vehicle" signs on the District's perimeter canals.

MEMORANDUM

To: Board of Supervisors

June 10, 2011

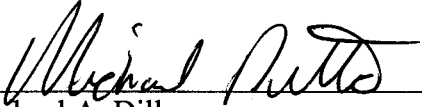
Page 2

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 3.11 inches of rain at the District's work center for the reporting period.
3. District crews continue to replace inoperable culverts and install rip-rap bags at various locations throughout the District.
4. Terra Tech continues canal spraying for aquatic weed control.
5. Inspecting outfall drainage swales for maintenance and culvert replacement.
6. Inspected and exercised all telemetry gates to ensure proper functions.

**ROAD MAINTENANCE:**

1. Bess Trucking hauled 288 cubic yards to various District locations.
2. Graders and mowers are continuing routine maintenance on roadways throughout the District.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/hr


## Memorandum

To South Indian River Water Control District  
Board of Supervisors Page 6

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CC

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Subject Engineer's Report for June 2011 

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From Lennart J. Lindahl, PE, District Engineer

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Board Meeting  
Date June 16, 2011

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The following is a summary of activities and communications that were of significance during the months of May and June 2011:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. The roads had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been

held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has received contractors' bid proposals and has reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Lynch Paving and Construction Company Inc. Staff has been negotiating the agreement with the contractor in accordance with the Board of Supervisors direction to include the additional services discussed and the Contractor should be given the notice to proceed within the next three weeks.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways had met the requirements to distribute a referendum to all benefited landowners and pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
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- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held, South Florida Water Management District approved the plan of improvements, and the surveying and the design of the proposed improvements have commenced.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff has received contractors' bid proposals and has reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Roadway Management Inc. Staff has issued the Notice of Award and contract documents and have received responses from the contractor. Staff has coordinated these activities in accordance with the Board of Supervisors direction and the Contractor should be given the notice to proceed within the next two weeks.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on May 18, 2011. A clarification memo was received from the

Florida Department of Environmental Protection (FDEP) concerning conditions of the NPDES Permit. As part of the permit, a draft standard operating procedure (SOP) for structural controls was distributed. This SOP can be used, but is not required, to help each permittee with their annual reports and the annual audits of the joint permit.

According to FDEP's tentative schedule, a draft TMDL for nutrients for the NW Fork of the Loxahatchee River is due by mid-June, 2011, but a draft TMDL for Fecal Coliform was published in May for a portion of the Loxahatchee River. On May 26, staff attended the meeting concerning the TMDL for Fecal Coliform and Egret Landing has been included in this document. Comments towards this document are due in June.

Permittees were reminded of the training that is offered by the Florida Stormwater Association and that the training helps fulfill the training and educational requirements of the NPDES permit. The committee considered providing classes, but did not move forward. These classes would be investigated further before deciding whether the committee would provide free classes. The next Steering Committee meeting is scheduled for July, 2011.

- B. On January 24, 2008 and April 8, 2008, staff met with Palm Beach County to discuss Palm Beach County's plans for the Hatcher/Indiantown Joint Venture Property. Palm Beach County is in the planning stages of their project. Palm Beach County presented the plan to the Board of Supervisors at the May 15, 2008 meeting. On July 28, 2008, staff met with the Solid Waste Authority (SWA) and their representatives concerning their response to Palm Beach County's plan. SWA submitted a dredging plan to Palm Beach County for the fill material that will be obtained from the project site. SWA and Palm Beach County have been meeting to discuss the preliminary plans for the parcel. Palm Beach County has submitted a South Florida Water Management District (SFWMD) Permit application and has forwarded SIRWCD a copy of this application.

Staff met with Palm Beach County on November 20, 2009 to discuss their submittal to SIRWCD and the response of SFWMD. Since then, Palm Beach County has cleared the perimeter of the property to obtain more survey data. Palm Beach County has modified its hydrologic and hydraulic model and has submitted it to SIRWCD for review. A meeting occurred on June 23, 2010 to discuss the submitted information and review comments. On July 9, 2010, SIRWCD staff attended a meeting with Palm Beach County to discuss the intended operation of the project. On September 7, 2010, Palm Beach County submitted their response to SFWMD for their permit application on this project and on September 21, 2010, SIRWCD received a permit application. Since SIRWCD's receipt of the application, Palm Beach County has received an additional request for information from the SFWMD. On February 10, 2011, staff presented details of the project to the Board of Supervisors at a workshop.

Palm Beach County submitted to SIRWCD changes to the hydrologic and hydraulic model on February 25, 2011 and staff has been working with Palm Beach County on the modeling effort. Staff has submitted a letter to Palm Beach County in response



to the County's request at the last board meeting. Since sending the letter, staff has received updated information from Palm Beach County and is reviewing the information.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance at the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. In addition, staff has contacted the awarded contractor, Lynch Paving and Construction Company, Inc. from the 16<sup>th</sup> Plan of Improvements for the asphalt installation in Palm Beach Country Estates to assist in the maintenance activities for the park. Staff is prepared to update the Board of Supervisors at next month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping and staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA floodzone designation area. A total of 79 landowners responded with 63 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner." Staff has evaluated the responses and can complete the LOMR-F application for the 64 landowners for \$500 per parcel.

Surveying began on May 3, 2011 for the preparation of the application for the LOMR-F and was completed May 20, 2011. Staff has begun the preparation of the application and is reviewing the details of the application. The application is expected to be submitted by the end of June.

- E. 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 of the increased water levels on the communities. The monitoring

wells installed last April 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. SFWMD is working on a report of the compiled data through January 2011 for review by May 2011. SFWMD has completed a topographic survey of the area located on the east side of the C-18 Canal in the northwest corner of the Loxahatchee Slough and is beginning work on the design of an overflow to the C-18 Canal in that area. There has not been a G-160 meeting since our last report.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Staff has met with a contractor to begin the minor construction work on the levee. Construction began on June 6, 2011 and is planned to be complete in three to four weeks.

- F. A meeting of the North Palm Beach County - Part 1 CERP Project Delivery Team (PDT) meetings was held May 11, 2011. The project has been renamed the Loxahatchee River Watershed Restoration Plan. Concerns with the project include the cost effective benefit analysis for the reservoir, connate seepage water management costs, the project's purpose and habitat units that were developed by the PDT. In order to resolve concerns, the Corps and SFWMD developed an additional modeling scope. The updated schedule includes Agency Technical Review in August 2011 and a revised Alternative Formulation Briefing to Corps management in February 2012. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2012.
- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 will be November 14, 2011 with final promulgation 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the developments of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has contacted firms for proposals on water quality sampling services to meet SIRWCD needs. HBEL, Inc. was awarded this contract and staff has received an executed continuing contract and will be meeting with the firm to begin the sampling effort.



- 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**

July 21, 2011 at 7:30 p.m.  
Jupiter Community High School – Guidance Suite

### **AGENDA**

1. Invocation and Pledge of Allegiance
2. Consent Agenda
  - Approval of Minutes (May 5, 2011)
  - Approval of July Warrant List
3. Consideration of budget
4. Consideration of Intention to Elect the Uniform Method of Collection of Non Ad Valorem assessments for the fiscal year 2011-2012.
5. Public Information report
6. General Manager's report
7. Engineer's report
8. Attorney's report
9. New business.
10. Landowners items
11. Adjourn



*Over 85 Years of Service*

**MEMORANDUM**

**TO:** Board of Supervisors

**FROM:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period June 11, 2011 through July 11, 2011

**DATE:** July 11, 2011

**ADMINISTRATIVE:**

1. Meetings with Terra Tech Environmental Services regarding canal maintenance.
2. Meeting with District Engineer and Lynch Paving regarding 16<sup>th</sup> Plan of Improvements asphalt paving project in Palm Beach Country Estates.
3. Meetings and phone conversations with landowners regarding various road and drainage issues.
4. Attended Florida Association of Special Districts Annual Conference.
5. Conference with Vila & Son regarding maintenance for Twisty Pines Park in Palm Beach Country Estates.
6. Attended pre-construction meeting with District Engineer and Roadway Management regarding OGEM road project in Jupiter Farms and Palm Beach Country Estates.
7. Received and installed new oil/water separator system to aid in shop maintenance. This unit meets National Pollutant Discharge Elimination System requirements and will be noted on our annual in-house inspection.
8. Meeting with District Engineer and HBEL Inc., Environmental Testing Services, regarding canal locations for water quality sampling.

MEMORANDUM

To: Board of Supervisors

July 11, 2011

Page 2

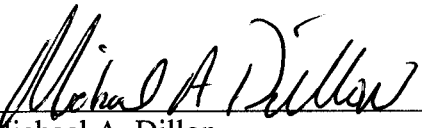
9. Attended Loxahatchee River Management Coordinating Council meeting.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 9.92 inches of rain at the District's work center for the 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. Inspecting outfall drainage swales for maintenance and culvert replacement.

**ROAD MAINTENANCE:**

1. Bess Trucking hauled 216 cubic yards to various District locations.
2. Graders and mowers are continuing routine maintenance on roadways throughout the District.

  
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Michael A. Dillon  
Manager of Operations

MAD/hr



**DICK GRUENWALD  
ASSOCIATES, LLC**

July 21, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – July 2011

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

- ❖ Public Hearing and Monthly meeting (July 21) release
- ❖ Updated the 16<sup>th</sup> Plan of Improvements Financing information

The following items were uploaded to the website:

- ❖ Public Hearing and Monthly meeting (July 21)
- ❖ June Newsletter
- ❖ July Staff monthly reports– Manager of Operations, Treasurer, Engineer, Public Information

We attended the staff meeting (July 14).

The July issue of the SIRWCD newsletter has been printed and is being mailed to all landowners. This includes information on the Board of Supervisors election, frequently asked questions regarding voting, Palm Beach Country Estates levee upgrades, updates on the 16<sup>th</sup> Plan of Improvements Financing information, FASD Lifetime Achievement Award presented to Betty English honoring Gale English, 5-year certificates of appreciation presented to District employees Matt Ames and David Murrell, and NPDES stormwater information.

We continue to work on the overall re-design and update for the SIRWCD website to 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.

## Memorandum

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


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Subject Engineer's Report for July 2011

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From Lennart J. Lindahl, PE, District Engineer 

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Board Meeting Date July 21, 2011

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The following is a summary of activities and communications that were of significance during the month of July 2011:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. 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 June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of



improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Lynch Paving and Construction Company Inc. Staff negotiated the agreement with the contractor and a notice to proceed was issued on July 14, 2011. Construction is anticipated to begin July 25, 2011. In accordance with the Board of Supervisors direction, staff is continuing negotiations with the contractor for a change order for additional services related to Twisty Pines Park.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways met the requirements to distribute a referendum to all benefited landowners. Pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' bid proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Roadway Management Inc. Staff issued the notice to proceed on June 29, 2011 and construction began on July 11, 2011.

**II. OPERATION AND MAINTENANCE**

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting has not been held since our last report. Responses to FDEP's comments on the Year 8 Annual Report were submitted to FDEP by the co-permittees on June 24, 2011. FDEP has distributed a new annual report form for our use in preparation of next year's annual report for the period from October 2010 through September 2011. The next Steering Committee meeting is scheduled for July 20, 2011

According to FDEP's tentative schedule, a draft TMDL for nutrients for the NW Fork of the Loxahatchee River was due by mid-June, 2011; however, the TMDL has not yet been issued. A draft TMDL for Fecal Coliform was published in May for a portion of the Loxahatchee River. On May 26, staff attended the meeting concerning the TMDL for Fecal Coliform. Egret Landing is included in the study area of this document.

- 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. SFWMD issued a permit for the project on July 5, 2011 and staff is preparing a permit from SIRWCD for this project.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance of the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. In addition, staff has contacted Lynch Paving and Construction Company, Inc. (the contractor for the 16<sup>th</sup> Plan of Improvements) to assist with the initial maintenance activities for the park. Staff is prepared to update the Board of Supervisors at next month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping. Staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May, 2010 Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and

determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA floodzone designation area. A total of 79 landowners responded with 64 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner."

Surveying began on May 3, 2011 for the preparation of the application for the LOMR-F and was completed May 20, 2011. Staff prepared the application and it was submitted to FEMA on July 11, 2011.

- E. 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 last April 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. There has not been a G-160 meeting since our last report.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Staff has met with a contractor to begin the minor construction work on the levee. Construction began on June 6, 2011 and is planned to be complete by the end of the month.

- F. The North Palm Beach County - Part 1 CERP Project has been renamed the Loxahatchee River Watershed Restoration Plan. Concerns with the project include: 1) the cost effective benefit analysis for the reservoir, 2) connate seepage water management costs, 3) the project's purpose, and 4) habitat units that were developed by the Project Delivery Team. In order to resolve concerns, the Corps and SFWMD developed an additional modeling scope. The updated schedule includes Agency Technical Review in August 2011 and a revised Alternative Formulation Briefing to Corps management in February 2012. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2012.

- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 is 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has HBEL, Inc. under contract for water quality sampling services to meet SIRWCD needs.
- 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.



To: Board of Supervisors  
FROM: Charles F. Haas, Treasurer  
RE: Treasurer's Report for the month of July, 2011  
CC: Staff  
Date: July 14, 2011

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### **Routine Business**

1. The District has received a total of \$5,078,951 in assessments through June 30<sup>th</sup>. This is about 95% of the expected 2010/2011 receipts.
2. The Audited Financials of the District was received on July 25, 2011. Electronic copies were sent to the Board and Staff.
3. We are in the prepared the listing of landowners needed for the annual landowner's meeting and sent it to the District for the mail-out.
4. We have begun working with Andrea Lemer at Palm Beach County Information System Services (ISS) to update the District's 2011-12 Assessment Roll.
5. A transfer was made from to the Trustee of the 2006 PBCE Water distribution system in the amount of \$650,000 to fund the August 1, 2011 payment.
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 discuss and adopt the budget for the coming fiscal year 2011-12. This was sent under separate cover to the Board on July 11, 2011.
3. The Board will be asked to authorize the refund of the 2001 Egret Landing Bond Issue. This was sent under separate cover to the Board on July 11, 2011.

4. Regions Bank has made a proposal to the District to assume the Trustee responsibilities for the 2001 Egret Landing Bonds and the 2006 PBCE Water Distribution System Bonds. They are offering to service these two issues for \$2000 per issue per year. This would generate a savings to the landowners about \$5,000 per year. I have attached a copy of their proposal letter and (separately) their PowerPoint presentation document. The Board will be asked to approve this transfer.
  
5. The District's agreement with the Town of Jupiter expires in June 2012. We have met with David Brown the Town's Utility Director to coordinate informing those landowners who have not yet hooked up to the Town's system of the expiration of the agreement which would include the lapsing of reduced connection costs. At that meeting we also discussed whether there would be any benefit to our landowners in extending the agreement for a few more years, including reestablishing the successful hookup financing program of a few years ago. At the time of this report, I need to clarify some of the considerations offered by the Town. A detailed analysis will be sent to you under separate cover. At this time the Board will be asked for an expression of interest in further exploring this possibility.

# South Indian River Water Control District

## Statement of Revenues and Expenditures

100 - Special Revenue Funds

From 10/1/2010 Through 6/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,151,272	2,136,782	(14,490)
Investment Income	6,529	2,721	(3,808)
Other Income	9,000	0	(9,000)
Total Revenue:	<u>2,166,801</u>	<u>2,139,503</u>	<u>(27,298)</u>
Expenditures:			
Personal Services	956,466	517,318	439,148
Contracted Services	468,917	446,815	22,102
Operating Expense	225,009	118,433	106,576
Total Expenditures:	<u>1,650,392</u>	<u>1,082,566</u>	<u>567,826</u>
Transfers, Financing & Capital Outlays			
Transfers	150,000	0	150,000
Total Transfers, Financing & Capital Outlays	<u>150,000</u>	<u>0</u>	<u>150,000</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>366,409</u>	<u>1,056,937</u>	<u>690,528</u>
Beginning Fund Balance			
Fund Balance	0	1,431,374	1,431,374
Total Beginning Fund Balance	<u>0</u>	<u>1,431,374</u>	<u>1,431,374</u>
Ending Fund Balance	<u>366,409</u>	<u>2,488,311</u>	<u>2,121,902</u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 6/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,714,297	2,775,614	61,317
Investment Income	8,703	2,653	(6,050)
Other Income	0	83,836	83,836
Total Revenue:	<u>2,723,000</u>	<u>2,862,103</u>	<u>139,103</u>
Expenditures:			
Contracted Services	0	1,751	(1,751)
Operating Expense	0	170,192	(170,192)
Principal Repayments	675,505	675,504	1
Interest Paid	406,840	786,174	(379,334)
Other Debt Service	45,558	16,455	29,103
Total Expenditures:	<u>1,127,903</u>	<u>1,650,076</u>	<u>(522,173)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,595,097</u>	<u>1,212,027</u>	<u>(383,070)</u>
Beginning Fund Balance			
Fund Balance	0	2,032,787	2,032,787
Total Beginning Fund Balance	<u>0</u>	<u>2,032,787</u>	<u>2,032,787</u>
Ending Fund Balance	<u>1,595,097</u>	<u>3,244,814</u>	<u>1,649,717</u>



# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 6/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	1,728	1,007	(721)
Total Revenue:	1,728	1,007	(721)
Expenditures:			
Capital Outlay	87,300	190,173	(102,873)
Total Expenditures:	87,300	190,173	(102,873)
Transfers, Financing & Capital Outlays			
Other Financing Sources-Uses	(1,885,000)	0	(1,885,000)
Total Transfers, Financing & Capital Outlays	(1,885,000)	0	(1,885,000)
Excess (Deficit) Revenues over (under) Expenditures	1,799,428	(189,166)	(1,988,594)
Beginning Fund Balance			
Fund Balance	0	1,300,491	1,300,491
Total Beginning Fund Balance	0	1,300,491	1,300,491
Ending Fund Balance	1,799,428	1,111,325	(688,103)

# South Indian River Water Control District

## Statement of Revenues and Expenditures

500 - Internal Service Fund

From 10/1/2010 Through 6/30/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,125,225	633,771	(491,454)
Rents & Contracted Service Income	18,000	40,500	22,500
Investment Income	0	85	85
Other Income	22,500	1,855	(20,645)
Total Revenue:	<u>1,165,725</u>	<u>676,212</u>	<u>(489,513)</u>
Expenditures:			
Personal Services	645,372	543,301	102,071
Contracted Services	156,356	129,268	27,088
Operating Expense	246,744	186,351	60,393
Office & Landowner Expense	15,741	9,646	6,095
Insurance	38,250	35,742	2,508
Total Expenditures:	<u>1,102,463</u>	<u>904,308</u>	<u>198,155</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	113,991	130,773	(16,782)
Total Transfers, Financing & Capital Outlays	<u>113,991</u>	<u>130,773</u>	<u>(16,782)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(50,729)</u>	<u>(358,869)</u>	<u>(308,140)</u>
Beginning Fund Balance			
Fund Balance	0	497,001	497,001
Total Beginning Fund Balance	<u>0</u>	<u>497,001</u>	<u>497,001</u>
Ending Fund Balance	<u>(50,729)</u>	<u>138,132</u>	<u>188,861</u>



July 12, 2011

South Indian River Water Control District  
Attn: Charles F. Haas  
15600 Jupiter Farms Road  
Jupiter, Florida 33478

**Via email: [haas@sirwcd.org](mailto:haas@sirwcd.org)**

**RE: South Indian River Water Control District Successor Trustee/Paying Agent  
Price Proposal (2001 Bonds and 2006 Bonds)**

Dear Mr. Haas:

Regions Bank (“Regions”) hereby submits this proposal to serve as successor trustee/paying agent for the South Indian River Water Control District (“District”). Regions has provided trust and agency services to clients for more than eighty years. We have demonstrated our commitment to the Corporate Trust business and produced a track record of expansion and growth. Regions would provide unparalleled service and attention to the District through our experienced and knowledgeable staff.

In addition to our first-rate Corporate Trust services, Regions Bank (based in Birmingham, Alabama) offers a full line of banking services through our network of some 1900 branches throughout the South, including 400 branches in Florida. This network of branches gives your business and its employees easy access to their money, and affords the convenience of banking locally.

Regions Financial Corporation (the Bank’s parent company) has assets of over \$135 billion, employs approximately 28,000 associates (over 4,000 in Florida), and ranks on the Forbes 500 list. We are currently the 5th largest municipal trustee in the U.S., and one of the few banks that offer both Corporate Trust services and commercial banking in Florida.

Specific to Florida, Regions Bank has provided corporate trust services, in Florida, for some time. Prior to 2006 these relationships were handled out of offices in Birmingham and Mobile, Alabama. Two offices were opened in Florida in 2006 (Jacksonville and Orlando) to locally service the Florida market. These deals would be administered out of our Jacksonville, Florida office.

**Contact Person: (Jacksonville, FL)**

Vladimir Muñoz  
Vice President and Trust Officer  
Regions Corporate Trust  
10245 Centurion Parkway, 2<sup>nd</sup> Floor  
Jacksonville, FL  
904-565-7970  
904-564-8558 (fax)  
[vladimir.munoz@regions.com](mailto:vladimir.munoz@regions.com)

Regions' five core values guide everything we do:

**Do What Is Right**

**Put People First**

**Reach Higher**

**Focus On Your Customer**

**Enjoy Life**

At Regions, we are committed to improving and building on the company's already strong corporate governance practices. These values guide our relationships with customers, associates, shareholders and the communities we serve, and they also provide the foundation to how we approach corporate governance.

Regions' Board of Directors and Executive Management Team work together to ensure we are in compliance with laws and regulations as well as to provide guidance for sound decision-making and accountability. Another component to Regions' approach to corporate governance is our corporate culture. Regions strives to conduct business according to the highest moral standards, as evidenced by our Code of Ethics. Our associates and Directors take this Code of Ethics seriously and are mindful of "Doing What Is Right." We foster an environment of openness and take every opportunity to protect our culture by aggressively promoting Regions' core values to associates. And we do this because it is the right thing to do, and our customers, shareholders, communities and associates expect it if they are to continue to give us their trust and confidence.

Results are important, and how we achieve those results is equally important. This principle drives our commitment to keeping public trust and support of our company.

**References:** Please see our references below:

**Ms. Sharon Binnun, CFO**  
**Citizens Property Insurance Corporation**  
**101 North Monroe Street, Suite 100**  
**Tallahassee, FL 32301**  
**Chief Financial Officer**  
**Office Phone: 850-513-3770**

**Ms. Patty Duquette, Controller**  
**Lee Memorial Health System**  
**224 Santa Barbara Boulevard, Suite 203**  
**Cape Coral, FL 33991**  
**Controller**  
**Office Phone: 239-242-6201**

Fees and Expenses are shown below for current issues outstanding:

- **Acceptance fee; \$0.00**, zero cost for issues transferred over; we also pay any termination fees charged by a prior trustee/paying agent on the issuer's behalf;
- **Annual trustee/paying agent administration fee; \$2,000 (per issue)**, paid annually in advance as of each closing anniversary date: This fee covers wires, checks, audit confirmations, out of pocket expenses, bond redemptions, maturity payments, etc.:

*These fees are guaranteed not to change for 5 years.*

These fees cover:

- Account set-up and maintenance;
- Investment, safekeeping and valuation of funds;
- Processing receipt and disbursement of monies (by check or wire);
- Payment of Construction Fund requisitions;
- Proper allocation of investment earnings;
- Online access to account holdings, historical transactions and income projections;
- Monitoring of covenants and secondary market disclosure;
- Providing information to investors, brokers and disclosure agents, as required;
- Timely response to the District's audit confirmation requests;
- Providing Tri Party Successor documentation;
- Transferring prior information from existing trustee;

Services not included in this proposal, but deemed necessary or desirable by The District, may be subject to additional charges based on a mutually agreed upon fee schedule.

Regions is committed to providing its clients with the best service possible. We will do whatever is required to exceed the District's expectations. We have assembled a team of professionals we believe to be the best in the corporate trust industry. That, together with our investment in state-of-the-art operations systems, enables our relationship managers and staff to deliver top-notch service. We feel Regions Bank has the experienced staff and systems necessary to provide the District with the solid, dependable service it needs, coupled with superior online access to facilitate its reporting requirements. We will definitely be able to meet any timeline desired by the District.

Below is a detailed description of our institution's electronic delivery capabilities of statements and invoices:

Trust customers receive monthly statements which are available in multiple formats including mark-to-market accrual based statements. In addition, our clients have on-line access to their accounts daily via the internet. Our state-of-the-art custody trust system, AddVantage, allows clients to access their account information on-line at any time. AddVantage allows our clients to have the tools needed to evaluate their investment portfolios.

Clients have a great deal of customization available for their on-line reports. Selectable information fields are available for including/omitting data; sort criteria are offered for ascending/descending views and time parameters include year to date, current month, and user specified date range. Additionally, these reports can then be downloaded in both popular spreadsheet and comma delimited formats.

Information contained on-line is updated daily. All historical information is available from date of inception through present day.

**The following is a list of information available on-line:**

- Balance Sheet
- Summary of Cash Receipts and Disbursements
- Summary of Fund
- Investment Review
- Summary of Earnings
- Schedule of Contributions
- Schedule of Income
- Schedule of Purchases
- Schedule of Realized Gains & Losses
- Schedule of Fees and Other Expenses

**Monthly statement** – detail listing of all assets and transactions that occurred in the account during the report period. Statements report both cost and market value along with any accruals.

**Custom Reports** - Our trust system is also capable of producing a wide range of custom reports. We can review the capabilities of our system and develop a standard package

Clients also have the availability to receive their invoices for debt service, fees, etc. to be delivered electronically via the day to day Relationship Manager if desired as well.

In conclusion, Regions Corporate Trust will provide the highest level of service to our clients through a single point of contact. When you appoint Regions as your provider of Trust services you can expect to work with a relationship manager who will become your partner. Each relationship manager has designated resources within our organization to be in a position to offer timely responses and provide assistance to you and your staff. Our model provides that your relationship management team is well versed in regards to all aspects of your account information from completing audit confirmation requests, timely investment of funds, proper maintenance of collateral, and accurate and timely flow of funds, to being able to answer questions about items that appear on your statement.

The accuracy of client reporting at Regions is ensured by checks and balances that are in place at each processing point in the department. Each and every employee is responsible for ensuring that his or her portion of the processing is done accurately. In the rare event that a breakdown occurs in this process, our trust system is programmed to verify certain frequently occurring transactions that could produce an out-of-balance client report.

I welcome the opportunity to discuss any of the information contained in this letter, or to provide any additional supporting documentation you may request. I can be reached at 904-565-7981 or email at [andy.lafear@regions.com](mailto:andy.lafear@regions.com).

Regards,



Andy LaFear, CCTS  
VP – Business Development  
Regions Corporate Trust Services

Agreed and Accepted: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_





*Over 85 Years of Service*

**BOARD OF SUPERVISORS MEETING**

August 18, 2011 – 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 (July 2011)
  - 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:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period July 11, 2011 through August 11, 2011

**DATE:** August 11, 2011

**ADMINISTRATIVE:**

- 1 Meetings with Terra Tech regarding canal weed control maintenance.
2. District was reimbursed \$2,550.00 by the Town of Jupiter for sod replacement along the Turnpike's east borrow canal.
3. Meetings and phone conversations with landowners regarding various road and drainage issues.
4. Conducted employee safety meeting at work center.
5. Attended Safety Council of Palm Beach County board meeting.
6. Met with District Engineer and Lynch Paving regarding the 16<sup>th</sup> Plan of Improvements asphalt roads in Palm Beach Country Estates.
7. Met with South Florida Water Management representative and District Engineer to discuss South Florida's Lower East Coast Water Supply Plan for 2012.

MEMORANDUM

To: Board of Supervisors

August 11, 2011

Page 2

8. Attended staff meeting.
9. Acknowledged Greta Rayman's 33<sup>rd</sup> year of dedicated service with the District.
10. Nortrax Equipment was the lowest bidder for both the motor grader and backhoe. Delivery of both machines is expected in early September.
11. On-site meetings with District Engineer regarding the Canal E levee project in Palm Beach Country Estates.
12. Meeting with Chief Wells, Palm Beach County Fire Rescue to discuss post-storm emergency operation procedures and evacuation routes for the District.
13. Notice of annual landowners meeting, ballots, etc. were mailed on August 5, 2011.
14. Received pre-payment of assessments for 16<sup>th</sup> Plan of Improvements from 2 landowners.
15. In the process of getting estimates from contractors to replace Vila & Son who have gone out of business.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 8.87 inches of rain at the District's work center for the 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 2 driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.
6. Inspecting outfall drainage swales for maintenance and culvert replacement.

MEMORANDUM

To: Board of Supervisors

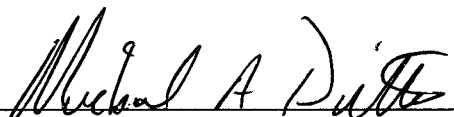
August 11, 2011

Page 3

7. Posen Construction finished placing sod and securing the banks along Canal H in Egret Landing.
8. Murray Logan Construction, Inc. performed structural repairs to Gates 2 and 5 weir structures in Jupiter Farms. These repairs were logged as part of our NPDES annual report.

**ROAD MAINTENANCE:**

1. Bess Trucking hauled 702 cubic yards of road material to various District locations.
2. Graders and mowers are continuing routine maintenance on roadways throughout the District.
3. Phone conversations with Palm Beach County regarding the asphalt overlay project on Jupiter Farms Road south of Sandy Run.
4. Roadway Management continuing with the OGEM installation as part of the 16<sup>th</sup> POI in Jupiter Farms and Palm Beach Country Estates.
5. Lynch Paving continuing with the asphalt installation in Palm Beach County Estates as part of the 16<sup>th</sup> POI.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/gr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Aug. 18, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – August 2011

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

- ❖ Monthly meeting (Aug. 18) release
- ❖ Board of Supervisors Election release
- ❖ Annual Budget Public Hearing and Monthly meeting (July 21) results release

The following items were uploaded to the website:

- ❖ Monthly meeting (Aug. 18) release
- ❖ Board of Supervisors Election release
- ❖ Annual Budget Public Hearing and Monthly meeting (July 21) results release
- ❖ July Newsletter
- ❖ August Staff monthly reports– Manager of Operations, Treasurer, Engineer, Public Information

Donna DeNinno will attend the StormCon 2011 Stormwater Conference in Anaheim, CA Aug. 22-25.

We continue to work on the overall re-design and update for the SIRWCD website to 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 August, 2011  
CC: Staff  
Date: August 12, 2011

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### **Routine Business**

1. The District has received a total of \$5,326,167 in assessment receipts through July 31st, 2011 or 99% of the expected receipts for 2010/2011.
2. We have continued to work with Andrea Lemer at Palm Beach County Information System Services (ISS) to update the District's 2011 Assessment Roll, and have submitted the District's assessment rates for the TRIM Notice for 2011/2012 fiscal year to the Property Appraiser's office on July 28, 2011.
3. We filed The District's AFR notice on July 28, 2011.
4. On July 29, 2011 the Annual Financial Report was filed to the Auditor General's office.
5. Following the Board's direction we will be sending our report to the District's Public Information Officer for uploading to the web-site.

### **Board Consideration**

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

# South Indian River Water Control District

## Statement of Revenues and Expenditures

100 - Special Revenue Funds

From 10/1/2010 Through 7/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,244,850	2,264,350	19,500
Investment Income	7,254	8,139	885
Other Income	10,000	0	(10,000)
Total Revenue:	<u>2,262,104</u>	<u>2,272,490</u>	<u>10,386</u>
Expenditures:			
Personal Services	1,062,740	583,480	479,260
Contracted Services	519,440	495,040	24,400
Operating Expense	250,010	144,635	105,375
Total Expenditures:	<u>1,832,190</u>	<u>1,223,156</u>	<u>609,034</u>
Transfers, Financing & Capital Outlays			
Transfers	150,000	0	150,000
Total Transfers, Financing & Capital Outlays	<u>150,000</u>	<u>0</u>	<u>150,000</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>279,914</u>	<u>1,049,334</u>	<u>769,420</u>
Beginning Fund Balance			
Fund Balance	0	1,431,374	1,431,374
Total Beginning Fund Balance	<u>0</u>	<u>1,431,374</u>	<u>1,431,374</u>
Ending Fund Balance	<u>279,914</u>	<u>2,480,708</u>	<u>2,200,794</u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 7/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,827,400	2,894,627	67,227
Investment Income	9,670	7,676	(1,994)
Other Income	0	83,836	83,836
Total Revenue:	<u>2,837,070</u>	<u>2,986,140</u>	<u>149,070</u>
Expenditures:			
Contracted Services	0	1,751	(1,751)
Operating Expense	0	170,192	(170,192)
Principal Repayments	1,105,200	1,105,199	1
Interest Paid	525,498	904,832	(379,334)
Other Debt Service	47,730	21,411	26,319
Total Expenditures:	<u>1,678,428</u>	<u>2,203,386</u>	<u>(524,958)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,158,642</u>	<u>782,754</u>	<u>(375,888)</u>
Beginning Fund Balance			
Fund Balance	0	2,032,787	2,032,787
Total Beginning Fund Balance	<u>0</u>	<u>2,032,787</u>	<u>2,032,787</u>
Ending Fund Balance	<u>1,158,642</u>	<u>2,815,541</u>	<u>1,656,899</u>



# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 7/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	1,920	1,057	(863)
Total Revenue:	1,920	1,057	(863)
Expenditures:			
Capital Outlay	97,000	195,101	(98,101)
Total Expenditures:	97,000	195,101	(98,101)
Transfers, Financing & Capital Outlays			
Other Financing Sources-Uses	(1,885,000)	0	(1,885,000)
Total Transfers, Financing & Capital Outlays	(1,885,000)	0	(1,885,000)
Excess (Deficit) Revenues over (under) Expenditures	1,789,920	(194,044)	(1,983,964)
Beginning Fund Balance			
Fund Balance	0	1,300,491	1,300,491
Total Beginning Fund Balance	0	1,300,491	1,300,491
Ending Fund Balance	1,789,920	1,106,447	(683,473)

# South Indian River Water Control District

## Statement of Revenues and Expenditures

500 - Internal Service Fund

From 10/1/2010 Through 7/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Charges for Services	1,250,250	725,422	(524,828)
Rents & Contracted Service Income	20,000	42,500	22,500
Investment Income	0	74	74
Other Income	25,000	2,065	(22,935)
Total Revenue:	<u>1,295,250</u>	<u>770,061</u>	<u>(525,189)</u>
Expenditures:			
Personal Services	717,080	596,048	121,032
Contracted Services	169,840	148,615	21,225
Operating Expense	274,160	223,599	50,561
Office & Landowner Expense	17,490	17,822	(332)
Insurance	42,500	35,742	6,758
Total Expenditures:	<u>1,221,070</u>	<u>1,021,827</u>	<u>199,243</u>
Transfers, Financing & Capital Outlays			
Capital Outlay	121,990	130,773	(8,783)
Total Transfers, Financing & Capital Outlays	<u>121,990</u>	<u>130,773</u>	<u>(8,783)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(47,810)</u>	<u>(382,539)</u>	<u>(334,729)</u>
Beginning Fund Balance			
Fund Balance	0	497,001	497,001
Total Beginning Fund Balance	<u>0</u>	<u>497,001</u>	<u>497,001</u>
Ending Fund Balance	<u>(47,810)</u>	<u>114,463</u>	<u>162,273</u>

Memorandum

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


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CC

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Subject Engineer's Report for August 2011

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From Lennart J. Lindahl, PE, District Engineer 

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Board Meeting Date August 18, 2011

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The following is a summary of activities and communications that were of significance during the month of August 2011:

I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. 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 June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of

improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Lynch Paving and Construction Company Inc. Staff negotiated the agreement with the contractor and a notice to proceed was issued on July 14, 2011. Construction began on July 25, 2011. In accordance with the Board of Supervisors direction, staff has negotiated a change order for additional services related to Twisty Pines Park.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways met the requirements to distribute a referendum to all benefited landowners. Pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' bid proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Roadway Management Inc. Staff issued the notice to proceed on June 29, 2011 and construction began on July 11, 2011.

## II. OPERATION AND MAINTENANCE

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting was held on July 20, 2011. Discussion topics included the 8<sup>th</sup> Year Report Assessment letter from FDEP, new annual report forms, and draft standard operating procedures for pro-active and re-active inspections of illicit discharges and high-risk facility inventory and inspection.

There was also considerable discussion on proposed FDEP Numeric Nutrient Criteria Standards for chlorophyll-a, total phosphorus, and total nitrogen for lakes and streams. The FDEP has been invited to Palm Beach County to hold a workshop on the proposed criteria in August. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria. The next Steering Committee meeting is scheduled for September 21, 2011.

- 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. SFWMD issued a permit for the project on July 5, 2011 and staff continues to coordinate with Palm Beach County on this project.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance of the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. In addition, staff has negotiated a change order with Lynch Paving and Construction Company, Inc. (the contractor for the 16<sup>th</sup> Plan of Improvements) to assist with the initial maintenance activities for the park. Staff is prepared to update the Board of Supervisors at next month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping. Staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May, 2010 Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and

determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA floodzone designation area. A total of 79 landowners responded with 64 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner."

Surveying began on May 3, 2011 for the preparation of the application for the LOMR-F and was completed May 20, 2011. Staff prepared the application and it was submitted to FEMA on July 11, 2011. On July 29, 2011, a notice was received from FEMA acknowledging receipt of the application and it indicated that if additional information is not required, they will issue a final letter of determination within 30 to 60 days.

- E. 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. There has not been a G-160 meeting since our last report.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Construction began on June 6, 2011 and was completed on August 9, 2011. Final survey and geotechnical information is being gathered as part of the project close-out.

- F. The North Palm Beach County - Part 1 CERP Project has been renamed the Loxahatchee River Watershed Restoration Plan. Concerns with the project include: 1) the cost effective benefit analysis for the reservoir, 2) connate seepage water management costs, 3) the project's purpose, and 4) habitat units that were developed by the Project Delivery Team. In order to resolve concerns, the Corps and SFWMD developed an additional modeling scope. The updated schedule includes Agency Technical Review in August 2011 and a revised Alternative Formulation Briefing to Corps management in February 2012. Staff will continue to

monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2012.

- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 is 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has HBEL, Inc. under contract for water quality sampling services to meet SIRWCD needs.
- 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.



*Over 85 Years of Service*

**BOARD OF SUPERVISORS AND ANNUAL LANDOWNERS MEETING**

September 15, 2011 - 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 2010 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:** Michael A. Dillon

**SUBJECT:** Manager of Operations' Report for the period August 12, 2011 through September 8, 2011

**DATE:** September 8, 2011

**ADMINISTRATIVE:**

- 1 Received District's new John Deere 710J backhoe which replaced the 1996 backhoe.
- 2 Meetings and phone conversations with landowners regarding various road and drainage issues.
- 3 Meetings with Terra Tech, aquatic weed contractor, regarding ongoing canal maintenance.
- 4 On-site meetings with District Engineer and Lynch Paving regarding the 16<sup>th</sup> Plan of Improvements asphalt roads in Palm Beach Country Estates.
- 5 Conference calls with South Florida Water Management District regarding Hurricane Irene.
- 6 Attended staff meeting.
- 7 Aquagenix replaces Vila & Son as the new swale maintenance contractor for Palm Beach Country Estates.
- 8 Hired Joe Simon as part time operator.
- 9 Meetings with David Logan (Murray Logan Construction Company), and District Engineer regarding the canal levee project in Palm Beach Country Estates.

MEMORANDUM

To: Board of Supervisors

September 8, 2011

Page 2

10. Received \$2,300.00 for monthly lease from Verizon Wireless which is an increase of \$300.00 per month based on their contract with the District.
11. Conducted employee safety meeting at District work center.

**WATER CONTROL:**

1. Mowers and backhoes continue routine maintenance services on roadside swales and berms throughout the District.
2. Received 6.83 inches of rainfall at the District's work center for 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 4 driveway culverts followed by inspections.
5. Terra Tech continues canal spraying for aquatic weed control.

**ROAD MAINTENANCE:**

1. Bess Trucking hauled 252 cubic yards of road material to District's work center.
2. Graders and mowers are continuing maintenance on roadways throughout the District.
3. Roadway Management continues the OGEM road surfacing project as part of the 16<sup>th</sup> Plan of Improvements in Jupiter Farms and Palm Beach Country Estates.

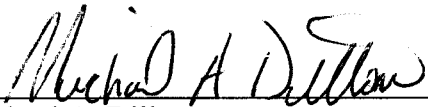
MEMORANDUM

To: Board of Supervisors

September 8, 2011

Page 3

4. Lynch Paving excavated approximately 4700 cubic yards of material in preparation for the 16<sup>th</sup> Plan of Improvements asphalt roads in Palm Beach Country Estates. The material is being used to make improvements to various roads and canal levees within Palm Beach Country Estates.

  
\_\_\_\_\_  
Michael A. Dillon  
Manager of Operations

MAD/gr



**DICK GRUENWALD  
ASSOCIATES, LLC**

Sept. 15, 2011

**TO:** Board of Supervisors, SOUTH INDIAN RIVER WATER CONTROL DISTRICT  
**FROM:** Dick Gruenwald Associates, DISTRICT PUBLIC INFORMATION SPECIALISTS  
**SUBJECT:** Monthly Report – September 2011

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

- ❖ Annual Landowners meeting (Sept. 15) release

The following items were uploaded to the website:

- ❖ Annual Landowners meeting (Sept. 15) release
- ❖ September Staff monthly reports– Manager of Operations, Treasurer, Engineer, Public Information

Donna DeNinno attended the StormCon 2011 Stormwater Conference in Anaheim, CA Aug. 22-25.

We continue to work on the overall re-design and update for the SIRWCD website to 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 September, 2011  
CC: Staff  
Date: September 9, 2011

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### **Routine Business**

1. The District has received a total of \$5,327,217 in assessment receipts through August 31st, 2011 or 99.7% of the expected receipts for 2010/2011.
2. We met with David Brown as well as other members from the Town of Jupiter utility department to discuss the extension of the Water Distribution Contract.
3. After months of working with a representative of the Tax Collector's Office we received a new listing of assessment collections by Property Control Number. This report will allow us to fine tune the allocation of assessments among the Districts funds.
4. We have requested proposals from Regions and Wells Fargo Bank regarding the Egret Landing Refunding. We expect to have responses by the September 19, 2011. To call the bonds on November 1, 2011, notification to bondholders must be made by October 1, 2011.
5. We have completed the Annual Treasurer's Report Brochure for the fiscal year ended September 30, 2010. A draft of the report is included.
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.

# South Indian River Water Control District

## Statement of Revenues and Expenditures

100 - Special Revenue Funds

From 10/1/2010 Through 8/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,244,850	2,264,379	19,529
Investment Income	7,979	8,236	257
Other Income	11,000	0	(11,000)
Total Revenue:	<u>2,263,829</u>	<u>2,272,615</u>	<u>8,786</u>
Expenditures:			
Personal Services	1,169,014	660,143	508,871
Contracted Services	569,023	546,304	22,719
Operating Expense	275,003	177,677	97,326
Total Expenditures:	<u>2,013,040</u>	<u>1,384,124</u>	<u>628,916</u>
Transfers, Financing & Capital Outlays			
Transfers	150,000	0	150,000
Total Transfers, Financing & Capital Outlays	<u>150,000</u>	<u>0</u>	<u>150,000</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>100,789</u>	<u>888,491</u>	<u>787,702</u>
Beginning Fund Balance			
Fund Balance	0	1,431,374	1,431,374
Total Beginning Fund Balance	<u>0</u>	<u>1,431,374</u>	<u>1,431,374</u>
Ending Fund Balance	<u>100,789</u>	<u>2,319,865</u>	<u>2,219,076</u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

200 - Debt Service Funds

From 10/1/2010 Through 8/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Assessments - Net	2,827,400	2,895,648	68,248
Investment Income	10,635	7,978	(2,657)
Other Income	0	83,836	83,836
Total Revenue:	<u>2,838,035</u>	<u>2,987,463</u>	<u>149,428</u>
Expenditures:			
Contracted Services	0	1,881	(1,881)
Operating Expense	0	170,192	(170,192)
Capital Outlay	0	364	(364)
Principal Repayments	1,105,200	1,105,199	1
Interest Paid	525,498	904,832	(379,334)
Other Debt Service	48,720	30,842	17,878
Total Expenditures:	<u>1,679,418</u>	<u>2,213,311</u>	<u>(533,893)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>1,158,617</u>	<u>774,152</u>	<u>(384,465)</u>
Beginning Fund Balance			
Fund Balance	0	2,032,787	2,032,787
Total Beginning Fund Balance	<u>0</u>	<u>2,032,787</u>	<u>2,032,787</u>
Ending Fund Balance	<u>1,158,617</u>	<u>2,806,939</u>	<u>1,648,322</u>

# South Indian River Water Control District

## Statement of Revenues and Expenditures

300 - Capital Projects Funds

From 10/1/2010 Through 8/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
Revenue:			
Investment Income	2,112	1,095	(1,017)
Total Revenue:	2,112	1,095	(1,017)
Expenditures:			
Capital Outlay	106,700	433,608	(326,908)
Total Expenditures:	106,700	433,608	(326,908)
Transfers, Financing & Capital Outlays			
Other Financing Sources-Uses	(1,885,000)	0	(1,885,000)
Total Transfers, Financing & Capital Outlays	(1,885,000)	0	(1,885,000)
Excess (Deficit) Revenues over (under) Expenditures	1,780,412	(432,513)	(2,212,925)
Beginning Fund Balance			
Fund Balance	0	1,300,491	1,300,491
Total Beginning Fund Balance	0	1,300,491	1,300,491
Ending Fund Balance	1,780,412	867,978	(912,434)



## South Indian River Water Control District

### Statement of Revenues and Expenditures

500 - Internal Service Fund

From 10/1/2010 Through 8/31/2011

(In Whole Numbers)

	YTD Budget	Year to Date Actual	Budget Variance
<b>Revenue:</b>			
Charges for Services	1,375,275	831,994	(543,281)
Rents & Contracted Service Income	22,000	44,800	22,800
Investment Income	0	65	65
Other Income	27,500	2,065	(25,435)
Total Revenue:	<u>1,424,775</u>	<u>878,923</u>	<u>(545,852)</u>
<b>Expenditures:</b>			
Personal Services	788,797	646,232	142,565
Contracted Services	183,324	158,382	24,942
Operating Expense	301,576	263,565	38,011
Office & Landowner Expense	19,239	19,636	(397)
Insurance	46,750	35,742	11,008
Capital Outlay	0	15,123	(15,123)
Total Expenditures:	<u>1,339,686</u>	<u>1,138,680</u>	<u>201,006</u>
<b>Transfers, Financing &amp; Capital Outlays</b>			
Capital Outlay	129,989	132,773	(2,784)
Total Transfers, Financing & Capital Outlays	<u>129,989</u>	<u>132,773</u>	<u>(2,784)</u>
Excess (Deficit) Revenues over (under) Expenditures	<u>(44,900)</u>	<u>(392,530)</u>	<u>(347,630)</u>
<b>Beginning Fund Balance</b>			
Fund Balance	0	497,001	497,001
Total Beginning Fund Balance	<u>0</u>	<u>497,001</u>	<u>497,001</u>
Ending Fund Balance	<u>(44,900)</u>	<u>104,471</u>	<u>149,371</u>

## ◆ ALL GOVERNMENTAL FUND TYPES<sup>(1)</sup>

In accordance with Chapter 298.17, Florida Statutes, the following illustrations represent funds received and expended during the year, and fund balance on hand at the beginning and end of the fiscal year ended September 30, 2010. The information presented has been derived from the General Purpose Financial Statements. It is not intended to be a financial report under generally accepted accounting principles.

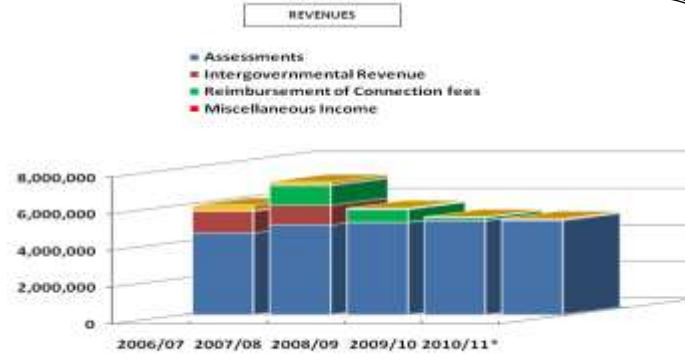
<sup>(1)</sup>Excluding Capital Project Funds

	BUDGET	ACTUAL	VARIANCE FAVORABLE (UNFAVORABLE)
<b>Revenues:</b>			
Assessments	\$ 5,113,920	\$ 5,114,827	\$ 907
Charges for services	-	20,225	20,225
Reimbursement of connections fees	-	145,203	145,203
Investment income	105,100	26,235	(78,865)
Miscellaneous	35,700	24,319	(11,381)
<b>Total revenues</b>	<b>5,254,720</b>	<b>5,330,809</b>	<b>76,089</b>
<b>Expenditures:</b>			
Current:			
Physical environment	1,058,118	1,158,111	(99,994)
Transportation	1,223,172	1,465,012	(241,839)
Debt service:			
Principal retirement	1,339,793	3,489,796	(2,150,003)
Interest	1,424,528	1,441,232	(16,704)
Other Debt Service	8,000	249,870	(241,870)
<b>Total expenditures</b>	<b>5,053,611</b>	<b>7,804,021</b>	<b>(2,750,410)</b>
Excess (deficiency) of revenues over (under) expenditures	201,109	(2,473,212)	(2,674,321)
<b>Other financing sources (uses):</b>			
Draw on line of credit	-	-	-
Transfer in	(10,000)	162,198	172,198
Transfer out	-	(391,229)	(391,229)
<b>Total other financing sources</b>	<b>(10,000)</b>	<b>(229,031)</b>	<b>(219,031)</b>
Excess (deficiency) of revenues and other financing sources over (under) expenditures and other financing uses	191,109	(2,702,243)	(2,893,352)
Fund balances, beginning of year	5,717,571	6,166,413	448,842
<b>Fund balances, September 30, 2009</b>	<b>\$ 5,908,680</b>	<b>\$ 3,464,170</b>	<b>\$ (2,444,510)</b>

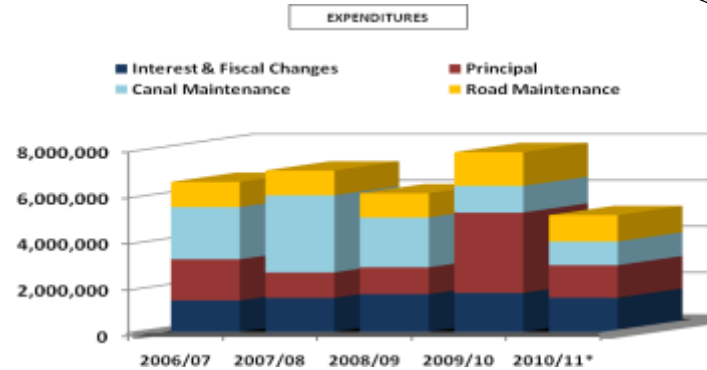
- ◆ The aggregated fund balances as of September 30, 2010, for the above funds totaled \$3,464,170; of that amount, \$2,032,791 is reserved for debt service.
- ◆ For the current fiscal year ending September 30, 2011, we anticipate total revenues to be approximately \$5,232,140. Expenditures are expected to be approximately \$5,068,902.

ALL GOVERNMENTAL FUND TYPES (EXCLUDING CAPITAL PROJECTS FUNDS) CONTINUED

## ◆ REVENUES AND EXPENDITURES – FIVE (5) YEAR TREND



Revenues for the Year Ended:	2006/07	2007/08	2008/09	2009/10	2010/11*
Assessments	4,446,350	4,884,677	5,026,959	5,114,827	5,125,440
Intergovernmental	1,182,956	1,076,809	11,660	20,225	30,000
Reimbursement of connection fees	-	1,062,202	687,117	145,203	-
Investment Income	265,936	147,990	36,143	26,235	20,700
Miscellaneous Income	53,615	66,004	49,218	24,319	56,000
Debt Proceeds	-	-	978,000	-	-



Expenditures for the Year Ended:	2006/07	2007/08	2008/09	2009/10	2010/11*
Principal	1,786,596	1,106,257	1,165,160	3,489,796	1,410,200
Interest & Fiscal Changes	1,366,954	1,476,865	1,640,655	1,691,102	1,483,142
Canal Maintenance	2,268,260	3,350,099	2,164,456	1,158,111	1,031,758
Road Maintenance	1,091,330	1,076,140	1,051,879	1,465,012	1,143,802

\*Partial Year

## ◆ CAPITAL PROJECTS FUNDS

Capital projects funds are used to account for improvements to the District's infrastructure.

<b>Fund balances, October 1, 2009</b>	<b>\$ 1,263,128</b>
<b>Revenues :</b>	
Investment income	1,337
<b>Total revenues</b>	<b>1,337</b>
<b>Total funds available for construction</b>	<b>1,264,465</b>
<b>Expenditures:</b>	
Capital outlay	669,529
<b>Total expenditures</b>	<b>669,529</b>
Excess of revenue over expenditures	<b>594,936</b>
Other financing sources	
Transfer in (out)	705,555
<b>Fund balances, September 30, 2010</b>	<b>\$ 1,300,491</b>

- ◆ On October 1, 2009, the beginning fund balance reported in the capital projects funds totaled \$1,263,128.
- ◆ Capital outlay for the capital projects funds at September 30, 2010 totaled \$669,529.
- ◆ The ending fund balance for the Capital Projects fund at September 30, 2010 was \$1,300,491.



**PRINCIPAL OFFICIALS**

**Thomas H. Powell**  
President

**Thomas Rice, Sr.**  
Vice President

**David J. Beane**  
Member

**Michael I. Danchuk**  
Member

**Michael Ryan**  
Member

**Michael A. Dillon**  
Manager of Operations



**District Engineer**  
Lennart J. Lindahl  
AECOM

**District Counsel**  
Terry E. Lewis  
William G. Capko  
Lewis, Longman & Walker, P.A.

**District Treasurer**  
Charles F. Haas  
Charles F. Haas CPA PA  
Certified Public Accountant

The information presented has been derived from the General Purpose Financial Statements and information provided by the District. It is not intended to be a financial report under generally accepted accounting principles.

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**SOUTH INDIAN  
RIVER  
WATER CONTROL  
DISTRICT**

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***ANNUAL  
TREASURER'S  
REPORT***

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**For the Year Ended  
September 30, 2010**


## Memorandum

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

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Subject Engineer's Report for September 2011 

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From Lennart J. Lindahl, PE, District Engineer

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Board Meeting  
Date September 15, 2011

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The following is a summary of activities and communications that were of significance during the month of September 2011:

### I. CURRENT CAPITAL IMPROVEMENTS AND OTHER DISTRICT PROJECTS

A. The District received petitions from landowners to apply asphalt on certain roadways within Palm Beach Country Estates. 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 June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 72<sup>nd</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 165<sup>th</sup> Street N. between 75<sup>th</sup> Avenue N. and 79<sup>th</sup> Terrace N.
- 72<sup>nd</sup> Drive N. between 155<sup>th</sup> Drive N. and 159<sup>th</sup> Court N.
- 167<sup>th</sup> Court N. between 75<sup>th</sup> Avenue N. and 78<sup>th</sup> Drive N.
- 84<sup>th</sup> Avenue N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 140<sup>th</sup> Lane N. between 64<sup>th</sup> Drive N. and 69<sup>th</sup> Drive N.
- 75<sup>th</sup> Way N. between 165<sup>th</sup> Street N. and 167<sup>th</sup> Court N.
- 67<sup>th</sup> Avenue N. between 141<sup>st</sup> Lane N. and Donald Ross Road
- 71<sup>st</sup> Drive N. between 150<sup>th</sup> Place N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Court N. between 69<sup>th</sup> Drive N. and 69<sup>th</sup> Trail N.
- 154<sup>th</sup> Road N. between 69<sup>th</sup> Drive N. and 75<sup>th</sup> Ave. N. (Results received November 23, 2010)

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of

improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Lynch Paving and Construction Company Inc. Staff negotiated the agreement with the contractor and a notice to proceed was issued on July 14, 2011. Construction began on July 25, 2011. In accordance with the Board of Supervisors direction, staff has negotiated a change order for additional services related to Twisty Pines Park.

- B. The District received petitions from landowners to apply an Open Graded Emulsion Mix (OGEM) surface on certain roadways within the District. The following roadways met the requirements to distribute a referendum to all benefited landowners. Pursuant to the Board direction, staff prepared a referendum for the landowner proposed projects that was mailed June 9, 2010 with the request that the landowner submit their response to the Palm Beach County Supervisor of Elections by July 14, 2010. The majority of the landowners who voted on the following roadways were "in favor" of the proposed projects.

- 98<sup>th</sup> Trail N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 151<sup>st</sup> Lane N. between 133<sup>rd</sup> Terrace N. and Canal 13
- 92<sup>nd</sup> Way N. between 150<sup>th</sup> Court N. and 154<sup>th</sup> Road N.
- 80<sup>th</sup> Drive N. between 155<sup>th</sup> Place N. and 159<sup>th</sup> Court N.
- 187<sup>th</sup> Place N. between 126<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. and 129<sup>th</sup> Terrace N. between 186<sup>th</sup> Court N. and 187<sup>th</sup> Place N.

At the August 12, 2010 meeting, the Board of Supervisors directed staff to move ahead with the proposed plan of improvements. Two public hearings have been held. The South Florida Water Management District has approved the plan of improvements, and the surveying and the design of the proposed improvements have been completed.

On March 13, 2011, an invitation to bid was published in the local newspaper with the request that bidders obtain bid packages on March 16, 2011 and return their proposals by April 12, 2011. Staff received contractors' bid proposals and reviewed the completeness of each proposal. On May 5, 2011, the Board of Supervisors awarded the contract to Roadway Management Inc. Staff issued the notice to proceed on June 29, 2011 and construction began on July 11, 2011.

**II. OPERATION AND MAINTENANCE**

- A. A National Pollutant Discharge Elimination System (NPDES) Steering Committee Meeting has not been held since our last report. The next Steering Committee meeting is scheduled for September 21, 2011.
- 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. SFWMD issued a permit for the project on July 5, 2011 and staff continues to coordinate with Palm Beach County on this project.

- C. In accordance with the direction provided at the December Board of Supervisors meeting, staff prepared a Minor and Insubstantial Plan Amendment to the 13<sup>th</sup> Plan of Improvements for the Board's consideration to allow for maintenance of the park in Palm Beach Country Estates. The Amendment was approved at the February Board of Supervisors meeting. Staff is currently reviewing information that was provided by the Twisty Pines Playground Foundation and is coordinating the timing of the operation and maintenance activities for the park. In addition, staff has negotiated a change order with Lynch Paving and Construction Company, Inc. (the contractor for the 16<sup>th</sup> Plan of Improvements) to assist with the initial maintenance activities for the park. Staff is prepared to update the Board of Supervisors at next month's meeting.
- D. The Federal Emergency Management Agency (FEMA) is currently in the process of updating Palm Beach County's floodplain mapping. Staff has been contacted by FEMA representatives to provide any modeling information concerning the area. Staff will continue to coordinate with FEMA staff.

In addition, staff has researched the process for revising a FEMA floodplain map in the Palm Beach Country Estates area. At the May, 2010 Board of Supervisors meeting, the Board directed staff to send a letter to the affected landowners and determine if the landowners would like SIRWCD to pursue changing the floodplain map. A letter of interest was sent to the landowners.

At the August 12, 2010 Board of Supervisors' Meeting, the Board directed staff to submit a more detailed letter of interest to the landowners. Staff provided more detailed information in the fall newsletter and prepared a revised letter of interest that was mailed to the landowners. Responses were returned by February 28, 2011.

A total of 457 notices were mailed to lots within the FEMA floodzone designation area. A total of 79 landowners responded with 64 landowners responding as "Yes, I am interested in SIRWCD applying for a LOMR-F for my structure(s)." The notice

stated to landowners that, "Depending on the number of participating landowners, the District estimates that this process will likely cost approximately \$200-\$500 per landowner."

Surveying began on May 3, 2011 for the preparation of the application for the LOMR-F and was completed May 20, 2011. Staff prepared the application and it was submitted to FEMA on July 11, 2011. On July 29, 2011, a notice was received from FEMA acknowledging receipt of the application and on August 24, 2011, FEMA sent a request for additional information. Staff is preparing a response back to FEMA.

- E. 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. There has not been a G-160 meeting since our last report.

Per the direction of the Board of Supervisors, staff has obtained the services of a geotechnical firm to analyze the existing levee conditions with the new water level elevations that may occur as the G-160 becomes fully operational. A workshop was held on February 10, 2011 to discuss the findings of this report. The Board directed staff to coordinate some minor construction work on the levee in accordance with the findings on the geotechnical report. Construction began on June 6, 2011 and was completed on August 9, 2011. Final survey and geotechnical information is being gathered as part of the project close-out.

- F. The North Palm Beach County - Part 1 CERP Project has been renamed the Loxahatchee River Watershed Restoration Plan. Concerns with the project include: 1) the cost effective benefit analysis for the reservoir, 2) connate seepage water management costs, 3) the project's purpose, and 4) habitat units that were developed by the Project Delivery Team. In order to resolve concerns, the Corps and SFWMD developed an additional modeling scope. The updated schedule includes Agency Technical Review in August 2011 and a revised Alternative Formulation Briefing to Corps management in February 2012. Staff will continue to monitor the developments as the Alternative Formulation Briefing report is scheduled for completion in April 2012.
- G. The date for promulgation of numeric nutrient criteria (total nitrogen and total phosphorus) for lakes and flowing waters (fresh waters) is 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 is 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. Staff has attended various workshops concerning the development of the numeric nutrient criteria and will continue to monitor the development of these criteria.

- H. Staff has continued to coordinate a water quality monitoring program with the Loxahatchee River District and has HBEL, Inc. under contract for water quality sampling services to meet SIRWCD needs.
- 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.