



South Florida Water Management District

GOVERNING BOARD MONTHLY MEETING AGENDA

This meeting is open to the public

October 9, 2014

9:00 AM

District Headquarters - B-1 Auditorium

3301 Gun Club Road

West Palm Beach, FL 33406

FINAL

Pursuant to Section 373.079(7), Florida Statutes, all or part of this meeting may be conducted by means of communications media technology in order to permit maximum participation of Governing Board members.

The Governing Board may take official action at this meeting on any item appearing on this agenda and on any item that is added to this agenda as a result of a change to the agenda approved by the presiding officer of the meeting pursuant to Section 120.525, Florida Statutes. The order of items appearing on the agenda is subject to change during the meeting and is at the discretion of the presiding officer. Public Comment will be taken after each presentation and before any Governing Board action(s) except for Governing Board hearings that involve the issuance of final orders based on recommended Orders received from the Florida Division of Administrative Hearings.

1. Call to Order - Dan O'Keefe, Chairman, Governing Board
2. Pledge of Allegiance - Dan O'Keefe, Chairman, Governing Board
3. Introduction of Representatives from Warrior Canine Connection - Rick Barber and Sandy Batchelor, Honorary Co- Chairs
4. Employee Recognitions - Presented by Blake Guillory, Executive Director
 - October Employee of the Month: Stuart Van Horn, Section Leader, Water Quality Bureau
 - October Team of the Month: Consumptive Use Permitting Consistency Implementation Team

5. Agenda Revisions - Jacki McGorty, District Clerk
6. Abstentions by Board Members from items on the Agenda
7. Water Resources Advisory Commission (WRAC) Report - Jim Moran, Chair

Consent Agenda

Members of the public wishing to address the Governing Board are to complete a Public Comment Card and submit the card to the front desk attendant. You will be called by the Board Chair or designee to speak. If you want to request that an item be removed from the Consent Agenda and be discussed by the Governing Board, please advise the Governing Board when you are called upon to speak. Governing Board directives limit comments from the public to 3 minutes unless otherwise determined by the Governing Board Chair. Your comments will be considered by the Governing Board prior to adoption of the Consent Agenda.

*Unless otherwise determined by the Chair, Board action on pulled Consent Agenda items will occur at or after 9:00 a.m. on Thursday. Regulatory items pulled from the Consent Agenda for discussion will be heard during the Discussion Agenda. **Unless otherwise noted, all Consent Agenda items are recommended for approval.***

8. Public Comment on Consent Agenda
9. Pull Items for Discussion from Consent Agenda
10. Board Comment on Consent Agenda
11. Approval of the Minutes for the September 11, 2014, Regular Business meeting, the September 11, 2014, Tentative Millage Rates and Tentative Budget Public Hearing, and the September 23, 2014, Final Millage Rates and Final Budget Public Hearing held in West Palm Beach, Florida.
12. Waivers for Water Resource Advisory Commission (WRAC) members pursuant to Section 112.313, Florida Statutes.
13. Regulatory Consent Items
 - Consent Orders
 - **RWF Legacy Ranch, Inc.; RWF Legacy Ranch (Okeechobee County)** - Settlement of an enforcement action regarding non-compliance with permit conditions due to unauthorized work and impacts to wetlands.
 - Conservation Easements, Amendments and Releases
 - **Neal Communities of Southwest Florida, Cypress Walk (Lee County)** - Staff recommends the approval of a request for the release a 1.109-acre portion of a 2.25-acre existing Conservation Easement (Exhibit B-Release Parcel 1) and a 2.753-acre portion of a 4.82-acre existing Conservation Easement (Exhibit B- Release Parcel 2) within a project known as Cypress Walk in Lee County. The applicant is requesting the release for modification of permit to construct the stormwater management system. A permit modification (Application No. 140507-20) has been submitted that includes proposed mitigation in the form of purchase of mitigation credits and additional offsite mitigation within the Six Mile Cypress Slough. Approximately 3.21 acres of the original Conservation Easement areas that includes 1.14 acres of the original 2.25-acre existing Conservation Easement area and 2.07 acres of the original 4.82-acre existing Conservation Easement area will remain.
 - **Jupiter 19 Park, LLC, Lakewood (Palm Beach County)** - Staff recommends the approval of a request for the release of a 0.720-acre portion of a 0.80-acre existing Conservation Easement including 0.720 acres of wetlands within a project known as

Lakewood in Palm Beach County. The applicant is requesting the release as a result of modifying the configuration of this proposed marsh. A Permit Modification (App #130301-15) has been submitted that includes the addition of 0.827 acres to the easement. Approximately 0.08 acres of the original Conservation Easement area will remain with: 0.08 acres of wetlands, for a total of 0.907 acres of Conservation Easement as a result of the release and addition.

- **Taylor Morrison Esplanade, LLC, Esplanade Golf and Country Club of Naples (Collier County)** - Staff recommends the approval of the release and replacement of previously granted Conservation Easements over approximately 1119.181 acres within a project known as Esplanade Golf and Country Club of Naples in Collier County, Florida (Permit No. 11-02031-P). The applicant is requesting this release and replacement to correct and amend previous legal descriptions since the property has since been platted. The released Conservation Easements will be replaced with new Conservation Easements over approximately the same acreages.

14. **Resolution No. 2014 - 1001** Authorize the granting of a Utility Easement to Palm Beach County, containing 0.19 acre, more or less, in conjunction with the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County. (OMC, Bruce Hall, ext. 6541)

Summary:

The South Florida Water Management District previously conveyed to Palm Beach County a Utility Easement along the perimeter of the District's L-8 Reservoir Project to supply reclaimed water to Florida Power & Light Company's (FPL) West County Energy Center. This easement was granted in exchange for FPL releasing an existing water pipeline easement more centrally located within the District's L-8 Reservoir Project. Current Project plans will impact a portion of the County's reclaimed water service line, requiring its relocation to a mutually compatible site for District Project plans and the County's continued operation of their reclaimed water service line. The utility easement will include the new proposed easement area for the relocated service line. District plans call for a reservoir inflow channel cut between the District's L-8 Canal and the L-8 Reservoir Cell 6, with an access road bridge spanning the channel as shown on the attached plans. This channel cut will require relocation of a portion of the County's existing reclaimed water pipeline. The District and County have considered options for the necessary relocation of the existing County reclaimed water pipeline and have determined the impacted portion of the pipeline should be relocated onto the new bridge. This relocation requires the District to grant a new easement to the County adding an additional parcel of land. This additional parcel of land is approximately ten (10) feet in width by approximately eight hundred (800) feet in length (containing 0.19 acre, more or less) and will encumber the westerly 10' of the District's L-8 Canal Right of Way as shown on the attached map. This Utility Easement is contingent upon Governing Board approval of a Right of Way Occupancy Permit Request with Waiver of District Criteria (and for which Governing Board approval is being sought concurrently with this Utility Easement). This Utility Easement allows the District the right, at its expense and subject to County approval, to relocate this new easement. The County will take this Utility Easement for its acceptance and execution to their October 21, 2014 County Commission meeting.

Staff Recommendation:

Authorize the granting of a Utility Easement to Palm Beach County, containing 0.19 acre, more or less, in conjunction with the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County, providing an effective date.

15. Right of Way Regulatory Consent Items

- Right of Way Occupancy Permit Modifications
 - Staff recommends the approval to authorize the modification of **Linear Park** (Bluegill II Pathway) consisting of a 12' wide asphalt shared use path within the east right of way of the C-18 beginning at SR 710 (Beeline Highway) and ending at PGA Blvd. for a total distance of 2 miles. Palm Beach County.
- Right of Way Occupancy Permit Requests with Waiver of District Criteria
 - Staff recommends approval of a request by **Palm Beach County Water Utilities** (Application Number 14-0919-1) for issuance of a Right of Way Occupancy Permit Number 14352 and waiver of criteria for the relocation of a portion of the 36-inch reclaimed water main lying west of the L-8 canal, located approximately 3,200 feet north of State Road 80. Location: Palm Beach County, Section 29, Township 43 South, Range 40 East.
- Relaxation of Standards as Allowed Under District Rule 40E-6.011(9) F.A.C.
 - Staff recommends that the Governing Board waive, for future Right of Way Occupancy Permit Applications, the requirement contained in District Rules which specifies that an encumbered 40 foot wide strip of right of way as measured from the top of bank landward, is needed in order for the District to perform its routine operations and maintenance activities. The area under consideration is located along the south right of way of C-13 adjacent to three (3) residential lots immediately west of the N.E. 6th Avenue bridge, Broward County. Staff's recommendation is based on the fact that this reach of the District's C-13 Canal has less than 20 feet of overbank right of way, is located downstream of a coastal structure (S-36) and is accessible by the Fort Lauderdale Field Station for routine land-based maintenance activities.
- Right of Way Occupancy Permit Requests for Denial
 - **Jeanette Peoples Trustee, John A. & Kim C. Collier, and Byron S. & Janet P. Storey** (Application No. 14-0311-2) - Staff recommends denial because the applicant is not the owner of the land lying adjacent to the District's canal and therefore is not in compliance with District Rule 40E-6.221(9), F.A.C.

16. **Resolution No. 2014 - 1002** Approve release of canal and mineral reservations. (OMC, Kathy Massey, ext. 6835)

Summary:

The District has jurisdiction over certain reserved rights to construct canal right of ways, and mineral rights, together with the right of ingress, egress and exploration. Applications requesting releases of these reservations are routinely received from landowners, attorneys, title companies and lending institutions, who consider the reservations to be title defects. Applications are reviewed by appropriate District staff and applicable local governmental agencies to determine that there is no present or future need for the reservations.

Staff Recommendation:

Staff recommends approval of the following:

- Release of Trustees canal reservations for Horizon 880, LLC, a Michigan limited liability company, (File No. 7-14-3) for 31.60 acres in Palm Beach County

- Release of Trustees canal reservations and District mineral reservations for Miami Dade RE Investments, LLC, a Delaware limited liability company, (File Nos. 9-14-1 and 18604) for 1.90 acres in Miami-Dade County
- Release of District canal reservations for Sam's East, Inc., (File No. 18560) for 27.39 acres in Miami-Dade County

17. **Resolution No. 2014 - 1003** Approve the release of an access easement containing 4.20 acres, more or less, in exchange for a new access easement containing 2.26 acres, more or less, C-23 Project, located in Section 36, Township 37 South, Range 40 East, St. Lucie County, and Section 1, Township 38 South, Range 40 East, Martin County, subject to satisfaction of certain terms, conditions and requirements. (OMC, Kathy Massey, ext. 6835)

Summary:

The applicant has requested that the District relocate its current access easement to accommodate the completion of their improvements in exchange for a relocated access easement. The easement to be released contains 4.20+/- acres and the new easement will contain 2.26+/- acres. This request has been reviewed by District staff and it has been determined that the new access easement will be more convenient access to the C-23 right of way.

The release will be subject to certain terms, conditions and requirements, which must be satisfied no later than December 31, 2015, to the satisfaction of the District in its sole and absolute discretion prior to the release being granted to the Applicant.

Staff Recommendation:

Staff recommends approval of the following:

Approve the release of an access easement containing 4.20 acres, more or less, in exchange for a new access easement containing 2.26 acres, more or less, C-23 project, located in Section 36, Township 37 South, Range 40 East, St. Lucie County, and Section 1, Township 38 South, Range 40 East, Martin County, subject to satisfaction of certain terms, conditions and requirements; providing an effective date.

18. **Resolution No. 2014 - 1004** Authorize an amendment to Contract 4600002401 with Environmental Consulting and Technology Inc., for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets. (Contract 4600002401) (OMC, Robert Kukleski, ext. 3337)

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,800,000 to \$2,300,000 for the

referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

19. **Resolution No. 2014 - 1005** Authorize an amendment to Contract 4600002399 with Professional Services Industries, Inc. for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets. (Contract 4600002399) (OMC, Robert Kukleski, ext. 3337)

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,800,000 to \$2,300,000 for the referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

20. **Resolution No. 2014 - 1006** Authorize an amendment to Contract 4600002397 with URS Corporation, for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets. (Contract 4600002397) (OMC, Robert Kukleski, ext. 3337)

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-

referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,400,000 to \$1,900,000 for the referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

21. **Resolution No. 2014 - 1007** Accepting the FY2015 Five-Year Water Resource Development Work Program pursuant to Section 373.536(6)(a)4, Florida Statutes. (WR, Mark Elsner, ext. 6156)

Summary

Pursuant to Section 373.536(6)(a) Florida Statutes (F.S.), the water management districts are required to submit a Five-Year Water Resource Development Work Program to the Governor, the President of the Senate, the Speaker of the House of Representatives, the Florida Department of Environmental Protection, and others following final budget adoption. The Work Program describes the District's implementation strategy and funding plan for the water resource development components of each approved regional water supply plan. Projects involving water conservation, resource evaluation and regional water resource development are examples of what is contained in the five-year plan.

Staff Recommendation

Staff recommends that the Governing Board approve this resolution, accepting the Draft Five-Year Water Resource Development Work Program; transmitting it to the parties identified in Section 373.536(6)(a) F.S.; and, authorizing District staff to address and incorporate appropriate revisions as a result of agency and/or public comment to the Work Program prior to inclusion into the FY2015 South Florida Environmental Report.

22. **Resolution No. 2014 - 1008** Authorize entering into a three-year no cost agreement with the Ocean Research and Conservation Association, Inc (ORCA) authorizing placement of research instruments within the C-24 Right of Way for the purpose of identifying contaminants and sources of contaminants; providing an effective date. (WR, Peter Doering, ext. 2772)

Summary

The Ocean Research and Conservation Association (ORCA) is conducting a research project identifying contaminants and sources of contaminants in the C-24 Canal located in St. Lucie County, Florida. This Memorandum of Agreement (MOA) facilitates and broadens the scope of this research project by allowing ORCA to place research instruments within the Right-of-Way of the C-24 Canal. Equipment will be placed at two sites, one at the mouth of the C-24 where it enters the North Fork of the St. Lucie Estuary and a second at the delineation between agriculture and residential land use (see attached site maps). Instrumentation will not interfere with activities associated with maintaining the canal or the right of way and will not interfere with boat traffic using the study area. There is no cost to the District associated with this project.

Staff Recommendation

Staff recommends approval of this MOA.

23. **Resolution No. 2014 - 1009** Advising the Department of Environmental Protection of the District's Water Management Lands Trust Fund Budget for FY15; authorizing the Executive Director or Designee to request reimbursement quarterly based on actual expenditures. (AS, Candida Heater, ext. 6486)

Summary

This request is for Governing Board approval of a resolution advising the Department of Environmental Protection of the District's intent to utilize Water Management Lands Trust Fund budget authority for debt service and for the Corbett Levee Improvements; authorizing the Executive Director or Designee to request reimbursement quarterly; and extending the reimbursement timeframe to include the fourth quarter of Fiscal Year 2015; providing an effective date.

Staff Recommendation

Staff recommends approval of the Resolution advising the Department of Environmental Protection of the District's intent to utilize Water Management Lands Trust Fund budget authority for debt service and the Corbett Levee Improvements; authorizing the Executive Director or Designee to request reimbursement quarterly for eligible cost reimbursement from October 1, 2014 through September 30, 2015.

24. **Resolution No. 2014 - 1010** Advising the Florida Department of Environmental Protection of the FY15 Adopted and Estimated Carry Forward grant balances available utilizing funds from the Save Our Everglades Trust Fund (SOETF); authorizing the Executive Director or Designee to request reimbursement based on actual expenditures through September 30, 2015. (AS, Candida Heater, ext. 6486)

Summary

Annual Resolution advising FDEP of the District's grant balances available utilizing SOETF funding as previously authorized during legislative sessions. The District is also seeking approval to authorize the submittal of reimbursement requests to FDEP for FY15 District expenditures incurred as authorized in the annual appropriation language.

Staff Recommendation

Approval of this resolution to authorize submittal of reimbursement packages to FDEP for FY15 SOETF expenditures.

25. **Resolution No. 2014 - 1011** Authorizing the Executive Director or Designee to submit reimbursement requests to the Florida Department of Environmental Protection for implementation of Comprehensive Everglades Restoration Plan Water Quality Studies using Save Our Everglades Trust Funds. (AS, Candida Heater, ext. 6486).

Summary

Section 373.472, F.S. created the Save Our Everglades Trust Fund (the "Trust Fund") within the Florida Department of Environmental Protection (the "Department"). Funds in the Trust Fund shall be expended to implement the comprehensive plan as defined in s. 373.470(2)(b) F.S. The Governing Board of the South Florida Water Management District (the "District") approved Resolution Number 2012-302 authorizing the execution of a ten year agreement with the Department for Implementation of CERP Water Quality Studies. The agreement contains the Disbursement Procedure for CERP Water Quality Studies and requires a formal resolution adopted by the Governing Board of the District. This resolution authorizes the District to seek reimbursement for expenditures supporting the CERP Water Quality Studies Annual Work Plan for Fiscal Year 2015.

Staff Recommendation

Staff recommends approval of the Resolution authorizing the District to submit reimbursement requests to the Florida Department of Environmental Protection for implementation of Comprehensive Everglades Restoration Plan Water Quality Studies using Save Our Everglades Trust Funds for costs incurred during the period October 1, 2014 through September 30, 2015.

26. **Resolution No. 2014 - 1012** Authorize the Executive Director or Designee to enter into three reimbursement grant agreements with the Florida Department of Environmental Protection and authorizing the Executive Director or Designee to submit reimbursement requests in the amount of \$8,769,525, for the C-43 Reservoir, Dispersed Water Management, and Operations Support, as funded by the Florida Legislature in the General Appropriations Act for fiscal year 2014/2015, Appropriation 1622A, and for which funds are budgeted. (AS, Candida Heater, ext. 6486)

Summary

Through the Conference Report on the General Appropriations Act FY2014/2015, Appropriation 1622A, the Florida Legislature appropriated a total of \$8,769,525 from the General Revenue Fund to the South Florida Water Management District for the C-43 Reservoir, Dispersed Water Management, and Operations Support.

Staff Recommendation

Staff recommends approval of the Resolution authorizing the District to enter into three reimbursement grant agreements with the Florida Department of Environmental Protection and authorizing the Executive Director or Designee to submit reimbursement requests in the amount of \$8,769,525, for the C-43 Reservoir, Dispersed Water Management, and Operations Support, using General Revenue Funds.

27. **Resolution No. 2014 - 1013** Requesting the Florida Department of Environmental Protection to release and transfer funds from the General Revenue Fund for Dispersed Water Storage, in the amount of \$10,000,000, pursuant to 373.501(2), F.S. (AS, Candida Heater, ext. 6486)

Summary

The 2014 Legislature, through House Bill 5001, State Appropriation Number 1622B, provides funding for Dispersed Water Storage from the General Revenue Fund, in the amount of ten million dollars (\$10,000,000). In accordance with §373.501(2), “funds appropriated by the Legislature for the purpose of funding a specific water management district project shall be transferred to the water management district when the proposed project has been reviewed by the secretary of the pertinent state agency and upon receipt of a governing board resolution requesting such funds.”

Staff Recommendation

Staff recommends approval of the Resolution authorizing the District to request the Florida Department of Environmental Protection to release funds from the General Revenue Fund for Dispersed Water Storage, in the amount of \$10,000,000.

28. Board Vote on Consent Agenda
29. General Public Comment
30. Board Comment

Discussion Agenda

31. Technical Reports
 - A) Water Conditions Report - Jeff Kivett, Division Director, Operations, Engineering and Construction Division (ext. 2680)
 - B) Ecological Conditions Report - Terrie Bates, Division Director, Water Resources Division (ext. 6952)
32. Year in Review: FY2014 Major Accomplishments - Blake Guillory, Executive Director (ext. 6302)

Summary

The purpose of this presentation is to highlight the major accomplishments of the agency during Fiscal Year 2014 (October 1, 2013 - September 30, 2014). Information will be provided on key achievements in carrying out the District's core mission responsibilities including business improvements and efficiencies; restoration and water quality project construction; year-round flood protection activities; increases in water storage; water supply planning for people and natural systems; and interagency coordination.

Staff Recommendation

This item is for information only; no action is required.

33. FY15 Look Ahead - Dan DeLisi, Chief of Staff (ext. 6232)
34. Restoration Strategies Construction Update - John Mitnik, Bureau Chief, Engineering and Construction Bureau (ext. 2679)

Summary

Design and construction of the treatment and storage projects in the Restoration Strategies Regional Water Quality Plan is taking place in three phases over a 12-year timeframe, with completion of all projects set for 2025. Work is underway on several components for the plan's first two phases, which are scheduled to be finished by Consent Order Milestone dates in 2016 and 2018, respectively. Projects currently under construction include the A-1 Flow Equalization Basin, L-8 Flow Equalization Basin, L-8 Divide Structure and the S-5AS Divide Structure Modifications. This presentation will provide a status update on the projects currently under construction and outline the remaining construction schedule.

Staff Recommendation

This item is for information only; no action is required.

35. Bolles Canal Update - John Mitnik, Bureau Chief, Engineering and Construction Bureau (ext. 2679)

Summary

The District has initiated a design effort to improve the conveyance capacity of the Bolles Canal between the Hillsboro Canal and the North New River. The purpose of the overall construction project is to provide additional system flexibility to manage water within the Everglades Agricultural Area, and to provide additional flood protection for adjacent lands. This Governing Board item will provide an update as to the status of the project.

Staff Recommendation

This item is for information only; no action is required.

36. General Public Comment

Staff Reports

37. Monthly Financial Report - Doug Bergstrom, Division Director, Administrative Services Division
38. General Counsel's Report - Edward Artau
39. Executive Director's Report - Blake Guillory
Report of permits issued by authority delegated to the Executive Director from September 1-30, 2014.
40. Board Comment

Attorney Client Sessions

41. Attorney Client Session - FEMA

Attorney client session pursuant to Section 286.011(8), Florida Statutes (2013), to discuss strategy related to litigation expenditures and/or settlement negotiations in South Florida Water Management District v. FEMA, et al., United States District Court, Southern District of Florida, Case No. 13-80533-CIV-Middlebrooks/Brannon.

ATTENDEES: Governing Board Members F. Barber, S. Batchelor, M. Hutchcraft, M. Peterson, J. Moran, D. O’Keefe, J. Portuondo, K. Powers; Executive Director B. Guillory; District attorneys E. Artau, K. Burns, J. Collier, C. Kowalsky. (Edward L. Artau, ext. 6431)

Action Items, (if any), Stemming from Attorney/Client Session

Attorney client session pursuant to Section 286.011(8), Florida Statutes (2013), to discuss strategy related to litigation expenditures and/or settlement negotiations in South Florida Water Management District v. FEMA, et al., United States District Court, Southern District of Florida, Case No. 13-80533-CIV-Middlebrooks/Brannon. (Edward L. Artau, ext. 6431)

42. Attorney Client Session - USA

Attorney client session pursuant to Section 286.011(8), Florida Statutes (2013), to discuss strategy related to litigation expenditures and/or settlement negotiations in United States of America v. South Florida Water Management District, et al., United States District Court, Southern District of Florida, Case No. 88-1886-CIV-Moreno.

ATTENDEES: Governing Board Members F. Barber, S. Batchelor, M. Hutchcraft, J. Moran, D. O’Keefe, M. Peterson, J. Portuondo, K. Powers; Executive Director B. Guillory; District attorneys E. Artau, K. Burns, J. Collier, C. Kowalsky. (Edward L. Artau, ext. 6431)

Action Items, (if any), Stemming from Attorney/Client Session

Attorney client session pursuant to Section 286.011(8), Florida Statutes (2013), to discuss strategy related to litigation expenditures and/or settlement negotiations in United States of America v. South Florida Water Management District, et al., United States District Court, Southern District of Florida, Case No. 88-1886-CIV-Moreno. (Edward L. Artau, ext. 6431)

43. Adjourn

**October Employee of the Month
Stuart Van Horn – Section Leader
Water Quality Bureau**

Stuart is responsible for regularly reporting compliance and compliance issue with the Everglades Settlement Agreement to the Technical Oversight Committee (TOC). He is the District lead in technical discussions related to Appendix A as well as Section Leader responsible for water quality compliance reporting under other legal agreements and permits.

After briefing the TOC last year on matters related to Shark River Slough (SRS) compliance, Stuart worked tirelessly on hydrology data, use of resampled water quality results and data tracking via the TOC website. As a result, TOC members came to a consensus and more appropriate SRS compliance reporting schedules were approved.

Stuart is the District leader of the interagency Appendix A subteam created to evaluate alternative methodologies for Settlement Agreement compliance in SRS. He organizes and leads countless working meetings and directs technical staff efforts. To meet state goals, he has coached staff on policy matters and environmental litigation history as well as state rulemaking processes.

Stuart participates in high-level meetings and WRAC briefings. Resolution of the water quality compliance approach is critical in order to proceed with implementation of the Central Everglades Planning Project and other restoration projects that will increase water deliveries to Everglades National Park.

Stuart's efforts have resulted in a consistent state process and philosophy, a proposed state alternative to the Appendix A compliance methodology, and increased staff awareness of historic precedents.

Congratulations, Stuart!

**October Team of the Month
Consumptive Use Permitting Consistency Implementation Team
Representing Water Use Bureau, Information Technology Bureau and
Office of Counsel**

Ravinder Arra

Jennifer Bokankowitz

Beth Colavecchio

Tom Colios

Brad Cook

Nancy Demonstranti

Duane Dunn

Carolina Escobar

David Kirouac

Stephanie Lancaster

Kellie Madison

Alicia Magloire

Linda McCafferty

Steven Memberg

Beth Ross

Jon Shaw

Karin Smith

Simon Sunderland

Erica Tyska-Gould

Nick Vitani

In 2011, DEP kicked-off an effort to promote consistency in the Consumptive Use Permitting (CUP) programs among the five water management districts. The goals of the effort were to treat applicants equitably statewide, provide for consistent protection of the environment, streamline the process and incite behavior that protects water resources.

This effort required each water management district to staff a Core Team, Legal Team, 11 Workgroups and an IT Team. There were no less than 15 trips to meetings in Maitland, countless weekly workgroup teleconferences, numerous stakeholder meetings, and 13 rule development and rulemaking workshops.

While the results of this multi-year effort did not affect our technical evaluation criteria, it did require significant changes to our existing CUP Program business processes, including creation of a new Applicant's Handbook, enhanced application forms, revisions to our permit thresholds, and significant re-programming of the District's water use module of the ePermitting system.

Implementation of these changes required a significant amount of staffing resources, travel, after-hours work, teamwork and technical expertise among staff across multiple Bureaus and Offices. On July 14 of this year, the CUP Consistency rule amendments became effective and the ePermitting enhancements went live with great success. Congratulations to the CUP Consistency Implementation Team on a job well done!

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CONSENT AGENDA TABLE OF CONTENTS
REGULATORY ITEMS FOR GOVERNING BOARD ACTION
October 9, 2014

	PAGE
I CONSENT ORDERS	1
II CONSERVATION EASEMENT AMENDMENTS AND RELEASES	2

REGULATION AGENDA ITEMS

PERMIT DENIAL: Those listed on the consent agenda are routine in nature and non-controversial. Such denials are typically due to failure of applicant to complete the application. Unique or controversial projects or those requiring a policy decision are normally listed as discussion items. Permit types include:

Environmental Resource (ERP): Permits that consider such factors as the storage of storm water to prevent flooding of a project (upstream or downstream projects); the treatment of stormwater prior to discharge from the site to remove pollutants; and the protection of wetlands on the project site.

Surface Water Management: Permits for drainage systems, which address flood protection, water quality, and environmental protection of wetlands.

Water Use: Permits for the use of ground and/or surface water from wells, canals, or lakes.

Lake Okeechobee Works of the District: Permits that set concentration limits for total phosphorus in surface discharge from individual parcels in the Lake Okeechobee Basin.

EAA Works of the District: Permits to reduce the total phosphorus load from the EAA by 25 percent in water discharged to Works of the District.

Wetland Resource: Permits for dredge and fill activities within Waters of the State and their associated wetlands.

ADMINISTRATIVE HEARING: A case in litigation conducted pursuant to the Administrative Procedures Act (Chapter 120, Florida Statutes) involving the determination of a suit upon its merits. Administrative hearings provide for a timely and cost effective dispute resolution forum for interested persons objecting to agency action.

FINAL ORDER: The Administrative Procedures Act requires the District to timely render a final order for an administrative hearing after the hearing officer submits a recommended order. The final order must be in writing and include findings of fact and conclusions of law.

CONSENT ORDER: A voluntary contractual agreement between the District and a party in dispute which legally binds the parties to the terms and conditions contained in the agreement. Normally used as a vehicle to outline the terms and conditions regarding settlement of an enforcement action.

CONSERVATION EASEMENT: A perpetual interest to the District in real property that retains land or water areas in their existing, natural, vegetative, hydrologic, scenic, open or wooded condition and retains such areas as suitable habitat for fish, plants, or wildlife in accordance with Section 704.06, F.S.

TECHNICAL DENIAL: This action normally takes place when a proposed project design does not meet water management criteria or the applicant does not supply information necessary to complete the technical review of an application.

EMERGENCY ORDER and AUTHORIZATION: An immediate final order issued without notice by the Executive Director, with the concurrence and advice of the Governing Board, pursuant to (Section 373.119(2), Florida Statutes, when a situation arises that requires timely action to protect the public health, safety or welfare and other resources enumerated by rule and statute.

MEMORANDUM OF AGREEMENT/UNDERSTANDING: A contractual arrangement between the District and a named party or parties. This instrument typically is used to define or explain parameters of a long-term relationship and may establish certain procedures or joint operating decisions.

PETITION: An objection in writing to the District, requesting either a formal or an informal administrative hearing, regarding an agency action or a proposed agency action. Usually a petition filed pursuant to Chapter 120, Florida Statutes, challenges agency action, a permit, or a rule. Virtually all agency action is subject to petition by substantially affected persons.

SEMINOLE TRIBE WORK PLAN: The District and the Seminole Indians signed a Water Use Compact in 1987. Under the compact, annual work plans are submitted to the District for review and approval. This plan keeps the District informed about the tribe plans for use of their land and the natural resources. Although this is not a permit, the staff has water resource related input to this plan.

SITE CERTIFICATIONS: Certain types of projects (power plants, transmission lines, etc.) are permitted by the Governor and Cabinet under special one-stop permitting processes that supercede normal District permits. The Water Management Districts, DEP, DCA, FGFWFC, and other public agencies are mandatory participants. DEP usually coordinates these processes for the Governor and Cabinet.

VARIANCES FROM, OR WAIVERS OF, PERMIT CRITERIA: The Florida Administrative Procedures Act provides that persons subject to an agency rule may petition the agency for a variance from, or waiver of, a permitting rule. The Governing Board may grant a petition for variance or waiver when the petitioner demonstrates that 1) the purpose of the underlying statute will be or has been achieved by other means and, 2) when application of the rule would create a substantial hardship or would violate principles of fairness.

1. RESPONDENT: RWF LEGACY RANCH, INC.
PROJECT: RWF LEGACY RANCH

SEC 3 TWP 35S RGE 34E OKEECHOBEE COUNTY
SETTLEMENT OF AN ENFORCEMENT ACTION REGARDING NON-COMPLIANCE WITH PERMIT
CONDITIONS DUE TO UNAUTHORIZED WORK AND IMPACTS TO WETLANDS

Attachment: ca_reg_rm_100_sd (Revised) (2118 : Regulatory Consent Agenda)

-
- 1. PERMITTEE: TAYLOR MORRISON ESPLANADE, LLC
 - PROJECT: ESPLANADE GOLF AND COUNTRY CLUB OF NAPLES

COLLIER COUNTY

APPROVE RELEASE AND REPLACEMENT OF PREVIOUSLY GRANTED CONSERVATION EASEMENTS OVER APPROXIMATELY 1119.181 ACRES WITHIN A PROJECT KNOWN AS ESPLANADE GOLF AND COUNTRY CLUB OF NAPLES IN COLLIER COUNTY, FLORIDA (PERMIT NO. 11-02031-P). THE APPLICANT IS REQUESTING THIS RELEASE AND REPLACEMENT TO CORRECT AND AMEND PREVIOUS LEGAL DESCRIPTIONS SINCE THE PROPERTY HAS SINCE BEEN PLATTED. THE RELEASED CONSERVATION EASEMENTS WILL BE REPLACED WITH NEW CONSERVATION EASEMENTS OVER APPROXIMATELY THE SAME ACREAGES.

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- 2. PERMITTEE: NEAL COMMUNITIES OF SOUTHWEST FLORIDA
 - PROJECT: CYPRESS WALK

LEE COUNTY

APPROVE RELEASE OF A 1.109-ACRE PORTION OF A 2.25-ACRE EXISTING CONSERVATION EASEMENT (EXHIBIT B-RELEASE PARCEL 1) AND A 2.753-ACRE PORTION OF A 4.82-ACRE EXISTING CONSERVATION EASEMENT (EXHIBIT B- RELEASE PARCEL 2) WITHIN A PROJECT KNOWN AS CYPRESS WALK IN LEE COUNTY. THE APPLICANT IS REQUESTING THE RELEASE FOR MODIFICATION OF PERMIT TO CONSTRUCT THE STORMWATER MANAGEMENT SYSTEM. A PERMIT MODIFICATION (APPLICATION NO. 140507-20) HAS BEEN SUBMITTED THAT INCLUDES PROPOSED MITIGATION IN THE FORM OF PURCHASE OF MITIGATION CREDITS AND ADDITIONAL OFFSITE MITIGATION WITHIN THE SIX MILE CYPRESS SLOUGH. APPROXIMATELY 3.21 ACRES OF THE ORIGINAL CONSERVATION EASEMENT AREAS THAT INCLUDES 1.14 ACRES OF THE ORIGINAL 2.25-ACRE EXISTING CONSERVATION EASEMENT AREA AND 2.07 ACRES OF THE ORIGINAL 4.82-ACRE EXISTING CONSERVATION EASEMENT AREA WILL REMAIN.

-
- 3. PERMITTEE: JUPITER 19 PARK L L C
 - PROJECT: LAKEWOOD

PALM BEACH COUNTY

APPROVE RELEASE OF A 0.720- ACRE PORTION OF A 0.80- ACRE EXISTING CONSERVATION EASEMENT INCLUDING 0.720 ACRES OF WETLANDS WITHIN A PROJECT KNOWN AS LAKEWOOD IN PALM BEACH COUNTY. THE APPLICANT IS REQUESTING THE RELEASE AS A RESULT OF MODIFYING THE CONFIGURATION OF THIS PROPOSED MARSH. A PERMIT MODIFICATION (APP #130301-15) HAS BEEN SUBMITTED THAT INCLUDES THE ADDITION OF 0.827 ACRES TO THE EASEMENT. APPROXIMATELY 0.08 ACRES OF THE ORIGINAL CONSERVATION EASEMENT AREA WILL REMAIN WITH: 0.08 ACRES OF WETLANDS, FOR A TOTAL OF 0.907 ACRES OF CONSERVATION EASEMENT AS A RESULT OF THE RELEASE AND ADDITION.

Attachment: ca_reg_rm_100_sd (Revised) (2118 : Regulatory Consent Agenda)

M E M O R A N D U M

TO: Governing Board Members

FROM: Karen Estock, Division Director

DATE: October 09, 2014

SUBJECT: Utility Easement between SFWMD and PBC/L-8 Res Pump Station and Inflow Struc G-358

Summary:

The South Florida Water Management District (the "District") previously conveyed to Palm Beach County (the "County") a Utility Easement along the perimeter of the District's L-8 Reservoir Project to supply reclaimed water to Florida Power & Light Company's (FPL) West County Energy Center. This easement was granted in exchange for FPL releasing an existing water pipeline easement more centrally located within the District's L-8 Reservoir Project. Current Project plans will impact a portion of the County's reclaimed water service line, requiring its relocation to a mutually compatible site for District Project plans and the County's continued operation of their reclaimed water service line. The utility easement will include the new proposed easement area for the relocated service line. District plans call for a reservoir inflow channel cut between the District's L-8 Canal and the L-8 Reservoir Cell 6, with an access road bridge spanning the channel as shown on the attached plans. This channel cut will require relocation of a portion of the County's existing reclaimed water pipeline. The District and County have considered options for the necessary relocation of the existing County reclaimed water pipeline and have determined the impacted portion of the pipeline should be relocated onto the new bridge. This relocation requires the District to grant a new easement to the County adding an additional parcel of land. This additional parcel of land is approximately ten (10) feet in width by approximately eight hundred (800) feet in length (containing 0.19 acre, more or less) and will encumber the westerly 10' of the District's L-8 Canal Right of Way as shown on the attached map. This Utility Easement is contingent upon Governing Board approval of a Right of Way Occupancy Permit Request with Waiver of District Criteria (and for which Governing Board approval is being sought concurrently with this Utility Easement). This Utility Easement allows the District the right, at its expense and subject to County approval, to relocate this new easement. The County will take this Utility Easement for its acceptance and execution to their October 21, 2014 County Commission meeting.

Staff Recommendation:

Authorize the granting of a Utility Easement to Palm Beach County, containing 0.19 acre, more or less, in conjunction with the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County, providing an effective date.

Core Mission and Strategic Priorities:

Proceeding with implementation of the District's L-8 Reservoir, Pump Station and Inflow Structure G-358 without modification of plans and/or delay is contingent upon granting this utility easement to Palm Beach County.

Funding Source:

N/A

Staff Contact and/or Presenter:

Bruce Hall, bhhall@sfwmd.gov, ext. 6541

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1001

A Resolution of the Governing Board of the South Florida Water Management District to authorize the granting of a Utility Easement to Palm Beach County, containing 0.19 acre, more or less, in conjunction with the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County; providing an effective date.

WHEREAS, the South Florida Water Management District (the "District") desires to implement the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County; and

WHEREAS, the District's project plans will impact a portion of an existing Palm Beach County (the "County") Utility Easement, interrupting the operation of a reclaimed water service line, requiring a new utility easement to be executed for its relocation; and

WHEREAS, the District and County have reached agreement on the terms and conditions of a proposed utility easement, containing 0.19 acre, more or less, as described on Exhibit "A" attached hereto; and

WHEREAS, in addition to this proposed utility easement the County has also submitted a District Right of Way Occupancy Permit Request with Waiver of District Criteria which the District Governing Board will consider concurrently with this proposed utility easement; and

WHEREAS, the County intends to approve acceptance of and to execute this proposed utility easement at its next commission meeting on October 21, 2014; and

WHEREAS, pursuant to Section 373.056, Florida Statutes, the South Florida Water Management District is authorized to convey land interests, not required for its purposes, to any governmental entity under terms and conditions as determined by the Governing Board.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes the granting of a Utility Easement to Palm Beach County, containing 0.19 acre, more or less, in conjunction with the L-8 Reservoir Pump Station and Inflow Structure G-358 Project in Palm Beach County, providing an effective date.

Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED** this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT
DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

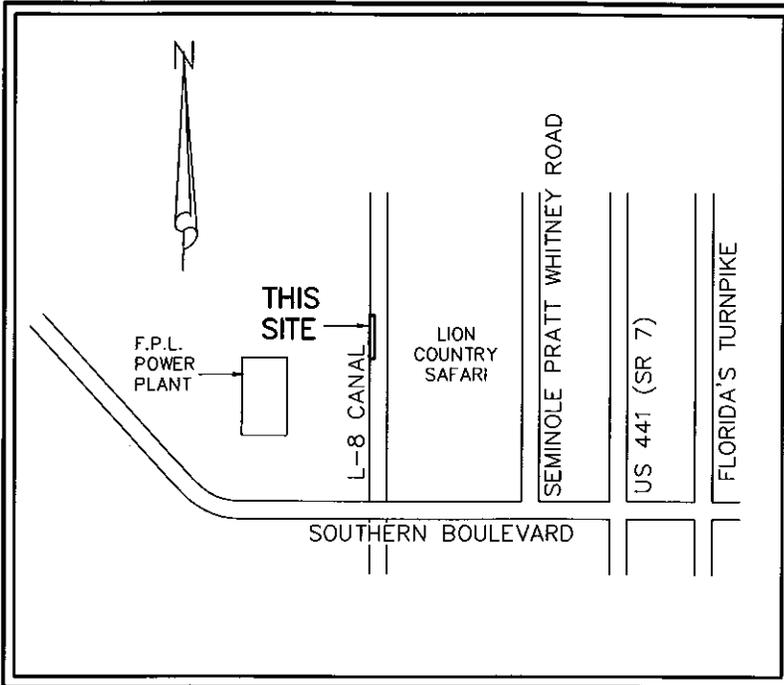
Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

SKETCH & DESCRIPTION



LOCATION MAP
NOT TO SCALE

9/16/14
David A. Bower

DAVID A. BOWER
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA
CERTIFICATE NO. LS 5888

SURVEY NOTES:

1. BEARINGS DEPICTED HEREON ARE RELATIVE TO THE SOUTH LINE OF THE NORTHEAST ONE QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 43 SOUTH, RANGE 40 EAST. SAID LINE HAVING A GRID BEARING OF NORTH 88°36'35" WEST.
2. THIS INSTRUMENT NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
3. THE UNDERSIGNED MAKES NO REPRESENTATIONS OR GUARANTEES AS TO THE INFORMATION REFLECTED HEREON PERTAINING TO EASEMENTS, RIGHTS OF WAY, SETBACK LINES, AGREEMENTS AND OTHER MATTERS, AND FURTHER, THIS INSTRUMENT IS NOT INTENDED TO REFLECT OR SET FORTH ALL SUCH MATTERS. SUCH INFORMATION SHOULD BE OBTAINED AND CONFIRMED BY OTHERS THROUGH APPROPRIATE TITLE VERIFICATION. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY AND/OR EASEMENTS OF RECORD.
4. THE LICENSED BUSINESS NUMBER FOR DENNIS J. LEAVY & ASSOCIATES INC. IS LB #6599, THE CERTIFYING SURVEYORS LICENSE NUMBER IS LS #5888.
5. THIS IS NOT A SURVEY.

36" RECLAIMED WATER MAIN AT THE L-8 CANAL

1	09/16/14	REVISED PER REVIEW COMMENTS	DAB
NO.	DATE	REVISIONS	BY

Dennis J. Leavy & Associates, Inc.
Land Surveyors * Mappers
460 Business Park Way * Suite B
Royal Palm Beach, Florida 33411
Phone: 561 753-0650 Fax: 561 753-0290

SKETCH & DESCRIPTION
For: Palm Beach County Water Utilities Department

DRAWN: DAB	SCALE: N/A	DATE: 09/08/14
CHK: RRM	JOB# 12-102-003	SHEET: 1 OF 4

DESCRIPTION:

A 10.00 foot wide strip of land lying within a portion of the Northeast one-quarter (NE 1/4) and a portion of the Southeast one-quarter (SE 1/4) of Section 29, Township 43 South, Range 40 East, Palm Beach County, Florida. Being more particularly described as follows:

COMMENCING at the Southeast corner of the Northeast one-quarter (NE 1/4) of Section 29, Township 43 South, Range 40 East; thence North 88°36'35" West (as a basis of bearings) along the South line of the Northeast one-quarter (NE 1/4) of said Section 29, a distance of 520.08 feet to a point being on a line lying 10.00 feet East of and parallel with (as measured at right angles) the West right-of-way line of the L-8 Canal as recorded in Deed Book 910, Page 364 of the Public Records of Palm Beach County, Florida and the POINT OF BEGINNING; thence South 00°57'24" West along said parallel line, a distance of 87.98 feet; thence North 89° 02' 36" West, a distance of 10.00 feet to a point being on the West right-of-way line of said L-8 Canal; thence North 00°57'24" East along said West right-of-way line, a distance of 88.06 feet to a point being on the South line of the Northeast one-quarter (NE 1/4) of said Section 29; thence continue North 00°57'24" East along said West right-of-way line, a distance of 749.68 feet; thence South 89°02'36" East departing said West right-of-way line, a distance of 10.00 feet to a point being on a line lying 10.00 feet East of and parallel with (as measured at right angles) said West right-of-way line of the L-8 Canal; thence South 00°57'24" West along said parallel line, a distance of 749.76 feet to the POINT OF BEGINNING.

Containing 8,377.40 square feet more or less.

LEGEND:

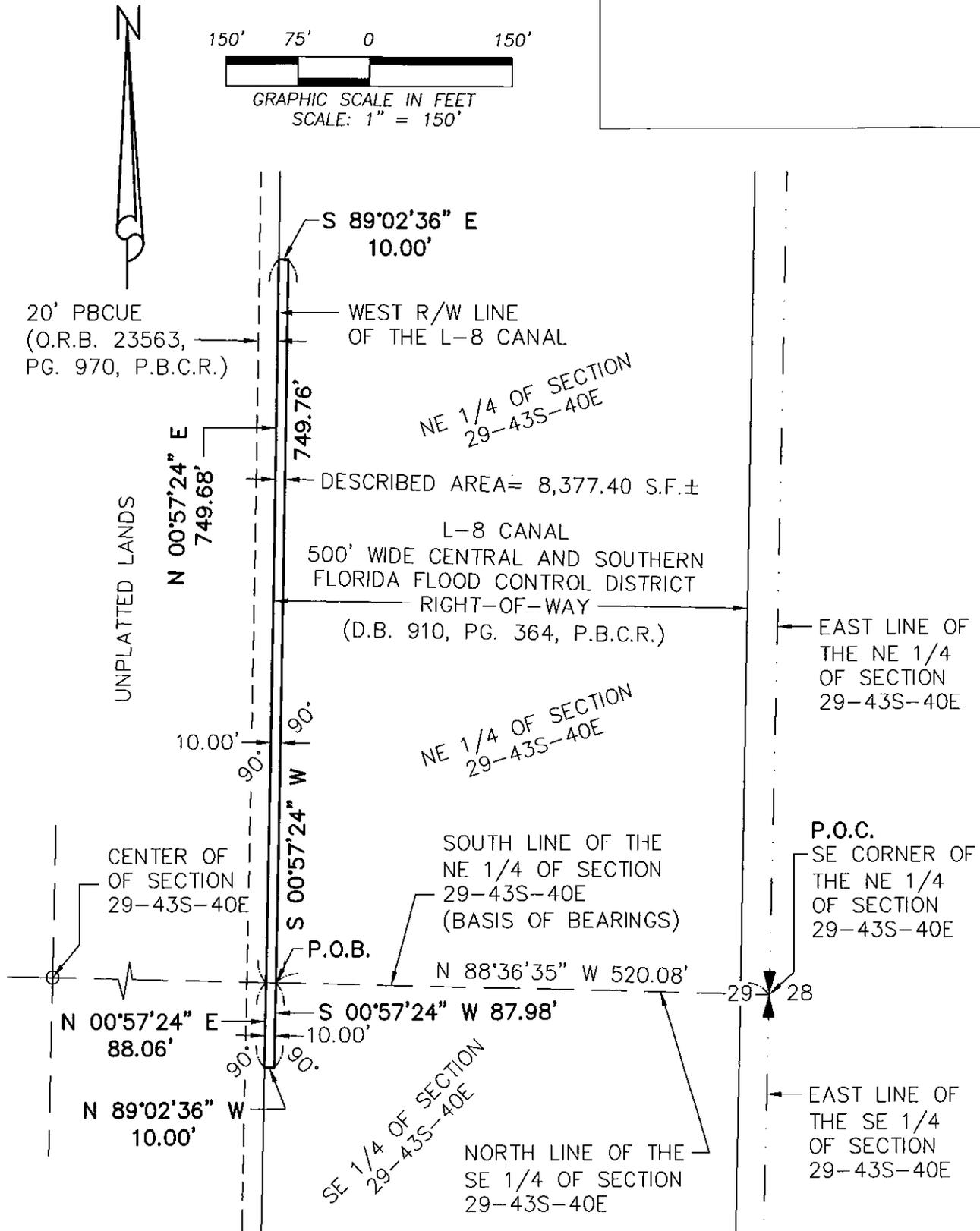
- | | | | |
|----------|---|--------|-------------------------|
| D.B. | = DEED BOOK | PG. | = PAGE |
| FND. | = FOUND | P.O.B. | = POINT OF BEGINNING |
| NTS | = NOT TO SCALE | P.O.C. | = POINT OF COMMENCEMENT |
| O.R.B. | = OFFICIAL RECORDS BOOK | R/W | = RIGHT-OF-WAY |
| P.B. | = PLAT BOOK | ± | = PLUS OR MINUS |
| P.B.C.R. | = PALM BEACH COUNTY RECORDS | | |
| PBCUE | = PALM BEACH COUNTY
UTILITY EASEMENT | | |

Dennis J. Leavy & Associates, Inc.
Land Surveyors * Mappers

460 Business Park Way * Suite B
Royal Palm Beach, Florida 33411
Phone: 561 753-0650 Fax: 561 753-0290

SKETCH & DESCRIPTION
For: Palm Beach County Water Utilities Department

DRAWN: DAB	SCALE: N/A	DATE: 09/08/14
CHK: RRM	JOB# 12-102-003	SHEET: 2 OF 4

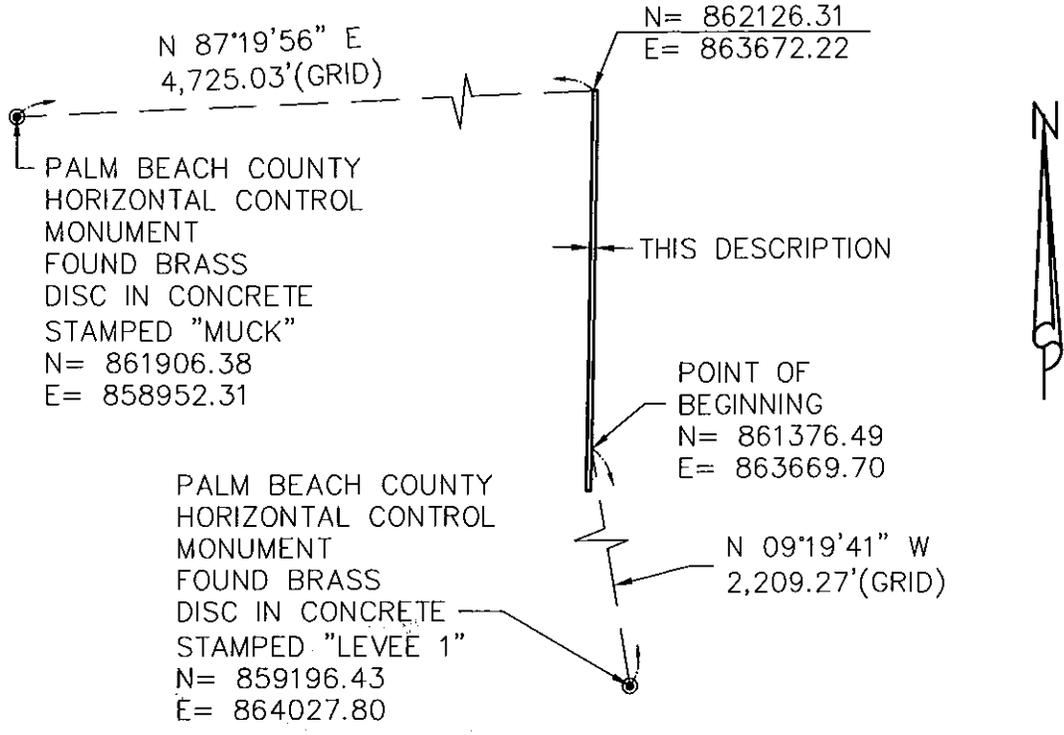


Dennis J. Leavy & Associates, Inc.
Land Surveyors * Mappers
460 Business Park Way * Suite B
Royal Palm Beach, Florida 33411
Phone: 561 753-0650 Fax: 561 753-0290

SKETCH & DESCRIPTION
For: Palm Beach County Water Utilities Department

DRAWN: DAB	SCALE: 1"=150'	DATE: 09/08/14
CHK: RRM	JOB# 12-102-003	SHEET: 3 OF 4

Attachment: ca_om_209_Exhibit A_Hall_L-8 Easement (Resolution No. 2014 - 1001 : Utility Easement between SFWMD and PBC/L-8 Res Pump



COORDINATES SHOWN ARE GRID
 DATUM = NAD 83, 1990 ADJUSTMENT
 ZONE = FLORIDA EAST
 LINEAR UNITS = US SURVEY FOOT
 COORDINATE SYSTEM 1983 STATE PLANE TRANSVERSE MERCATOR PROJECTION
 ALL DISTANCES ARE GROUND (EXCEPT AS NOTED)
 PROJECT SCALE FACTOR = 0.9999895
 GROUND DISTANCE X SCALE FACTOR = GRID DISTANCE

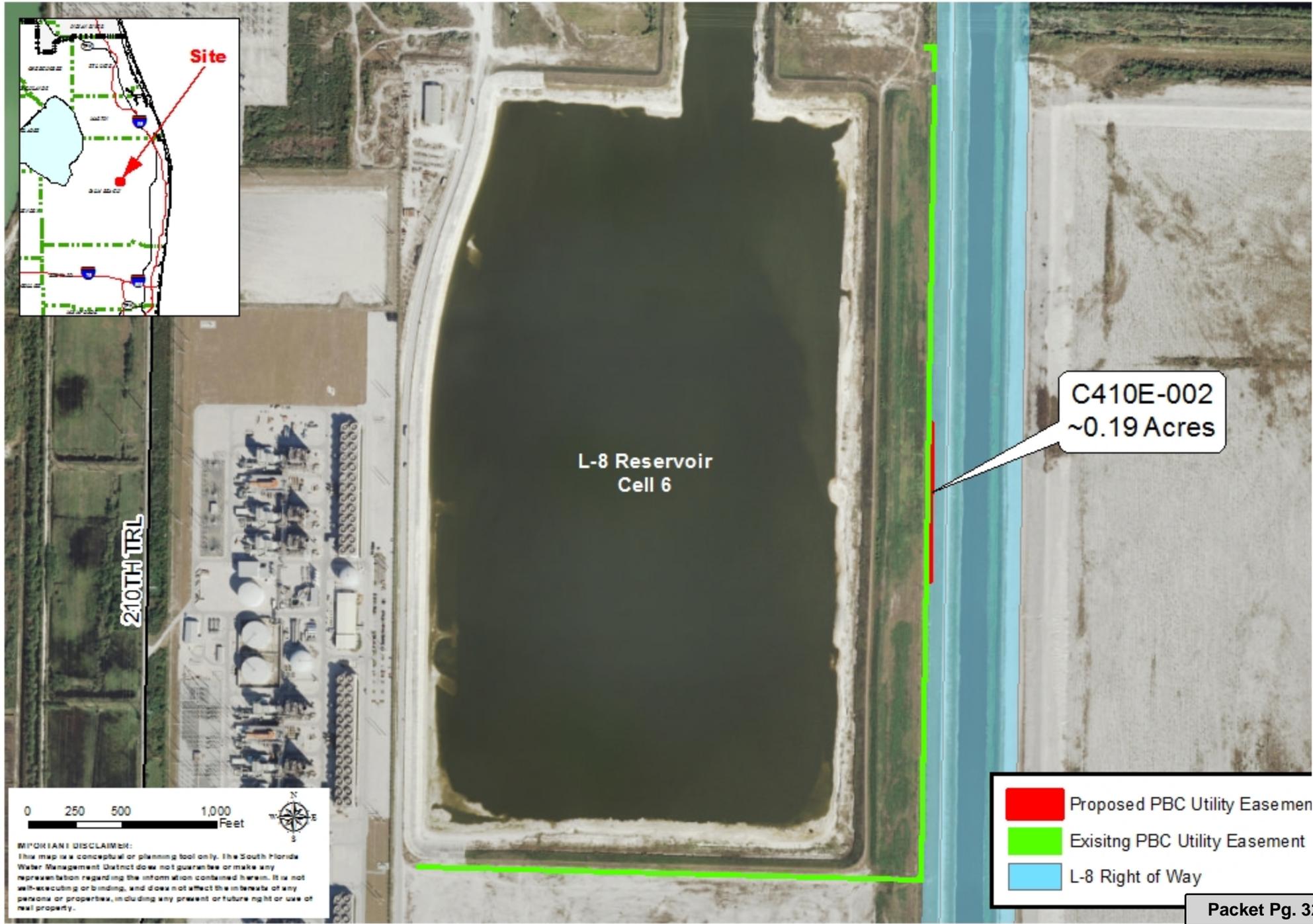
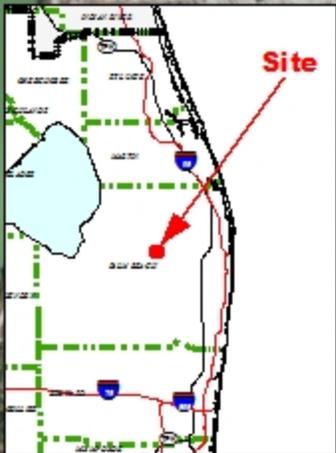
$\frac{N88^{\circ}36'35''W \text{ (ASSUMED)}}{N88^{\circ}36'35''W \text{ (GRID)}} = 00^{\circ}00'00''$
 = BEARING ROTATION
 SOUTH LINE OF THE
 NORTHEAST 1/4 OF
 SECTION 29-43S-40E
 (BASIS OF BEARINGS)

Dennis J. Leavy & Associates, Inc.
 Land Surveyors * Mappers
 460 Business Park Way * Suite B
 Royal Palm Beach, Florida 33411
 Phone: 561 753-0650 Fax: 561 753-0290

SKETCH & DESCRIPTION
 For: Palm Beach County Water Utilities Department

DRAWN: DAB	SCALE: NTS	DATE: 09/08/14
CHK: RRM	JOB# 12-102-003	SHEET: 4 OF 4

L-8 Reservoir Pump Station and Inflow Structure G-538



L-8 Reservoir
Cell 6

C410E-002
~0.19 Acres

- Proposed PBC Utility Easement
- Existing PBC Utility Easement
- L-8 Right of Way

0 250 500 1,000 Feet

IMPORTANT DISCLAIMER:
 This map is a conceptual or planning tool only. The South Florida Water Management District does not guarantee or make any representation regarding the information contained herein. It is not self-executing or binding, and does not affect the interests of any persons or properties, including any present or future right or use of real property.

TABLE OF CONTENTS

RIGHT OF WAY OCCUPANCY CONSENT AGENDA FOR GOVERNING BOARD APPROVAL October 9, 2014

		PAGES
I	RIGHT OF WAY OCCUPANCY PERMIT MODIFICATIONS: Governing Board action is required for routine requests which involve a change, addition or deletion to a use of the right of way which was previously permitted. Items are placed on this Consent Agenda when the staff's recommendation is for approval.	2
II	RIGHT OF WAY OCCUPANCY PERMIT REQUESTS WITH WAIVER OF DISTRICT CRITERIA: Governing Board action is required on petitions received requesting a waiver of District criteria. Section 120.542, F.S. and Rule 28-104.002, F.A.C., requires agencies to grant variances and waivers to their own rules when a person subject to the rules files a petition and demonstrates that he or she can achieve, or has achieved, the purpose of the underlying statute by other means and when application of rule would create a substantial hardship or would violate principles of fairness. A "substantial hardship" is defined as a demonstrated economic, technological, legal or other type of hardship to the person requesting the waiver. "Principles of fairness" are violated when the literal application of a rule affects a particular person in a manner significantly different from the way it affects other similarly situated persons who are subject to the rule. A "waiver" is defined as an agency decision not to apply all or part of a rule to the person subject to the rule.	3-4
III	RELAXATION OF STANDARDS AS ALLOWED UNDER DISTRICT RULE 40E-6.011(9) F.A.C.: Governing Board reserves sole authority to make a determination that portions of the District's rights of way are inaccessible for routine maintenance activities due to a variety of physical limitations. While a determination that a certain segment of right of way is presently unusable for routine land-based maintenance activities and relaxation of the restrictions in Zones 2, 3, 4 and 5 may be allowed, such determination shall be at the sole discretion of the District and does not obviate the need for individuals with proposed or existing facilities within these areas to obtain permits from the District. Further the District reserves the right to enter these areas to conduct emergency operations or to require the removal of any encroachments that are inconsistent with these rules at such time as maintenance access is perfected through the area.	5
IV	RIGHT OF WAY OCCUPANCY PERMIT REQUESTS FOR DENIAL: Governing Board action is required for routine requests for permits which do not conform to applicable rules and criteria of Works and Lands of the District. Items are placed on this Consent Agenda when the staff's recommendation is for denial.	6-7

RIGHT OF WAY OCCUPANCY PERMIT MODIFICATIONS

1. PALM BEACH COUNTY
COUNTY: PALM BEACH

Permit No.: 13443
Appl No.: 14-0311-4M
Fee & Easement

AUTHORIZING:
LINEAR PARK (BLUEGILL II PATHWAY) CONSISTING OF A 12' WIDE ASPHALT SHARED USE PATH WITHIN THE EAST RIGHT OF WAY OF THE C-18 BEGINNING AT SR 710 (BEELINE HWY) AND ENDING AT PGA BLVD. FOR A TOTAL DISTANCE OF 2 MILES.

Attachment: ca_om_reg_101_sd (III) (2119 : Right of Way Regulatory Consent Agenda)

RIGHT OF WAY OCCUPANCY PERMIT REQUEST WITH WAIVER OF DISTRICT CRITERIA

Consideration of a request by **Palm Beach County Water Utilities** (County) (Application Number 14-0919-1) for issuance of a Right of Way Occupancy Permit and waiver of the District's criteria for the relocation of a portion of the 36-inch reclaimed water main lying west of the L-8 canal, located approximately 3,200 feet north of State Road 80. Location: Palm Beach County, Section 29, Township 43 South, Range 40 East.

The County's request for a waiver of Rule 40E-6.381(4), F.A.C., a Limiting Condition which requires a permittee to assume all costs incurred in the event that the District should require relocation of the service line in the future, is based upon "substantial hardship" and "principles of fairness".

The County's 36-inch reclaimed water main provides the sole source of cooling water to FPL's West County Energy Center (electric power plant). The reclaimed water main currently lies within an easement on District-owned lands that was granted to the County in 2009. The easement lies immediately west of and is adjacent to the District's L-8 right of way. Under the County's agreement with FPL, reclaimed water must be provided without interruption to the power plant for cooling purposes. Any interruption of the flow of reclaimed water through the subject reclaimed water main may require shut down of the power plant, which would result in serious adverse impacts to public health, safety and welfare. In addition, any such interruption would likely place the County in breach of its contractual obligations to FPL.

Current construction by the District of an inflow channel from the L-8 canal to the L-8 reservoir requires that a portion of the reclaimed water main be relocated. Both District and County staff agreed that the relocated reclaimed water main should be attached to the District's access road bridge constructed as part of the inflow channel project. However, because the bridge is located just outside of the County's existing easement, a new easement is required (and for which Governing Board approval is sought concurrently with this waiver request). The proposed easement is 10 feet wide and approximately 750 feet long. In practical effect, the new easement simply widens the existing easement from 20 to 30 feet for a distance of 750 feet.

Pursuant to Section 120.542, F.S., the Governing Board may grant a waiver to a rule when a petitioner can demonstrate that application of a rule would create a substantial hardship or would violate principles of fairness. In this case, the County asserts that imposition of the rule would impose an economic hardship that does not exist presently. The County agreed to relocate a portion of the reclaimed water main to accommodate construction of the District's inflow channel. In doing so, the County seeks to be in the same economic position it currently enjoys with the reclaimed water main located in the existing easement; that being that the County is not subject to the rule which requires a permittee to assume all costs incurred in the event that the District should require relocation of the reclaimed water main in the future. The County asserts that the waiver, if granted, will ensure that the County's economic position remains unchanged as a result of accommodating the District's relocation request.

The District's Operations, Maintenance & Construction Division has reviewed the project and determined that the existing and proposed improvements will not significantly interfere with the District's current ability to perform necessary construction, alteration, operation and routine maintenance activities, so the purpose of the underlying statute will be achieved.

The petition has been reviewed by the Office of Counsel for compliance with the applicable legal requirements. Pursuant to Section 120.542(6), F.S., notice of the petition was provided to the Department of State and was published in *Volume 40, Number 185* of the *Florida Administrative Weekly* on September 23, 2014. No public comments were received.

Therefore, staff recommends **approval** of the issuance of Right of Way Occupancy Permit Number 14352 and approval of the petition for waiver of Rule 40E-6.381(4), F.A.C., and Limiting Conditions which requires a permittee to assume all costs incurred in the event that the District should require relocation of the reclaimed water main in the future.

RELAXATION OF STANDARDS AS ALLOWED UNDER DISTRICT RULE 40E-6.011(9) F.A.C.:

It is the recommendation of the staff of Operations, Maintenance and Construction Division that the Governing Board waive, for future Right of Way Occupancy Permit Applications, the requirement contained in District Rules which specifies that an unencumbered 40 foot wide strip of right of way, as measured from the top of bank landward, is needed for the District to perform its routine operations and maintenance activities. The District's rights of way vary in width and the 40 foot requirement is not applicable in all areas. The area under consideration in this proposed relaxation is located along the south right of way of C-13 adjacent to three (3) residential lots immediately west of the N.E. 6th Avenue bridge, Broward County. Due to the lack of access, no staging area is required within the subject area immediately west of the bridge.

Staff's recommendation is based on the fact that this reach of the District's C-13 Canal has less than 20 feet of overbank right of way, is located downstream of a coastal structure (S-36) and is inaccessible by the Fort Lauderdale Field Station for routine land-based maintenance activities.

District Rule 40E-6.011(9), F.A.C. (Policy and Purpose) states that "the District reserves sole authority to make a determination that portions of the District's rights of way are inaccessible for routine maintenance activities due to a variety of physical limitations. While a determination that a certain segment of right of way is presently unusable for routine land-based maintenance activities such determination shall be at the sole discretion of the District and does not obviate the need for individuals with proposed or existing facilities within these areas to obtain permits from the District. Further, the District reserves the right to enter these areas to conduct emergency operations or to require the removal of any encroachments that are inconsistent with these rules at such time as maintenance access is perfected through the area."

The District has no access within the proposed relaxation area. Applications for encroachments within this area when submitted shall be processed on an individual basis.

Further, the establishment of areas covered by Rule 40E-6.011(9), F.A.C., shall be applied to all future applicants in the geographical area specified above.
(Fee)

RIGHT OF WAY OCCUPANCY PERMIT REQUEST FOR DENIAL

Consideration of a request by Jeanette Peeples Trustee, John A. & Kim C. Collier, and Byron S. & Janet P. Storey (Application Number 14-0311-2) for transfer of Right of Way Occupancy Permit No. 1695 from J.O. Pearce, Jr. and J.F. Pearce to Jeanette Peeples Trustee, John A. & Kim C. Collier, and Byron S. & Janet P. Storey (“Applicant”). Permit No. 1695 authorizes a 60” X 78’ CMP culvert with screw gate (“bypass structure”) connecting C-40 to L-59, located approximately 500 feet north of S-72. Location: Glades County, Section 10, Township 39 South, Range 33 East.

Staff recommends **denial** of the request for transfer of the permit because the request conflicts with District’s criteria for the following reasons:

Rule 40E-6.221. Conditions for Issuance of Permits

1. The applicant does not own the land lying adjacent to the District’s canal and therefore is not in compliance with District Rule 40E-6.221(9), Florida Administrative Code (F.A.C.), which states: “Except for utilities, both essential and non-essential, an applicant must own or lease the land adjacent to or served by the portion of the works or lands of the District involved.” The Applicant does not own the land adjacent to the “bypass structure”.
2. The proposed transfer would violate a 1989 Landowner Agreement (“LOA”) to which the District is a party to but the Applicant is not. District Rule 40E-6.221(3) (i), F.A.C., states: “In determining whether a permit should be issued, the District shall consider whether the activity unduly burdens the District’s interests. In making this decision, the District shall weigh the following critical factors: (i) presents an increased liability risk to the District”. Violation of the subject LOA could expose the District to a legal challenge by the Seminole Tribe of Florida (“Tribe”), who is also a party to the LOA. In the April 9, 2014 letter from the District to applicant, the District advised the applicant of the LOA and Rule 40E-6.221(3) (i), F.A.C. The letter further advised the applicant that transferring or adding the Applicant to Permit No. 1695 needs to be consistent with the LOA, which encumbers the District’s interest in the subject property and addresses operation of the “bypass structure”. In an April 24, 2014 letter, the applicant confirmed to the District that it is unwilling to sign or participate in the LOA.
3. District Rule 40E-6.221(8), F.A.C., states “In those instances where the District does not own the underlying fee simple title, it shall be the responsibility of the applicants to obtain approval from the owner of the underlying fee. The District does not, however, assume any duty to protect the legal rights of the underlying fee owner.” The District received written objections from the Seminole Tribe of Florida (“Tribe”) in a letter dated June 23, 2014. The Tribe objects to the use of portions of L-59 located on the Brighton Reservation should the Applicant intend to use L-59 for access to the “bypass structure”. The Applicant is located approximately 8 miles from the bypass structure and has indicated (in their transfer application) it intends to access said structure via the L-59 right of way.
4. District Rule 40E-6.221(6), F.A.C., states: “The District shall also consider the cumulative impact of allowing the proposed use. Based on the cumulative impact of allowing similar uses in the affected area, the District shall deny uses which appear insignificant with regard to the above criteria if the cumulative impact is significant”. Transfer of Permit 1695 to a non-adjacent landowner could set precedent adversely impacting the District’s right of way program and policy.

Rule 40E-6.011. Policy and Purpose

5. District Rule 40E-6.011(2), F.A.C., states: “Due to the critical importance of works and lands of the District in providing flood protection and other benefits, it is considered essential that the District retain complete dominion and control over the use of such works, including those subject to right of way occupancy permits...The District retains complete discretion as to the manner, if any, in which works or lands of the District shall be utilized, and nothing in these rules is intended to limit that discretion”.

Therefore, based upon the above cited rules and objections received from the Tribe, staff recommends **denial** of the Applicant’s Request for Transfer of Right of Way Occupancy Permit No. 1695.

MEMORANDUM

TO: Governing Board Members
FROM: Karen Estock, Division Director
DATE: October 09, 2014
SUBJECT: Release of Reservations

Summary:

The District has jurisdiction over certain reserved rights to construct canal right of ways, and mineral rights, together with the right of ingress, egress and exploration. Applications requesting releases of these reservations are routinely received from landowners, attorneys, title companies and lending institutions, who consider the reservations to be title defects. Applications are reviewed by appropriate District staff and applicable local governmental agencies to determine that there is no present or future need for the reservations.

Staff Recommendation:

Staff recommends approval of the following:

- Release of Trustees canal reservations for Horizon 880, LLC, a Michigan limited liability company, (File No. 7-14-3) for 31.60 acres in Palm Beach County
- Release of Trustees canal reservations and District mineral reservations for Miami Dade RE Investments, LLC, a Delaware limited liability company, (File Nos. 9-14-1 and 18604) for 1.90 acres in Miami-Dade County
- Release of District canal reservations for Sam's East, Inc., (File No. 18560) for 27.39 acres in Miami-Dade County

Additional Background:

See Memorandum Exhibit "A" and maps attached hereto and made a part hereof, which contain the details and locations of the releases to be approved and issued.

Core Mission and Strategic Priorities:

Pursuant to Section 373.096 of the Florida Statutes, the Governing Board of the District may release any reservation for which it has no present or apparent use under terms and conditions determined by the Board.

Funding Source:

None; reservations were acquired at no cost to the District.

Staff Contact and/or Presenter:

Kathy Massey, kmassey@sfwmd.gov <<mailto:kmassey@sfwmd.gov>>, ext. 6835

MEMORANDUM - EXHIBIT "A"

File No.: 7-14-3
 Applicant: Horizon 880, LLC, a Michigan limited liability company
 Reserving Deed: TIITF 17017 (DB 155-24, 12/12/1921)
 Fee Paid: \$250.00
 Action: Approve release of Trustees canal reservations
 Acres: 31.60 acres, more or less
 Legal Description: Portion of Tracts 5 through 8, inclusive, SUBDIVISION OF LOT 1 HIATUS BETWEEN TOWNSHIPS 43 AND 44 SOUTH, RANGE 38 EAST, PB 8-84, LESS L-13 right of way
 Location: North of L-13 and County Road 880, 2.50 miles West of STA-1 W, Belle Glade, Palm Beach County
 Reviewed by: Water Supply Development Section, Right of Way Section, Environmental Resource Permitting Bureau, Survey Section, Office of Everglades Policy and Coordination, and Highland Glades Water Control District

File Nos.: 9-14-1 and 18604
 Applicant: Miami Dade RE Investments, LLC, a Delaware limited liability company
 Reserving Deeds: TIITF 16198 (DB 46-240, 12/24/1908) and E-7028 (DB 2404-295, 7/17/1944)
 Fee Paid: \$500.00
 Action: Approve release of Trustees canal reservations and District mineral reservations
 Acres: 1.90 acres, more or less
 Legal Description: Portion of Tract 62, FLORIDA FRUIT LAND COMPANY'S SUBDIVISION NO. 1 of Section 13, Township 52 South, Range 39 East, PB 2-17
 Location: East of N.W. 122nd Avenue and South of N.W. 160th Street, Miami, Miami-Dade County
 Reviewed by: Miami-Dade County; no internal routing due to size and land use

File No.: 18560
 Applicant: Sam's East, Inc., an Arkansas corporation
 Reserving Deed: E-944 (DB 35-151, 6/21/1924)
 Fee Paid: \$250.00
 Action: Approve release of District canal reservations
 Acres: 27.39 acres, more or less
 Legal Description: Tract A, WALMART AT MIRAMAR, PB 143-16
 Location: 1800 South University Drive, Miramar, Broward County
 Reviewed by: Water Supply Development Section, Right of Way Section, Environmental Resource Permitting Bureau, Survey Section, Office of Everglades Policy and Coordination, and South Broward Drainage District

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1002

A Resolution of the Governing Board of the South Florida Water Management District approving release of canal and mineral reservations; providing an effective date. (OMC, Kathy Massey, ext. 6835)

WHEREAS, certain underlying landowners have requested that the South Florida Water Management District (District) release certain canal and mineral reservations;

WHEREAS, the District is empowered to grant such releases pursuant to Section 373.096, Florida Statutes;

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby approves the release of canal and mineral reservations, as described in Resolution Exhibit "A", attached hereto and made a part hereof.

Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:

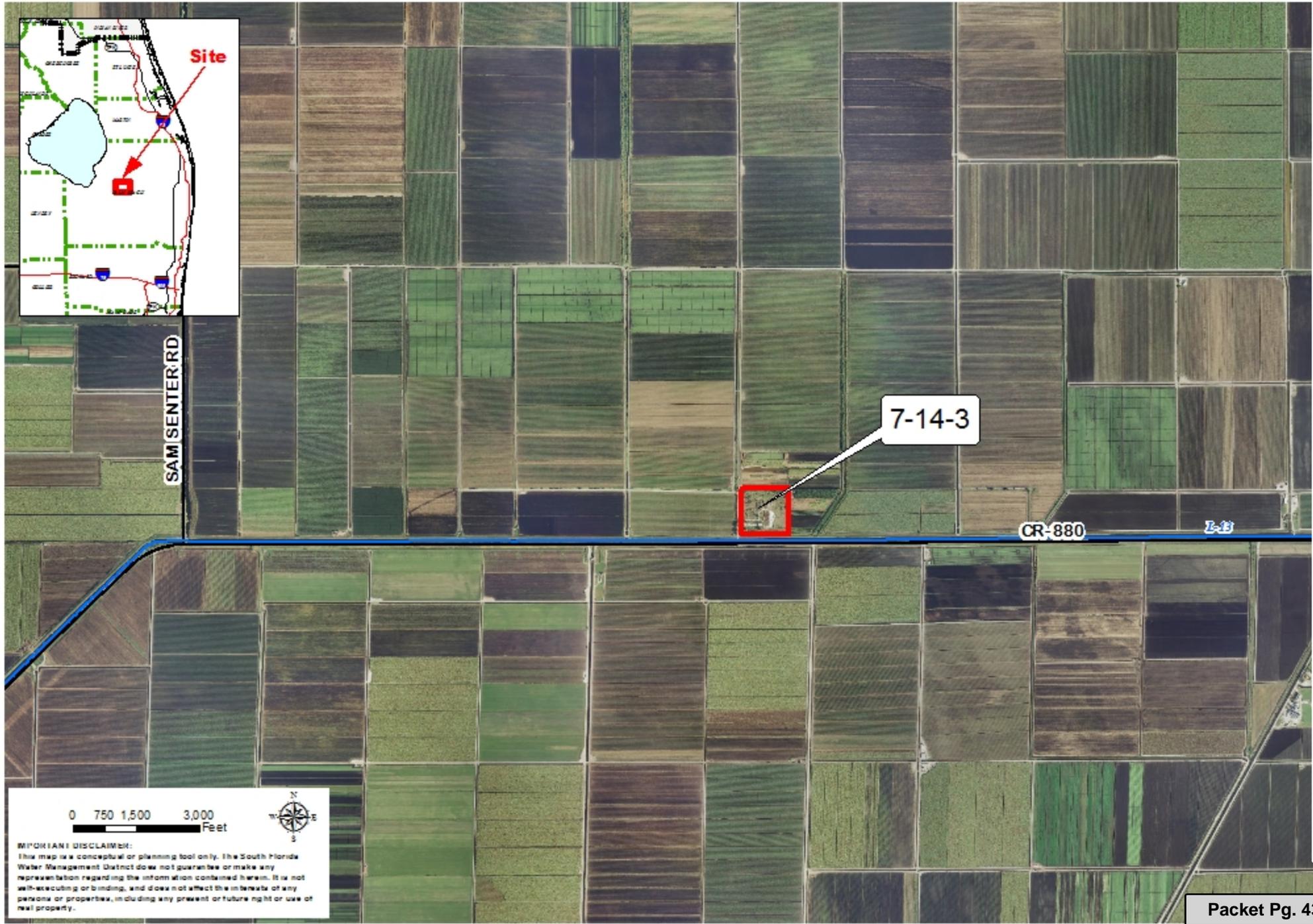
By:

District Clerk/Secretary

Office of Counsel

Print name:

Release of Reservation Palm Beach County



7-14-3

SAM SENTER RD

CR-880

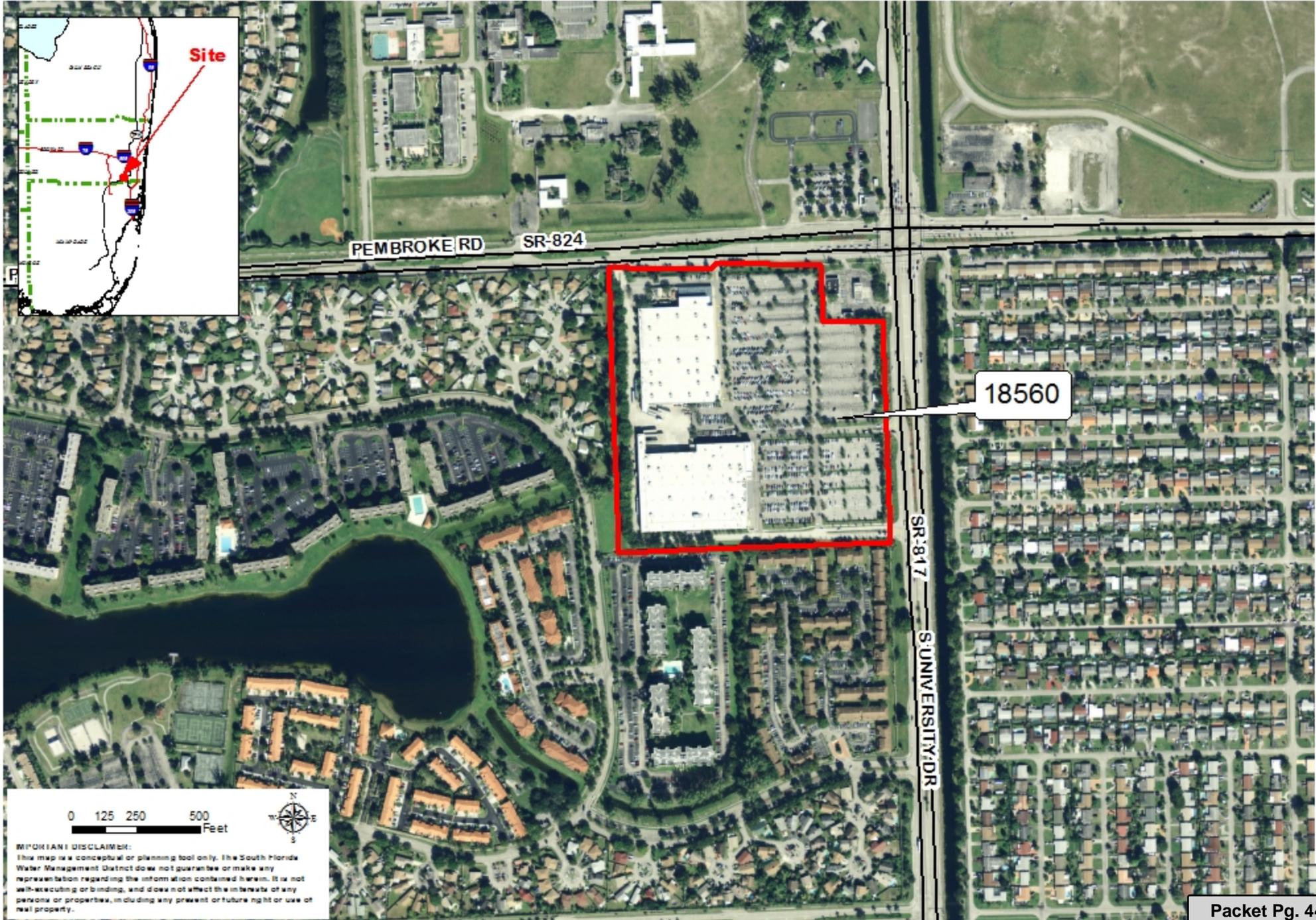
E-3

0 750 1,500 3,000
Feet



IMPORTANT DISCLAIMER:
This map is a conceptual or planning tool only. The South Florida Water Management District does not guarantee or make any representation regarding the information contained herein. It is not self-executing or binding, and does not affect the interests of any persons or properties, including any present or future right or use of real property.

Release of Reservation Broward County



Attachment: ca_om_200_Massey_Releases_GB_Oct14_18560_smf (Resolution No. 2014 - 1002 : Release

Release of Reservation Miami-Dade County



RESOLUTION - EXHIBIT "A"

RELEASE OF TRUSTEES CANAL RESERVATIONS:

File No.: 7-14-3
 Applicant: Horizon 880, LLC, a Michigan limited liability company
 Reserving Deed: TIITF 17017 (DB 155-24, 12/12/1921)
 Acres: 31.60 acres, more or less
 Legal Description: Portion of Tracts 5 through 8, inclusive, SUBDIVISION OF LOT 1, HIATUS BETWEEN TOWNSHIPS 43 AND 44 SOUTH, RANGE 38 EAST, PB 8-84, LESS L-13 right of way
 Location: North of L-13 and County Road 880, 2.50 miles West of STA-1 W, Belle Glade, Palm Beach County

File No.: 9-14-1
 Applicant: Miami Dade RE Investments, LLC, a Delaware limited liability company
 Reserving Deed: TIITF 16198 (DB 46-240, 12/24/1908)
 Acres: 1.90 acres, more or less
 Legal Description: Portion of Tract 62, FLORIDA FRUIT LAND COMPANY'S SUBDIVISION NO. 1 of Section 13, Township 52 South, Range 39 East, PB 2-17
 Location: East of N.W. 122nd Avenue and South of N.W. 160th Street, Miami, Miami-Dade County

RELEASE OF DISTRICT CANAL RESERVATIONS:

File No.: 18560
 Applicant: Sam's East, Inc., an Arkansas corporation
 Reserving Deed: E-944 (DB 35-151, 6/21/1924)
 Acres: 27.39 acres, more or less
 Legal Description: Tract A, WALMART AT MIRAMAR, PB 143-16
 Location: 1800 South University Drive, Miramar, Broward County

RELEASE OF DISTRICT MINERAL RESERVATIONS:

File No.: 18604
 Applicant: Miami Dade RE Investments, LLC, a Delaware limited liability company
 Reserving Deed: E-1078 (DB 2404-295, 7/17/1944)
 Acres: 1.90 acres, more or less
 Legal Description: Portion of Tract 62, FLORIDA FRUIT LAND COMPANY'S SUBDIVISION NO. 1 of Section 13, Township 52 South, Range 39 East, PB 2-17
 Location: East of N.W. 122nd Avenue and South of N.W. 160th Street, Miami, Miami-Dade County

M E M O R A N D U M

TO: Governing Board Members

FROM: Karen Estock, Division Director

DATE: October 09, 2014

SUBJECT: Exchange of Access Easements

Summary:

The applicant has requested that the District relocate its current access easement to accommodate the completion of their improvements in exchange for a relocated access easement. The easement to be released contains 4.20+/- acres and the new easement will contain 2.26+/- acres. This request has been reviewed by District staff and it has been determined that the new access easement will be more convenient access to the C-23 right of way.

The release will be subject to certain terms, conditions and requirements, which must be satisfied no later than December 31, 2015, to the satisfaction of the District in its sole and absolute discretion prior to the release being granted to the Applicant.

Staff Recommendation:

Staff recommends approval of the following:

Approve the release of an access easement containing 4.20 acres, more or less, in exchange for a new access easement containing 2.26 acres, more or less, C-23 project, located in Section 36, Township 37 South, Range 40 East, St. Lucie County, and Section 1, Township 38 South, Range 40 East, Martin County, subject to satisfaction of certain terms, conditions and requirements; providing an effective date.

Additional Background:

The applicant has paid the \$1,000.00 non-refundable application fee. The relocation of the access easement has been determined to be an even exchange; no appraisal will be completed and no fee paid for the relocation. In no event shall the District be required to pay any compensation to the applicant or any fees of any type in this transaction.

Core Mission and Strategic Priorities:

The Governing Board, pursuant to Section 373.089 of the Florida Statutes, may exchange lands or interests in land under terms and conditions determined by the Governing Board, and pursuant to Section 373.096 of the Florida Statutes may release any easement for which the District has no present or apparent future use under terms and conditions determined by the Governing Board.

Funding Source:

None; the easement being released was acquired at no cost to the District.

Staff Contact and/or Presenter

Kathy Massey, kmassey@sfwmd.gov <<mailto:kmassey@sfwmd.gov>>, ext. 6835

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1003

A Resolution of the Governing Board of the South Florida Water Management District to approve the release of an access easement containing 4.20 acres, more or less, in exchange for a new access easement containing 2.26 acres, more or less, C-23 Project, located in Section 36, Township 37 South, Range 40 East, St. Lucie County, and Section 1, Township 38 South, Range 40 East, Martin County, subject to satisfaction of certain terms, conditions and requirements; providing an effective date.

WHEREAS, the Applicant, Floridian Golf Resort, LLC, has requested the District release the existing access easement to C-23 in exchange for a relocated access easement. The easement to be released contains 4.2+/- acres and the new easement contains 2.26+/- acres. The easements are located in Section 36, Township 37 South, Range 40 East, St. Lucie County, and Section 1, Township 38 South, Range 40 East, Martin County; and

WHEREAS, upon the satisfaction of certain terms, conditions and requirements, the Governing Board has determined that the access easement to be released is not required by the District for present or apparent future use; and

WHEREAS, it has been determined by District staff that the new easement will provide better and more convenient access to the C-23 right of way; and

WHEREAS, the applicants have paid a \$1,000.00 non-refundable application fee, and shall pay all fees and costs associated with this transaction, including but not limited to the obtaining of all necessary permits; and

WHEREAS, the Governing Board, pursuant to Section 373.089 of the Florida Statutes, may exchange lands or interests in land under terms and conditions determined by the Governing Board, and pursuant to Section 373.096 of the Florida Statutes may release any easement for which the District has no present or apparent future use under terms and conditions determined by the Governing Board.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1: The Governing Board of the South Florida Water Management District has determined that the District has no present or apparent future use for the existing access easement and hereby approves the release of said access easement containing 4.20+/- acres, in exchange for a new relocated access easement to be granted by the applicants containing 2.26+/- acres, located in Section 36, Township 37 South, Range 40 East, St. Lucie

County, and Section 1, Township 38 South, Range 40 East, Martin County, C-23 project, provided the following terms, conditions, and requirements are satisfied to the satisfaction of the District, in its sole and absolute discretion:

- a. The Applicant shall convey to the District a perpetual access easement containing 2.26+/- acres in form, content and substance acceptable to the District, free and clear of all encumbrances, liens, and other objectionable matters.
- b. The Applicant shall provide to the District title assurance confirming that the new access easement is free and clear of all encumbrances, liens and other objectionable matters.
- c. Applicant must provide a legal description and sketch for each instrument, subject to District review and approval.
- d. All costs associated with this transactions shall be paid for by the Applicant, including but not limited to all recording costs, and under no circumstances shall the District be obligated to pay any amount to the Applicant or otherwise in connection with this transaction.
- e. The applicant shall obtain all necessary permits from the District, Martin County, and any other governmental entities, if any, and pay all associated fees. There is no representation, guaranty or assurance made by the District that the District's Governing Board will in fact approve the issuance of any required District permits, and there is no obligation on the part of the District's Governing Board to approve the issuance of any required District permits. The District's review process for any required permits will be done separate, independent and unfettered of the fact that the District has approved this Resolution and shall be in accordance with the District's applicable rules.
- f. All of the foregoing terms, conditions, and requirements set forth in subparagraphs (a.) through (e.), inclusive, must be satisfied to the satisfaction of the District in its sole and absolute discretion no later than December 31, 2015.

Section 2: The Governing Board of the South Florida Water Management District hereby authorizes the Chairman to execute the release document. No release instrument shall be delivered to the Applicant, or shall be effective, until all of the foregoing requirements have been fully completed and fulfilled to the District's satisfaction, and such release has been recorded in the Public Records of St. Lucie and Martin Counties.

Section 3: This Resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED** this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD

By:

Chairman

Attest:

District Clerk/Secretary

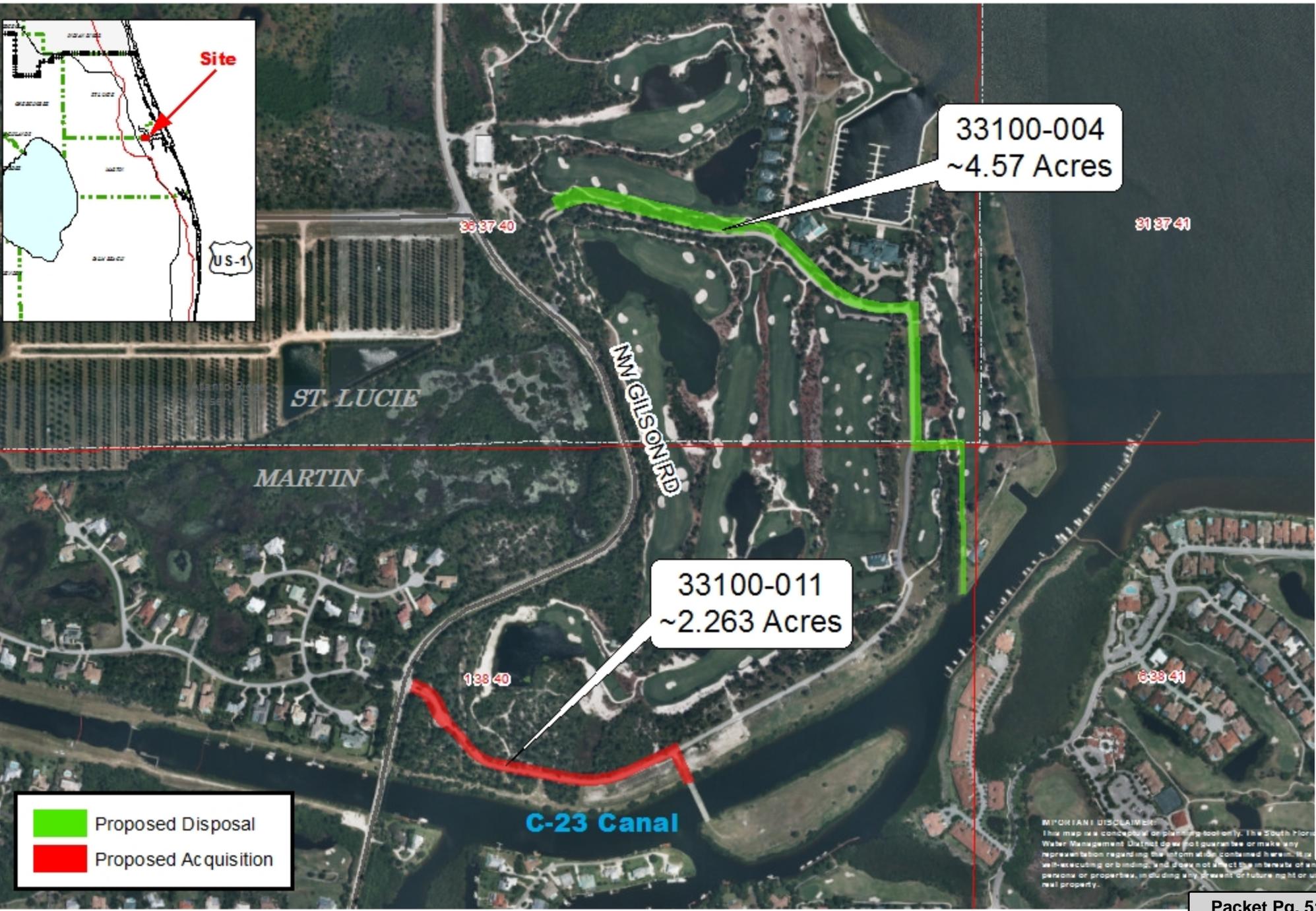
Legal form approved:

By:

Office of Counsel

Print name:

C-23 Canal Martin & St. Lucie Counties



Proposed Disposal
Proposed Acquisition

IMPORTANT DISCLAIMER:
This map is a conceptual planning tool only. The South Florida Water Management District does not guarantee or make any representation regarding the information contained hereon. It is not intended to be used as a basis for any legal action or binding agreement and does not affect the interests of any persons or properties, including any present or future right or use of real property.

Attachment: ca_om_205_map_Massey_Floridian Exchange (Resolution No. 2014 - 1003 : Exchange of

MEMORANDUM

TO: Governing Board Members

FROM: Karen Estock, Division Director

DATE: October 09, 2014

SUBJECT: Proposed Amendment Env. Risk Assess Services - ECT 4600002401

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,800,000 to \$2,300,000 for the referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

Background, Core Mission and Strategic Priorities:

This Contract is used to support the District's Construction, Engineering, Planning, Permitting, Land Acquisition, Operations and Maintenance activities. This Contract will provide specialized external resources to assist with real estate environmental due diligence, contamination assessment/corrective actions, ecological/human health risk assessment, federal and state air permitting support and hazardous material emergency response.

Funding Source:

This Contract does not include a specific funding source. The funding for this Contract is provided on a Project basis to support other approved and funded Projects.

Staff Contact and/or Presenter:

Bob Kukleski, rkuklesk@sfwmd.gov <<mailto:rkuklesk@sfwmd.gov>>, ext. 3337

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1004

A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to Contract 4600002401 with Environmental Consulting and Technology Inc., for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets; providing an effective date. (Contract 4600002401)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize an amendment to Contract 4600002401 with Environmental Consulting and Technology, Inc., for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000; and

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the SFWMD hereby approves an amendment to Contract 4600002401 with Environmental Consulting and Technology Inc., for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000 from \$1,800,000 to \$2,300,000.

Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

MEMORANDUM

TO: Governing Board Members

FROM: Karen Estock, Division Director

DATE: October 09, 2014

SUBJECT: Proposed Amendment Env. Risk Assess Services - PSI 4600002399

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,800,000 to \$2,300,000 for the referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

Background, Core Mission and Strategic Priorities:

This Contract is used to support the District's Construction, Engineering, Planning, Permitting, Land Acquisition, Operations and Maintenance activities. This Contract will provide specialized external resources to assist with real estate environmental due diligence, contamination assessment/corrective actions, ecological/human health risk assessment, federal and state air permitting support and hazardous material emergency response.

Funding Source:

This Contract does not include a specific funding source. The funding for this Contract is provided on a Project basis to support other approved and funded Projects.

Staff Contact and/or Presenter:

Bob Kukleski, rkuklesk@sfwmd.gov <<mailto:rkuklesk@sfwmd.gov>>, ext. 3337

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1005

A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to Contract 4600002399 with Professional Services Industries, Inc. for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets; providing an effective date. (Contract 4600002399)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize an amendment to Contract 4600002399 with Professional Service Industries, Inc., for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000; and

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the SFWMD hereby approves an amendment to Contract 4600002399 with Professional Service Industries, Inc., for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000 from \$1,800,000 to \$2,300,000.

Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

MEMORANDUM

TO: Governing Board Members

FROM: Karen Estock, Division Director

DATE: October 09, 2014

SUBJECT: Proposed Amendment Env. Risk Assess Services - URS 4600002397

Summary:

This item before the Governing Board is to increase the Not to Exceed Threshold for the Environmental Risk Assessment Services Work Order Contract. The above-referenced Contract was executed in 2011 with provisions for three-year terms, and an additional two (2) one-year renewals. Based upon a performance evaluation, both one-year renewals were recently exercised. Based upon direction from the Governor's office at that juncture, the original Not to Exceed Threshold addressed only the initial three-year term. The prior expenditure limits were also developed prior to the implementation of the recent Everglades Restoration Strategies Regional Water Quality Program Projects (particularly the STA-West Expansion Project) and the C-44 Reservoir/STA Project, which have required additional environmental and ecological assessment activities. The agenda request is to increase the Not to Exceed Threshold in the amount of \$500,000 from \$1,400,000 to \$1,900,000 for the referenced Contract. Please note that a previous Contract Amendment accomplishing a prior contract capacity increase was executed in June 2013. It is also noteworthy that the recommendation does not allocate or award funds specific to a Project, but merely increases the Not to Exceed Threshold.

Staff Recommendation:

The proposed increase to the above-referenced Contract expenditure limits is recommended for approval to ensure that restoration Project design/permitting, as well as land acquisition activities, are not delayed. This Contract will provide critical services to obtaining the US Fish and Wildlife Service, US Army Corps of Engineers, and Florida Department of Environmental Protection concurrence for plans and permits associated with District Projects.

Background, Core Mission and Strategic Priorities:

This Contract is used to support the District's Construction, Engineering, Planning, Permitting, Land Acquisition, Operations and Maintenance activities. This Contract will provide specialized external resources to assist with real estate environmental due diligence, contamination assessment/corrective actions, ecological/human health risk assessment, federal and state air permitting support and hazardous material emergency response.

Funding Source:

This Contract does not include a specific funding source. The funding for this Contract is provided on a Project basis to support other approved and funded Projects.

Staff Contact and/or Presenter:

Bob Kukleski, rkuklesk@sfwmd.gov <<mailto:rkuklesk@sfwmd.gov>>, ext. 3337

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1006

Resolution No. 2014 -

A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to Contract 4600002397 with URS Corporation, for Environmental Risk Assessment Services, to increase the Contract in an amount not to exceed \$500,000 subject to Governing Board approval for the FY15-FY16 budgets; providing an effective date. (Contract 4600002397)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize an amendment to Contract 4600002397 with URS Corporation, for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000; and

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the SFWMD hereby approves an amendment to Contract 4600002397 with URS Corporation, for Environmental Risk Assessment Services, to increase the contract in an amount not to exceed \$500,000 from \$1,400,000 to \$1,900,000.

Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

MEMORANDUM

TO: Governing Board Members

FROM: Terrie Bates, Director, Water Resources Division

DATE: October 09, 2014

SUBJECT: Draft FY2015 Five-Year Water Resource Development Work Program

Summary

Pursuant to Section 373.536(6)(a) Florida Statutes (F.S.), the water management districts are required to submit a Five-Year Water Resource Development Work Program to the Governor, the President of the Senate, the Speaker of the House of Representatives, the Florida Department of Environmental Protection, and others following final budget adoption. The Work Program describes the District's implementation strategy and funding plan for the water resource development components of each approved regional water supply plan. Projects involving water conservation, resource evaluation and regional water resource development are examples of what is contained in the five-year plan.

Staff Recommendation

Staff recommends that the Governing Board approve this resolution, accepting the Draft Five-Year Water Resource Development Work Program; transmitting it to the parties identified in Section 373.536(6)(a) F.S.; and, authorizing District staff to address and incorporate appropriate revisions as a result of agency and/or public comment to the Work Program prior to inclusion into the FY2015 South Florida Environmental Report.

Core Mission and Strategic Priorities

Meeting the current and future demands of water users and the environment is part of the District's core mission. Florida law identifies water resource development projects (primarily the District's responsibility) and water supply development projects (involves public and private facilities which are the responsibility of local water users) as two types of projects to meet water needs. The Five-Year Water Resources Development Work Program is a progress report on the water resources development projects identified in the District's various regional water supply plans.

Funding Source

Implementation of the water resource development projects identified in the District's regional water supply plans are funded through a combination of local, District, and state funds as appropriate and available. The District has allocated \$116.2 million in ad valorem funding in FY2015 for Water Resource Development Projects.

Staff Contact and/or Presenter

Terrie Bates, tbates@sfwmd.gov <<mailto:tbates@sfwmd.gov>>, (561) 682-6952

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1007

A Resolution of the Governing Board of the South Florida Water Management District accepting the FY2015 Five-Year Water Resource Development Work Program pursuant to Section 373.536(6)(a)4, Florida Statutes (F.S.); providing an effective date.

WHEREAS, pursuant to Section 373.536(6)(a)4, F.S., staff for the South Florida Water Management District (District) has prepared the draft 2015 Five-Year Water Resources Development Work Program (Work Program);

WHEREAS, the Work Program includes an evaluation of the Work Program's consistency with the furtherance of the District's regional water supply plans and the adequacy of the proposed expenditures;

WHEREAS, the Work Program must be provided to the Governor, the President of the Senate, the Speaker of the House of Representatives, the Florida Department of Environmental Protection (Department), and others within 30 days of final budget adoption for review and comment;

WHEREAS, the Governing Board approved and adopted the District's final budget on September 23, 2014;

WHEREAS, within 45 days of receipt of the Department's evaluation of the Work Program, the Governing Board is required to state in writing to the Department which changes recommended in the evaluation will be incorporated into the Work Program, which is submitted as part of the Consolidated Water Management District Annual Report required by Section 373.036(7) F.S., or specify the reasons for not incorporating the changes into the Work Program;

WHEREAS, the 2015 Work Program will be contained in Volume II of the FY2015 South Florida Environmental Report as Chapter 5A; **now therefore**

BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby approves the Five-Year Water Resource Development Work Program, and approves transmittal of the Work Program to the parties outlined in Section 373.536(6)(a), F.S., for review.

Section 2. A copy of the report will be made available at <http://www.sfwmd.gov/sfer>.

Section 3. The Governing Board delegates to District staff, the review of the Department's evaluation of the Work Program and authorizes District staff to incorporate suggested changes into the Work Program. Furthermore, District staff is authorized to state in writing to the Department which changes to the Work Program have been accepted or specify the reasons for not incorporating the changes.

Section 4. A copy of the final 2015 Work Program shall be incorporated as Chapter 5A in Volume II of the FY2014 South Florida Environmental Report.

Section 5. This resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED** on this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD

By:

Chairman

Attest:

Legal form approved:

By:

District Clerk/Secretary

Office of Counsel

Print name:



2015 Five-Year Water Resource Development Work Program



Attachment: FY15_VolIII_Ch5A_DRAFT_REPORT_9-15-14 (Resolution No. 2014 - 1007 : Draft FY2015 Five-Year Water Resource Development

Five-Year Water Resource Development Work Program

INTRODUCTION

Section 373.536(6)(a)4 of the Florida Statutes (F.S.) requires each water management district to prepare an annual Five-Year Water Resource Development Work Program (Work Program). Accordingly, this report presents the South Florida Water Management District's (SFWMD or District) Work Program for Fiscal Years 2015–2019 (FY2015–FY2019) (October 1, 2014–September 30, 2019). This document describes the District's implementation strategy for the water resource development component of each approved regional water supply plan developed or updated under Section 373.709, F.S. Further information on the District's role in managing the region's water resources is available at www.sfwmd.gov/watersupply.

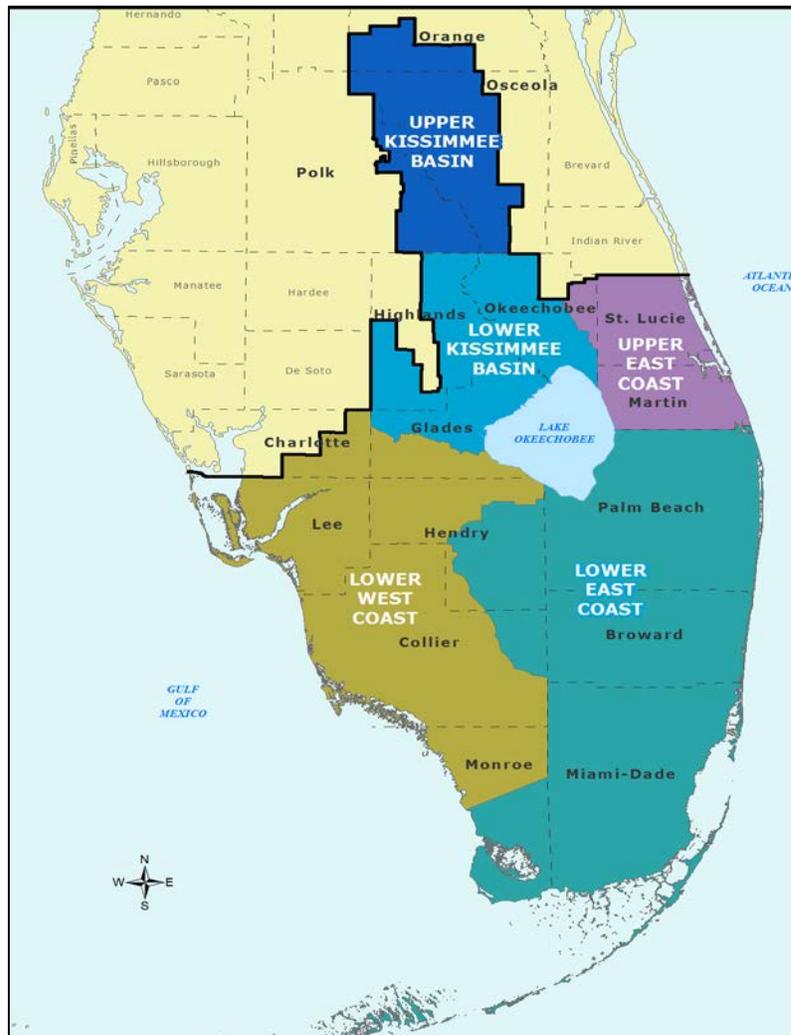
Florida water law identifies two types of projects to meet water needs: water supply development projects and water resource development projects. Water supply development projects generally involve public or private facilities for water collection, treatment, and transmission and are the responsibility of local water users. Water resource development is defined in Section 373.019(24), F.S., as “the formulation and implementation of regional water resource management strategies, including the collection and evaluation of surface water and groundwater data; structural and non-structural programs to protect and manage water resources; development of regional water resource implementation programs; construction, operation, and maintenance of major public works facilities to provide for flood, surface, and underground water storage and groundwater recharge augmentation; and related technical assistance to local governments and to government owned and privately owned water utilities.” These types of projects are regional in nature and are primarily the District's responsibility. These projects support water supply development at the local level and are intended to ensure the availability of adequate water supplies for all uses deemed reasonable and beneficial and to maintain the function of natural systems.

WATER SUPPLY PLANNING

In accordance with Chapters 163 and 373, F.S., the District is required to update regional water supply plans every five years for at least a 20-year planning horizon to ensure the availability of water to meet all existing and future reasonable-beneficial water needs and to protect natural systems from harm up to and during a 1-in-10 year drought event.

Since 2011, the District is divided into five distinct planning areas: the Upper East Coast (UEC), the Upper Kissimmee Basin (UKB), the Lower Kissimmee Basin (LKB), the Lower West Coast (LWC), and the Lower East Coast (LEC) as shown in Figure 1. Previously, the UKB and the LKB collectively comprised the Kissimmee Basin planning area. The LKB includes portions of Glades, Highlands, and Okeechobee counties. The UKB is a part of the Central Florida Water Initiative (CFWI), with its planning region covering Orange, Osceola, Polk, and Seminole counties, and southern Lake County.

Figure 1. Regional Planning Areas.



Upper Kissimmee

Basin: Osceola County and portions of Orange and Polk counties

Lower Kissimmee

Basin: Portions of Okeechobee, Highlands and Glades counties

Upper East Coast:

Martin and St. Lucie counties and eastern Okeechobee County

Lower East Coast:

Palm Beach, Broward, and Miami-Dade and portions of Monroe, Collier and Hendry counties

Lower West Coast:

Lee and Collier County, and portions of Glades, Hendry, Monroe and Charlotte counties

The CFWI water supply plan is being developed by three water management districts: the SFWMD, Southwest Florida Water Management District (SWFWMD) and St. Johns River Water Management District (SJRWMD). A key component of the CFWI's mission is to implement a long-term approach to water resource management in Central Florida.

The 2011 UEC, 2012 LWC, and 2013 LEC water supply plan updates project water demands through 2030. They were approved by the District's Governing Board in March 2011, November 2012, and September 2013, respectively. Both the LKB and the CFWI water supply plans have a planning horizon of 2035. The final LKB plan update is anticipated to be presented at the September 2014 Governing Board for approval. The governing boards of the three water management districts acknowledged the delivery of the draft CFWI Regional Water Supply Plan in May 2014 but have delayed final agency action until the completion of work by the Solutions Planning Team. The team's work and any resulting changes or refinements are scheduled to be completed in 2015.

District-wide population in 2014 is 8.1 million with the 2030 population expected to increase to approximately 10 million with an estimated raw water demand of 4 billion gallons per day. Information shows that the rate of population growth varies throughout the District with some

counties experiencing more growth than others. Overall, water supply demand projections in current water supply plans/updates are significantly lower than previous plans due to slower population growth and water conservation efforts.

WATER RESOURCE DEVELOPMENT PROJECTS

Most water resource development projects support and enhance water supply development but do not themselves yield specific quantities of water. For example, project-related hydrologic investigations and groundwater monitoring and modeling provide important information about aquifer characteristics (e.g., hydraulic properties and water quality), but do not increase water availability. Information derived from these water resource development projects supports water supply development projects (i.e., developing appropriate facility design, identifying safe aquifer yields, and evaluating the economic viability of projects). Water resource development projects in this report have been divided into District-wide and regional water resource development projects. District-wide water resource development projects geographically benefit the entire District while regional water resource development projects are specific to a particular planning region or basin located within the planning region.

Water resource development projects are discussed in Chapter 5 of the 2011 UEC and 2012 LWC plan updates, Chapter 4 of the 2013 LEC plan update and 2014 LKB plan, and Chapter 8 of the draft CFWI plan.

It should be noted that District projects that provide water supply primarily for the environment are presented in the South Florida Environmental Report (SFER) Consolidated Project Report Database, which is accessible at www.sfwmd.gov/sfer. Funding described in this report does not include projects associated with the Comprehensive Everglades Restoration Plan (CERP), restoration strategies or other restoration projects; they are captured in other sections of the SFER.

District-wide Water Resource Development Projects

As stated above, District-wide water resource development projects geographically benefit the entire District. With respect to these projects, a portion of the District's annual operation and maintenance (O&M) budget for the Central & Southern Florida Project (C&SF) is allocated to providing water supply to the region. The SFWMD is responsible for managing and protecting the water resources of southern Florida, which requires balancing and improving water quality, flood control, natural systems, and water supply. These activities are closely linked to water resource development activities such as hydrologic investigations and groundwater monitoring and modeling. As an essential part of the agency's core mission, providing water supply for agriculture, urban uses, and natural resource needs and preventing saltwater intrusion are a routine part of O&M.

The water resource development projects described in this report—rulemaking for Minimum Flows and Levels (MFLs), alternative water supply (AWS), the comprehensive water conservation program, drilling and testing, groundwater monitoring and groundwater modeling—are primarily District-wide projects. For more detail, refer to the *District-wide Water Resource Development Projects (DC, DD, DE, DF)* section of this report. Implementation schedules and projected costs for FY2015–FY2019 are summarized in **Table 1**.

Regional Water Resource Development Projects

Regional water resource development projects are specific to a particular planning region or basin located within the planning region. The regional water resource development projects described in this report—Central Florida Water Supply Planning and Central Florida Water

Initiative—are focused on the Upper Kissimmee Basin region. For more detailed information about these projects, see the *Regional Water Resource Development Projects (DA, DB, FA)* section of this report. Implementation schedules and projected costs for FY2015–FY2019 are summarized in **Table 1**.

FUNDING

The District’s budget is approved annually in September. Over \$8.1M has been allocated to water resource development projects in the FY2015 budget. In addition, the FY2015 O&M budget is \$215 million, of which approximately 50 percent (\$107.5 million) is allocated to providing water supply to the region. This equates to approximately \$115.6 million that is planned to be spent in FY2015 on ensuring water supply for the region as shown in **Table 1**.

The budget is organized by elements. In this report, funding for each water resource development project related element includes FTE costs and contractual dollars, where applicable, to portray the actual program costs. Six water resource development project related budgetary elements were allocated funding in FY2015. The relevant elements that are funded in the FY2015 budget are as follows:

- **Planning (DA)** [Water Supply Planning (DA01), Central Florida Coordination (DA03)]
- **Implementation Projects (DB)** [Water Supply Plan Implementation (DB01)]
- **Rulemaking (DC)** [Water Reservations – Kissimmee (DC01), Water Reservations – Caloosahatchee MFL Update (DC09)]
- **Conservation (DD)** [Regulatory Initiatives, Water Savings Incentive Program (WaterSIP), Mobile Irrigation Laboratories (MIL) and Florida Automated Weather Network (FAWN) (DD01), Community Outreach (DD08)]
- **Alternative Water Supply (DE)** [Alternative Water Supply (DE01), Big Cypress Basin (DE02)]
- **Resource Evaluation (DF)** [Hydrogeologic Data Gathering & Analysis (DF01), Groundwater Modeling (DF02), Drilling & Testing (DF05), South Miami-Dade Hydrologic Analysis (DF06), Modeling (DF07)]

To align the budgeted projects within this report to the actual budget spreadsheets, this report is organized to follow the Water Supply Program’s elements with associated projects for each element. **Table 2** lists water resource development projects from the regional water supply plans while **Table 3** shows the water resource development projects being funded in FY2015.

Table 1. Fiscal Years 2015–2019 (FY2015–FY2019)
(October 1, 2014–September 30, 2019) implementation schedule
and projected costs for water resource development projects.

Regional Water Resource Development Projects	Plan Implementation Costs (\$ in thousands)					Total
	FY2015	FY2016	FY2017	FY2018	FY2019	
Water Supply Planning (DA01) Est. finish date: Ongoing	1,191	1,200	1,200	1,300	1,300	6,191
CFWI Project Facilitator (DA03) Est. finish date: Completed in 2015	25	*	*	*	*	25
CFWI Water Supply Planning Project (DA03) Est. finish date: 2015	457	150	150	150	150	1,057
CFWI/ECFT Model (DA03)	532	30	30	30	30	652
Water Supply Implementation (DB01) Est. finish date: Ongoing	401	401	401	401	401	2,005
KCOL Long-Term Management Plan/KB Modeling & Operations Study¹ (FA09) Est. finish date: On Hold	N/A	N/A	N/A	N/A	N/A	N/A
Sub-Total	2,606	1,781	1,781	1,881	1,881	9,930

Table 1. Continued.

District-wide Water Resource Development Projects	Plan Implementation Costs (\$ in thousands)					Total
	FY2015	FY2016	FY2017	FY2018	FY2019	
MFL, Water Reservation Activities and Restricted Allocation Areas (DC01, DC09) Est. finish date: Ongoing	751	440	440	380	380	2,391
Comprehensive Water Conservation Program (DD01, DD08) Est. finish date: Ongoing	671	675	675	675	675	3,371
Alternative Water Supply (DE01, DE02) Est. finish date: Ongoing	1,739	1,740	1,740	1,740	1,740	8,699
Drilling and Testing (DF05) Est. finish date: Ongoing	198	200	200	200	200	998
Groundwater Monitoring (DF01, DF06) Est. finish date: Ongoing	1,329	1,330	1,330	1,330	1,330	6,649
Groundwater Modeling (DF02, DF07, DA03) Est. finish date: Ongoing	838	840	840	840	840	4,198
Estimated Portion of C&SF Operation and Maintenance Budget Allocated to Water Supply²	107,500	107,500	107,500	107,500	107,500	537,500
Sub-Total	113,026	112,725	112,725	112,665	112,665	563,806
Total	115,632	114,506	114,506	114,546	114,546	573,736

C&SF – Central & South Florida Project

CFWI – Central Florida Water Initiative

ECFT – East Central Florida Transient Model

KB – Kissimmee Basin Planning Area

KCOL – Kissimmee Chain of Lakes

MFL – Minimum Flows and Levels

N/A – included in the CFWI water supply plan but not funded by SFWMD

STOPR – St. Cloud, Toho, Orange County, Polk County, Reedy Creek

* project is completed: no future funding will be provided

¹ information on the Kissimmee Watershed Program is provided in Volume 1 of the SFER

² Approximated based on 50 percent of the FY2015 Operation & Maintenance budget

Table 2. Crosswalk for water supply plans, water resource development projects, and sections of this report.

Recommended Water Resource Development Projects	Status	Report Section	Coverage Area	2011 UEC	2012 LWC	2013 LEC	2014 LKB	2014 UKB
Alternative Water Supply Program	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*	*	*
Comprehensive Water Conservation Program	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*	*	*
Floridan Aquifer System Model and Database Development	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*		*
Floridan Aquifer Exploratory Well Program	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*	*	*
Groundwater Monitoring	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*	*	*
ET Measurement Project	Complete	District-wide Water Resource Development Projects	District-wide	*	*			
USGS Water Quality Module	Complete	District-wide Water Resource Development Projects	District-wide	*	*			
MFL Activities	Ongoing	District-wide Water Resource Development Projects	District-wide		*			*
Water Reservation Activities	Ongoing	District-wide Water Resource Development Projects	District-wide		*		*	*
Saltwater Intrusion Monitoring & Mapping	Ongoing	District-wide Water Resource Development Projects	District-wide		*	*		*
Surficial & Intermediate Aquifer System Model & Database Development	Ongoing	District-wide Water Resource Development Projects	Basin-specific		*			
Kissimmee Basin Modeling & Operations Study	Ongoing	District-wide Water Resource Development Projects	Basin-specific					*
Water Savings Incentive Program	Ongoing	District-wide Water Resource Development Projects	District-wide	*	*	*	*	*
Mobile Irrigation Labs	Ongoing	District-wide Water Resource Development Projects	District-wide		*			

ASR – Aquifer Storage & Recovery
 ET – Evapotranspiration
 LEC – Lower East Coast

LKB – Lower Kissimmee Basin
 LWC – Lower West Coast
 MFL – Minimum Flows and Levels

UEC – Upper East Coast
 UKB – Upper Kissimmee Basin
 USGS – U.S. Geological Survey

Table 3. Crosswalk for FY2015 budget (excluding FTE costs), water resource development projects, and sections of this report.

Budget Line Item	Program Element Name	Functional Area Name	Functional Area	Amount	Project	Report Section
	Planning	Central Florida Water Initiative	DA03	\$25,000	Central Florida Water Initiative Project Facilitator	Central Florida Water Supply Planning (p. 11)
21163	Planning	Central Florida Water Initiative	DA03	\$75,000	Modeling	Central Florida Water Supply Planning (p. 13)
18402	Implementation Projects	Water Supply Plan Implementation	DB01	\$2,500	Training & Conferences	Water Supply Implementation
22603	Rulemaking	MFL Water Reservation Rule Status	DC09	\$83,000	Tape Grass Restoration Pilot Study	Rulemaking (p. 17)
20227	Rulemaking	MFL Water Reservation Rule Status	DC01	\$55,000	Kissimmee SERC Evaluation	Rulemaking (p. 17)
	Water Conservation	Regulatory Initiatives	DD01	\$250,000	Water Savings Incentive Program (WaterSIP)	Conservation (p. 19)
22546	Water Conservation	Regulatory Initiatives	DD01	\$55,000	Mobile Irrigation Lab – BCB	Conservation (p. 19)
20393	Water Conservation	Regulatory Initiatives	DD01	\$75,000	FAWN	Conservation (p. 19)
22602	Water Conservation	Education & Marketing Initiatives – Public Information & Outreach	DD08	\$15,000	Great Water Odyssey	Conservation (p. 19)
22607	Alternative Water Supply	Alternative Water Supply – District-wide	DE01	\$1,650,000	Alternative Water Supply	Alternative Water Supply (p. 21)
18240	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$313,002	FTL USGS GW Core Network Monitoring	Resource Evaluation – Groundwater Monitoring (p. 22)
18241	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$95,380	ORL USGS GW Core Network Monitoring	Resource Evaluation – Groundwater Monitoring (p. 22)
18269	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$48,390	Groundwater RTU Maintenance/Repair	Resource Evaluation – Groundwater Monitoring (p. 22)
17220	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$50,000	Emergency Wellhead Repairs	Resource Evaluation – Groundwater Monitoring (p. 22)

Table 3. Continued.

Budget Line Item	Program Element Name	Activity Name	Activity	Amount	Project	Report Section
17221	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$25,000	Parts & Supplies – Field Equipment	Resource Evaluation – Groundwater Monitoring (p. 22)
17222	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$18,893	Geophysical Logging	Resource Evaluation – Groundwater Monitoring (p. 22)
17223	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$15,000	Hydrogeologic Data Archiving	Resource Evaluation – Groundwater Monitoring (p. 22)
17224	Resource Evaluation	Hydrogeologic Data Gathering	DF01	\$14,400	Monthly Groundwater Level Measurements	Resource Evaluation – Groundwater Monitoring (p. 22)
19192	Resource Evaluation	South Miami Dade Hydrologic Analysis	DF06	\$50,000	Technical Review – FPL (Isotope Data Interpretation)	Resource Evaluation – Groundwater Monitoring (p. 22)
16994	Resource Evaluation	Groundwater Modeling	DF02	\$75,000	Groundwater Model Peer Reviews	Resource Evaluation – Groundwater Modeling (p. 24)

BCB – Big Cypress Basin
 FAWN – Florida Automated Weather Network
 FPL – Florida Power & Light
 FTE – Full-Time Employee
 FTL – Fort Lauderdale

GW – Groundwater
 MFL – Minimum Flows and Levels
 ORL - Orlando
 RTU – Remote Terminal Units
 SERC – Statement of Estimated Regulatory Costs
 USGS – U.S. Geological Survey

REGIONAL WATER RESOURCE DEVELOPMENT PROJECTS (DA, DB, FA)

WATER SUPPLY PLANNING (DA01)

Regional water supply plans are updated every five years; however, there is ongoing work annually to support the updates (i.e., modeling, saltwater intrusion mapping, population and demand projections, receiving, reviewing and compiling annual utility status reports). In addition, development of the regional plans are staggered and approved in varying years, requiring allocation of staff time annually. Water supply plans and updates describe proposed water supply projects, water resource projects, and implementation strategies for the planning period. CFWI planning efforts are captured in a combination of DA01 and DA03.

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed for FY2014:

- The Draft CFWI Regional Water Supply Plan was acknowledged by the Governing Boards of the SFWMD, SWFWMD, and SJRWMD
- Approval of LKB Water Supply Plan
- Participation on CFWI Solutions Team, including the Regulatory Team and Technical Sub-Teams
- Initiated UEC Floridan Aquifer modeling including public participation process
- Continued development of LWC Surficial Aquifer System and Intermediate Aquifer System Model
- Initiated data collection and evaluation for the 2016 UEC Water Supply Plan Update

Activities proposed for FY2015:

- Approval of Final CFWI Regional Water Supply Plan
- Continue data collection and evaluation for the 2016 UEC Water Supply Plan Update
- Initiate UEC Water Supply Plan public participation process and initiate development of Plan chapters
- Complete UEC Floridan Aquifer modeling
- Continue participation on Solution Planning Team including Regulatory Team and Technical Sub-Teams
- Continue development of LWC Surficial Aquifer System and Intermediate Aquifer System Model
- Initiate data collection and evaluation for the 2017 LWC Water Supply Plan Update

Estimated completion date: Ongoing

Funding sources: SFWMD

Cost per thousand gallons: Project is not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	1,191 ¹	1,200 ¹	1,200 ¹	1,300 ¹	1,300 ¹	6,191

¹ FTE costs

CENTRAL FLORIDA WATER SUPPLY PLANNING (DA03) (KISSIMMEE BASIN PLANNING AREA)

Water supply planning in Central Florida is continuing and includes four projects in this report: the Central Florida Water Cooperative, the Central Florida Water Initiative Project Facilitator, the Central Florida Water Initiative Water Supply Planning Project and the Central Florida Water Initiative/East Central Florida Transient Model. These projects were developed to address central Florida's current and long-term water supply needs.

Central Florida Water Cooperative (formerly STOPR/Orange County Settlement Agreement)

The original intent of the St Cloud, Tohopekaliga (TOHO), Orange County, Polk County, Reedy Creek (STOPR) Study was to complete a utility-specific water supply strategy for those portions of Central Florida within the SFWMD and surrounding areas. The funds available from a settlement agreement with Orange County and the City of St. Cloud (originally allocated to STOPR) were transferred to the Central Florida Water Cooperative, which is an inter-local agreement between the City of St. Cloud, the TOHO Water Authority, Orange County, and Polk County, also known as the "Water Co-op". The Water Co-op is authorized to implement water projects with member and non-member governments with whom it may enter into agreements with and has undertaken the Cypress Lake Potable Water Transmission, Optimization and Interconnection Analysis Project. The purpose of this project is to develop a conceptual design for transmission and optimization of Cypress Lake wellfield finished water in concert with existing potable water sources and to facilitate the efficient and cost-effective transfer and transmission of potable water among utilities.

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to produce water

Activities completed for FY2014: The remaining tasks of the District's agreement were completed; Phase I Water Wheeling with Cypress Lake wellfield water and the Initial Conceptual Design Plan

Activities proposed for FY2015: Project is closed and District has fulfilled its obligation to the Water Co-op

Estimated completion date: FY2014

Funding sources: District funding has been expended; remaining work on the report will be funded by the Water Co-op

Cost per thousand gallons: Project is not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	0 ¹	0	0	0	0	0

¹ remaining funds fully expended during FY2014

Central Florida Water Initiative Project Facilitator

The District will continue to provide funding for a facilitator to coordinate with agencies and stakeholders to develop a regional water supply solution strategy in the CFWI area. The facilitator will schedule and provide documentation of meetings, develop presentations, and provide additional similar services (DA03; \$25,000).

Implementing entity: SFWMD, SWFWMD, and SJRWMD

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed in FY2014:

- Continued facilitation of meetings of the Steering Committee, Management Oversight Committee (MOC), and Solutions Planning Team
- Maintained and updated CFWI Guidance Document
- Maintained and updated website (<http://cfwiwater.com/>)

Activities proposed for FY2015: Continue facilitation of meetings of the Steering Committee, MOC, and Solutions Planning Team

Estimated completion date: FY2015

Funding sources: SFWMD, SWFWMD, SJRWMD

Cost per thousand gallons: Project is not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	25 ¹	0	0	0	0	25

¹ \$25K contractual costs

Central Florida Water Initiative Water Supply Planning Project

This project encompasses development of the CFWI Regional Water Supply Plan in cooperation with SJRWMD, SWFWMD, Florida Department of Environmental Protection (FDEP), Florida Department of Agriculture and Consumer Services (FDACS), regional public water supply utilities, and stakeholders.

Implementing entity: SFWMD, SJRWMD, SWFWMD, FDEP, and FDACS

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed in FY2014:

- Completed Draft CFWI Regional Water Supply Plan; presented to and acknowledged by all three water management district Governing Boards
- Initiated Solution Planning Phase
- Convened Solution Planning Team including Regulatory Team and Technical Sub-Teams
- Revised East Central Florida Transient (ECFT) groundwater model with improved water demand information
- Developed East Central Florida Steady State groundwater model to expedite evaluations of various scenarios
- Began modeling Solution Project Scenarios
- Continued meetings of the Steering Committee, MOC, and Solutions Planning Team and Technical Sub-Teams

Activities proposed for FY2015:

- Continue participation at Steering Committee, MOC, and Solutions Planning Team and Technical Sub-Team meetings
- Simulate solutions project scenarios with ECFT modeling
- Incorporate Solutions Planning Team work into Regional Water Supply Plan

- Complete Solutions Planning document
- Approve Regional Water Supply Plan by three water management district Governing Boards

Estimated completion date: FY2015

Funding sources: SFWMD (other water management districts provide matching funds)

Cost per thousand gallons: Project is not designed to make water available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	457 ¹	150 ¹	150 ¹	150 ¹	150 ¹	1,057

¹ FTE costs

Central Florida Water Initiative/East Central Florida Transient Model

SFWMD groundwater modeling staff is supporting the CFWI through the use of the updated version of the East Central Florida Transient Model. This model has been used to estimate groundwater availability in the CFWI while considering the effects of groundwater withdrawals on wetlands, springs, lakes, saltwater intrusion, and existing legal users of water. In FY2015, contractual funds are allocated to compile and analyze input data sets for the model (DA03; \$75,000).

Implementing entity: SFWMD, SWFWMD, and SJRWMD

Estimate of quantity of water produced by project: Project is not designed to make water available, but to evaluate potential future sources of water

Activities completed in FY2014:

- Prepared model documentation for CFWI Groundwater Availability (CFWI Regional Water Supply Plan)
- Updated CFWI Reference Condition and 2015 scenarios with revised Landscape Irrigation, Rapid Infiltration Basin (RIB) flows, and reclaimed water irrigation values
- Completed additional model runs as requested by the CFWI Solutions Planning Team

Activities proposed for FY2015: Staff will prepare documentation of model improvements and description of scenarios to support the CFWI Solutions Planning Team. The three districts that are part of the CFWI will begin the process of updating the ECFT model by (1) expanding the model domain, (2) updating the rainfall – runoff partitioning package, and (3) preparing updated model input data sets

Estimated completion date: FY2016

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water available.

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	532 ¹	30 ²	30 ²	30 ²	30 ²	652

¹\$75K contractual costs and \$457K FTEs

²FTEs Only (Note: estimate ½ FTE for modeling associated with CFWI water supply planning in future years)

WATER SUPPLY IMPLEMENTATION (DB01)

Regional water supply plans include specific recommendations and implementation strategies to ensure availability of future water supplies. Coordination, execution, and facilitation of water resource development projects, operational changes, implementation of alternative water supply development, consumptive use permitting, conservation programs, and rulemaking associated with the plans is a multiyear process that involves working closely with other agencies, local governments, utilities, the agricultural industry, and environmental interests. The SFWMD budgets annual staff time to be spent on these activities.

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed in FY2014:

- Coordination of desalination activities in the District including updating the District's desalination facility inventory and map
- Management of District water reuse activities including regular coordination meetings with three FDEP district offices whose boundaries include portions of the SFWMD, development of reclaimed water GIS coverage, and updating the District's reclaimed water inventory
- Oversight of District ASR activities, which involved maintaining inventory, coordinating with other water management districts, state and federal agencies (including work on the CERP ASR Regional Study), and work with the United States Army Corps of Engineers (USACE) to finalize a 12-year technical evaluation report on the feasibility of constructing numerous ASR sites throughout South Florida in support of Everglades restoration
- Facilitated and coordinated with over 100 water utilities for their online annual update of water supply development projects to the District's Local Government and Water Supply Planning and Utility Project database
- Assisted the FDEP in formulating and initializing a process to conduct a comprehensive study on the expansion of the beneficial use of reclaimed water, stormwater, and excess surface water in Florida as required by SB536, approved during the 2014 legislative session
- Provided hydrogeologic support to District projects including:
 - **L-8 Flow Equalization Basin** – Construction Support. Staff provided hydrogeologic interpretation and evaluation of water level responses during construction of the L-8 Flow Equalization Basin in Palm Beach County.
 - **Picayune Strand Restoration Project (PSRP)** – Design Support. Hydrogeologic and geotechnical interpretation and evaluation of groundwater conditions to assist in the design of a manatee mitigation/protection feature to be constructed in association with the PSRP located in Collier County.
 - **Lakebelt Seepage Barrier** – Evaluation Support. Staff provided hydrogeologic interpretation and evaluation of water level responses during the construction of a test section of a subsurface seepage barrier feature in an area of active rock mining in Miami-Dade County to support Everglades restoration efforts to improve hydraulic conditions in the Shark River Slough.
 - **Stormwater Treatment Area (STA)** – Staff provided hydrogeologic interpretation of soil conditions, initial remedial design concepts, and well abandonment design at

water storage and treatment areas associated with the Istokpoga Marsh Feature in Highlands County and the expansion of STA-1W in Palm Beach County. These projects are in association with the Everglades Restoration Strategies initiative.

Activities proposed for FY2015:

- Continue coordination of desalination activities in the District
- Continue management of District water reuse activities including regular coordination meetings with FDEP, updating reclaimed water GIS coverage, and maintaining District reclaimed water inventory
- Continue oversight of District ASR activities. Specific projects include:
 - **City of West Palm Beach ASR System:** District staff is providing assistance with cycle testing, data collection, and evaluation. The city recently activated this ASR system and will be evaluating the testing results through 2015
 - **CERP ASR Regional Study – Technical Data Report:** Staff is working with the USACE to finalize a 12-year technical evaluation report on the feasibility of constructing numerous ASR projects throughout South Florida in support of Everglades restoration
 - **ASR Database:** Staff is compiling information on ASR projects throughout Florida and compiling an electronic database that will be available at www.sfwmd.gov. The database will include technical information, publications, and links to sources for a variety of topics related to the technology. In 2015, a GIS-based component of the database will be finalized, allowing interested workers to search ASR data via a geographically based platform
- Provide hydrogeologic support of District projects including:
 - **L-8 Flow Equalization Basin.** Staff will continue to provide hydrogeologic support
 - **PSRP.** Continue to provide hydrogeologic and geotechnical support during construction of the manatee mitigation/protection feature
 - **Lakebelt Seepage Barrier.** Continue to provide hydrogeologic support during the design and construction of the seepage barrier feature
- **FDEP SB536 Water Report.** Continue to assist FDEP in completing a report on the statewide expansion of reclaimed water, stormwater, and excess surface water use
- **Utility Database.** Facilitate and coordinate with water utilities to update the status of their water supply development projects in the District’s Utility Project Database

Estimated completion date: Ongoing

Funding sources: SFWMD

Cost per thousand gallons: Project is not designed to make water available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	401 ¹	2,005				

¹\$396K FTEs and \$5K other

KISSIMMEE BASIN MODELING AND OPERATIONS STUDY (FA09)

The Kissimmee Basin Modeling and Operations Study (KB MOS) was the first comprehensive review of water management operations for the Kissimmee Basin in more than 30 years. Its goal was to evaluate alternative procedures for the C&SF Project water control structures throughout the Kissimmee Basin by aligning upstream and downstream operations with the Kissimmee River Restoration Project (KRRP) headwater discharges at S-65. The result is expected to enhance or sustain habitat conditions for fish and wildlife throughout the Kissimmee Chain of Lakes (KCOL).

KB MOS was put on hold in October 2013 due to KRRP cost-crediting issues between the SFWMD and the USACE. There were six work products conducted in FY2014 that were closed out or shut down. At this time, there are no activities planned for the future.

Implementing entity: SFWMD with federal, state, and local government support

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed in FY2014:

The Study Team was requested to close out ongoing activities and shut down/close-out study activities. The following District products were finalized in FY2014:

- “No Action” Alternative Base Condition Model Development and Evaluation Report
- AFET LT/-Flood “No Action” Alternative/Base Condition and Alternative Plan Model Refinement Technical Memorandum
- Interagency Workshop Summaries from the Review of Performance Measures and Review of Preliminary Versions of the Top Performing Alternative Plans
- Final Interim Alternative Plan Selection Document (APSD)
- Independent Interim APSD Section 8 (this document describes preliminary versions of the top four alternative plan operating criteria and captures the state of alternative plans at the time the KB MOS was put on hold)
- Preliminary Draft Operational Guidance Memorandum for the “No Action” and “Pre-Alt” Base Condition for the KRRP

Activities proposed for FY2015:

- All activities have been placed on indefinite hold

Estimated completion date: TBD

Past Funding sources: SFWMD and USACE through KRRP Cooperation Agreement

Cost per thousand gallons: Project was not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	N/A	N/A	N/A	N/A	N/A	N/A

DISTRICT-WIDE WATER RESOURCE DEVELOPMENT PROJECTS (DC, DD, DE, DF)

This section provides project descriptions by budget element for the District-wide water resource development efforts funded through the District's Water Supply Program for FY2015. Additional information, including the implementing entities, proposed FY2015 activities, estimated completion dates, and funding sources is presented in each project summary.

RULEMAKING (DC01, DC09)

Minimum Flows and Levels and Water Reservation Activities

MFLs are developed pursuant to Sections 373.042 and 373.0421, F.S., and are part of a comprehensive water resource management approach to assure the sustainability of Florida's water resources. An MFL is a minimum threshold below which further water withdrawals will cause significant harm to water resources or the ecology of the area. MFL implementation activities include conducting research to set scientifically based criteria for defining significant harm, conducting voluntary independent scientific peer review of the associated science where needed, gaining stakeholder input in the process, and completing rulemaking. Prevention or recovery strategies are developed concurrently with MFLs to either maintain (prevention strategy) or achieve (recovery strategy) compliance with established MFLs.

The District Governing Board has the ability to authorize rule development to establish water reservations in accordance with Section 373.223(4), F.S. A water reservation is a legal mechanism to reserve water from consumptive uses that is needed to protect fish and wildlife or public health and safety. Water reservations help support Everglades restoration and aid in a recovery or prevention strategy for established MFLs. The creation of a water reservation is necessary for the District and the USACE to enter into a Project Partnership Agreement, as required by the Water Resources Development Act of 2000 for construction of CERP project components such as reservoirs or Stormwater Treatment Areas. Priority water bodies, which include both MFLs and water reservations, are required to be approved annually by the Governing Board and submitted to FDEP.

Implementing entity: SFWMD with federal and state government support

Estimate of quantity of water produced by project: Projects are not designed to make water directly available

Activities completed in FY2014:

- **Caloosahatchee River Estuary MFL Re-evaluation – Quantifying Tape Grass:** Anticipated collecting and analyzing data for the tidal basin and its tributaries as well as developing models to evaluate resource responses to MFL criteria. Project was abandoned due to the absence of tape grass in the Caloosahatchee River
- **Caloosahatchee River Estuary MFL Re-evaluation – Benthic Macrofauna:** Evaluated the effects of MFL flows on oysters, benthic macrofauna, zooplankton, and ichthyoplankton. Data was used to develop models for evaluating MFL criteria
- **Florida Bay MFL Re-evaluation – Peer Review:** Updated technical analysis and report with submittal of the technical report to FDEP, which included an integrated review of the hydrologic and ecological changes since the rule adoption in 2006. A peer review of the technical report was not required

- **Caloosahatchee River (C-43) West Basin Storage Reservoir CERP Project Water Reservation:** Finalized the technical document for public review and the rule development process. A draft rule was presented to the Governing Board in consideration for Notice of Rule Adoption in May 2014. The process to develop a water reservation rule has been completed and became effective on July 16, 2014
- **Kissimmee Basin Water Reservation:** Initiated reservation development. Conducted one public workshop. Water reservation rule scheduled to be adopted in calendar year 2015

Activities proposed for FY2015:

- **Tape Grass Restoration Pilot Study:** The resurgence of tape grass in the Caloosahatchee River is not only limited by chronic high salinity in the dry season, but also by grazing pressure. This study will test the hypothesis that protecting a donor population using cages will allow sufficient colonization of unprotected areas to withstand grazing pressure. (DC09, \$83,000)
- **Kissimmee Basin Water Reservation:** Continue reservation development and begin update of previous technical analysis, if necessary. Conduct public workshops and finalize the rule development process in anticipation of a water reservation rule to be adopted in calendar year 2015
- **Kissimmee Basin Water Reservation – Statement of Estimated Regulatory Costs:** Funding has been set aside for a Statement of Estimated Regulatory Cost (SERC) to determine the impact the new rule may have on small businesses (DC01, \$55,000)
- **Caloosahatchee River Estuary MFL Update:** Continue technical analysis of the data and research conducted to date and feed this information into the models for the MFL update, which is anticipated to be completed in 2017
- **Caloosahatchee River Estuary MFL Peer Review:** These data and analyses will provide information to complete a Caloosahatchee MFL technical document. The peer review of the document is anticipated to start in FY2016 with completion in FY2017
- **Caloosahatchee River Estuary MFL – Statement of Estimated Regulatory Costs:** A SERC to determine the impact the new rule may have on small businesses will be completed in 2017. There are no monies budgeted for this work in FY2015

Estimated completion date: Various

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water available.

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	751 ¹	440 ²	440 ²	380 ³	380 ³	2,391

¹ \$138K contractual costs and \$613K FTEs (elements DC01, DC09)

² \$60K contractual costs and \$380K FTEs (elements DC01, DC09)

³ FTEs only (element DC09)

CONSERVATION (DD01, DD08)

Comprehensive Water Conservation Program

The SFWMD's overall water conservation goal is to prevent and reduce wasteful, uneconomical, impractical, or unreasonable uses of water resources as stated in the District's 2008 Comprehensive Water Conservation Program. Strategies have been implemented during FY2014 in all three initiative areas—regulatory, voluntary and incentive-based, and educational and marketing—with water saving benefits expected in the future. The program is a decade-long, comprehensive demand management effort aimed at reducing water use and creating an enduring conservation ethic. From a regulatory perspective, emphasis has been placed on water conservation requirements in the Consumptive Use Permitting process that require municipalities to adopt and enforce effective conservation measures. From local landscape ordinances to year-round irrigation conservation measures, these regulatory measures advance water use efficiency and result in quantifiable water savings. Voluntary and incentive-based initiatives, including financial assistance, technical assistance, and recognition programs, supplement regulations and build goodwill, leverage investments, and bring wider environmental benefits. Education, outreach, and social marketing complement and sustain these efforts by instilling a lasting conservation ethic in Florida businesses and communities. Further information is available at www.sfwmd.gov/watersupply, under the *Water Conservation* link.

Through the Water Savings Incentive Program (WaterSIP), the SFWMD provides reimbursement up to 50 percent or up to \$50,000, whichever is less, to water providers and large users (i.e., cities, utilities, industrial groups, schools, hospitals, and homeowners/condominium associations) for installing water-saving hardware and technologies. These technologies include high efficiency plumbing fixtures, advanced irrigation controllers, automatic line flushing devices, and other hardware.

The Conserve Florida Water Clearinghouse, provided information and tools to improve water conservation through the development of utility-specific, goal-based water conservation programs. The Clearinghouse delivered their final version of the EZ Guide tool on June 30, 2014 to the water management district for their use. Further information is available at www.conservefloridawater.org. In addition, the University of Florida operates the Florida Automated Weather Network (FAWN), a statewide research and data program that provides accurate and timely weather data to a wide variety of users.

Implementing entity:

- WaterSIP: SFWMD
- MIL Program: Big Cypress Basin (BCB), FDACS, and the Soil and Water Conservation Districts
- Conserve Florida Water Clearinghouse: SFWMD, FDEP, University of Florida (UF), and other water management districts
- FAWN: SFWMD, UF, FDACS, other water management districts, and other entities
- Orange County Conservation Study: SFWMD, Orange County Utilities, SJRWMD, and the Water Research Foundation
- The Great Water Odyssey: SFWMD
- Big Cypress Basin Conservation Outreach: SFWMD and BCB Service Center
- Water Symposium of Florida, Inc. (WSF): SFWMD and BCB Service Center

Activities completed in FY2014:

- **Conserve Florida Water Clearinghouse:** Funding was provided in the FY2014 budget for the final phase of operations and maintenance activities
- **WaterSIP:** Since program inception, 172 projects were funded District-wide with an estimated water savings of 7.55 mgd. In FY2014, 11 projects with an estimated water savings of 85 MGY were awarded funding totaling \$250,000
- **MIL Program:** Six MILs are operating within the District: four agricultural and two urban. The four agricultural labs are located in Miami-Dade, Palm Beach, Broward and Martin/St. Lucie counties and the two urban MILs are located in Broward Co. and the BCB service area. The BCB lab was funded by the District while the remaining labs were funded by other sources
- **FAWN:** The District is in the second year of a 10-year memorandum of understanding for the installation, operation, and maintenance of two FAWN/FDACS-funded weather stations located on District property in the Village of Wellington and Okeechobee County. UF calculates all estimates of water savings on a statewide basis
- **The Great Water Odyssey (Online Teacher Training Program):** This web-based, interactive water resource teacher training is available to public elementary school teachers, home schoolers, private school elementary teachers, and others teaching within the SFWMD. The curriculum is offered free of charge to teachers located in District. In FY2014, the training reached 99 teachers, resulting in the curriculum being taught to more than 2,200 third, fourth, and fifth grade students
- **Water Symposium of Florida, Inc. – Big Cypress Basin:** Naples Bay is impaired for copper due to extensive runoff from neighborhood stormwater ponds and canals. In coordination with WSF and the Collier County Department of Transportation, it was determined that Collier County should modify its annual maintenance program and cease applying copper for the treatment of algae in detention ponds. This would significantly decrease the amount of copper entering primary canal waters of the BCB, which in turn discharge to Naples Bay. WSF held community workshops about utilizing native plants and aeration in place of copper to control algae
- **Orange County Conservation Study:** Purchase and installation of equipment for residential properties was complete. Irrigation data has been collected to evaluate the water conservation potential of soil moisture sensors and evapotranspiration (ET) irrigation controllers on landscapes in Orange County. UF selected 167 residential participants and 1 commercial property in each of the residential clusters for the study. UF completed surveys and site evaluations for these properties, and has determined that the commercial property will have ET controllers installed on its irrigation system

Activities proposed for FY2015:

- **WaterSIP:** Options are being evaluated to combine this program with the alternative water supply and stormwater programs into one cooperative funding program (DD01, \$250,000)
- **MIL Program (BCB):** One urban MIL in the BCB will continue to be funded (DD01, \$55,000). The remaining MILs will be funded by others
- **FAWN:** Activities will include maintenance of weather stations, enhancement of the mobile application, and continued enhancement of the FAWN system (DD01, \$75,000)
- **Orange County Conservation Study:** Irrigation data will continue to be collected during FY2015 to evaluate the water conservation potential of soil moisture sensors and ET irrigation controllers on landscapes in Orange County compared to typical irrigation

control methods. A final report on equipment installations and status will be submitted along with quarterly financial reports. The contract was extended until February 15, 2015, to allow more time to collect data during the study period; however, the District will not be providing additional funds during FY2015

- **The Great Water Odyssey:** This web-based, interactive water resource teacher training will continue to be made available to public elementary school teachers, home schoolers, private school elementary teachers, and others teaching within the SFWMD. The program is planned to reach 75–125 educators (DD08, \$15,000)

Estimated completion date: Ongoing

Funding sources:

- WaterSIP: SFWMD, utilities, homeowners associations, and other project partners
- MIL Program: SFWMD, BCB, and FDACS
- FAWN: SFWMD, UF, FDACS, and other water management districts
- Conserve Florida Water Clearinghouse: SFWMD, FDEP, UF, and other water management districts (note: funding complete)
- Orange County Conservation Study: Orange County Utilities and other water management districts
- The Great Water Odyssey: SFWMD
- Water Symposium of Florida, Inc.: SFWMD

Cost per thousand gallons: Project is not designed to make water available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	671 ¹	675 ²	675 ²	675 ²	675 ²	3,371

¹\$395K contractual costs and \$276K FTEs

²\$395K contractual costs and \$280K FTEs

ALTERNATIVE WATER SUPPLY (DE01, DE02)

A full description of Alternative Water Supply-related projects and associated funding is contained in the District's Alternative Water Supply Annual Report in the SFER, prepared pursuant to Section 373.707(7), F.S.

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	1,739 ¹	1,740 ¹	1,740 ¹	1,740 ¹	1,740 ¹	8,699

¹\$1.65M contractual costs and \$89K FTEs

²\$1.65M contractual costs and \$90K FTEs

RESOURCE EVALUATION (DF01, DF02, DF05, DF06, DF07)

Drilling and Testing Program (DF05)

The District's knowledge of Florida's hydrogeology is enhanced whenever exploratory test wells are constructed. Increased understanding has improved the accuracy of groundwater modeling and decision making regarding the approval of consumptive use permits. Full documentation of each well site (including location, well construction details, geophysical logging,

and aquifer test data) is provided in SFWMD technical publications, and this information is included in the District’s hydro-meteorologic database, DBHYDRO (www.sfwmd.gov/dbhydro).

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water directly available

Activities completed in FY2014:

- **Lower Floridan Aquifer Evaluation in the Kissimmee Basin:**
 - **Site C:** Finalized well construction and testing report
 - **Site E:** Located along the border between SFWMD and SWFWMD, site E represents the recharge area of the Floridan aquifer system. The SFWMD conducted water quality sampling and analysis of geochemical tracers and isotopes from five wells; four existing and one new well in the area during FY2014
 - Prepared draft report on isotope water quality in the Lower Floridan aquifer in Central Florida
- **Geophysical Log Analysis:** Caliper and gamma logging was conducted at 13 wells within the District to identify screened intervals from wells where this information does not exist in the DBHYDRO database

Activities proposed for FY2015:

- **Lower Floridan Aquifer Evaluation in the Kissimmee Basin:** Prepare final report on isotope water quality in the Lower Floridan aquifer in Central Florida (DF05, FTEs only)
- **Geophysical Logging:** Conduct geophysical logging on selected wells and boreholes throughout the District (DF01; \$18,893)

Estimated completion date: Ongoing

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	198 ¹	200 ²	200 ²	200 ²	200 ²	998

¹\$19K contractual and \$179 FTEs

²\$20K contractual and \$180 FTEs

Groundwater Monitoring (DF01, DF06)

Water level and water quality monitoring at existing wells provide critical information to aid the SFWMD in developing groundwater models, assessing groundwater conditions, and managing these resources. The District maintains extensive groundwater monitoring networks and partners with the United States Geological Survey (USGS) to provide additional support and funding for ongoing monitoring. Data are archived in the District’s DBHYDRO database. Data from sites monitored by the USGS are archived in the USGS database and published annually.

Implementing entity: SFWMD and USGS

Estimate of quantity of water produced by project: Project is not designed to make water directly available.

Activities completed in FY2014:

- **Fort Lauderdale Office of the Florida Water Science Center (USGS) – Groundwater Core Network.** Collected groundwater level data in the surficial and intermediate aquifer systems (in the LWC, LEC, and UEC) and continued recorder maintenance. This is an ongoing effort and all data are archived in the USGS database
- **Orlando Office of the Florida Water Science Center (USGS) – Groundwater Monitoring:** Continued ongoing water level monitoring in the surficial, intermediate, and Floridan aquifer systems; Kissimmee Basin Floridan water quality monitoring, data analysis, data validation, and archiving data in the USGS database
- **Groundwater Level Monitoring:** Continued ongoing monitoring of groundwater levels in all planning areas of the District within the surficial, intermediate, and Floridan aquifer systems and performed recorder maintenance at all locations. Data were collected, analyzed, quality-controlled, and archived in DBHYDRO
- **Regional Floridan Groundwater Monitoring:** Continued ongoing water quality monitoring at 20 of 60 Floridan aquifer well sites (all wells sampled and analyzed once every three years) throughout the SFWMD, including data collection, analysis and validation, and archival in DBHYDRO
- **Hydrogeologic Data Archiving:** Uploaded backlogged data and conducted miscellaneous database corrections
- **Monthly Groundwater Level Measurements:** Continued ongoing water level monitoring at select sites, including data collection, analysis, and validation for the Hydrologic Online Well Data Inventory (HOWDI) wells. Data were archived in DBHYDRO
- **Floridan Aquifer Well Monitoring Equipment Maintenance:** Continued ongoing water level monitoring and maintenance at select Floridan aquifer well sites, including data collection, analysis and validation, and archival in DBHYDRO, as well as data logger maintenance
- **Emergency Wellhead Repairs:** Wellhead repairs were conducted on District owned monitoring wells that are under artesian pressure and were in danger of flowing unexpectedly onto land surface. As an ongoing effort, sites were rehabilitated according to a prioritized list
- **Parts and Supplies – Field Equipment:** Funds were expended for the maintenance of existing data loggers, sondes, pumps, and gauges
- **Isotope Data Interpretation:** Funds were expended to obtain expert interpretations of isotope water quality data for age dating and characterization of fluid movement into groundwater resources in Central Florida
- **Saltwater Intrusion Maps.** Staff compiled chloride concentrations from wells in District regulatory, DBHYDRO, and USGS databases and prepared maps displaying the estimated location of the 250 mg/L isochlor, which indicates the position of the saltwater interface in the surficial aquifer system along the coastal counties in SFWMD

Activities proposed for FY2015:

- **Fort Lauderdale Office of the Florida Water Science Center (USGS) – Groundwater Core Network.** Continue ongoing water level monitoring in the surficial, intermediate, and Floridan aquifer systems; recorder maintenance and archiving data in the USGS database (DF01; \$313,002)

- **Orlando Office of the Florida Water Science Center (USGS) – Groundwater Monitoring:** Continue ongoing water level monitoring in the surficial, intermediate, and Floridan aquifer systems; Kissimmee Basin Floridan water quality monitoring, data analysis, data validation, and data archival in the USGS database (DF01; \$95,380)
- **Groundwater Level Monitoring:** Continue ongoing monitoring of groundwater levels in all planning areas of the District within the surficial, intermediate, and Floridan aquifer systems and perform recorder maintenance at all locations. Data will be collected, analyzed, quality-controlled, and archived in DBHYDRO. (DF01; staff resources only)
- **Regional Floridan Groundwater Monitoring:** Continue ongoing water quality monitoring at the next 20 of 60 Floridan aquifer well sites throughout the SFWMD, including data collection, analysis and validation, and archival in DBHYDRO (DF01; staff resources only)
- **Hydrogeologic Data Archiving:** Continue uploading backlogged data and conduct miscellaneous database corrections (DF01; \$15,000)
- **Monthly Groundwater Level Measurements:** Continue ongoing water level monitoring at select sites, including data collection, analysis and validation for the Hydrologic Online Well Data Inventory (HOWDI) wells, as well as archiving data in DBHYDRO (DF01; \$14,400)
- **Floridan Aquifer Well Monitoring Equipment Maintenance:** Continue ongoing water level monitoring and maintenance at select Floridan aquifer well sites, including data collection, analysis and validation, and archival in DBHYDRO, in addition to data logger maintenance (DF01; \$48,390)
- **Emergency Wellhead Repairs:** These funds are provided for emergency wellhead repairs in case artesian wells begin flowing unexpectedly onto land surface. If no emergency occurs, than funds are expended to repair wellheads according to a prioritized list (DF01; \$50,000)
- **Parts and Supplies – Field Equipment:** These funds are allocated for the maintenance of existing data loggers, sondes, pumps, and gauges (DF01; \$25,000)
- **Isotope Data Interpretation:** Funds are allocated to retain university and consultant experts to interpret isotope water quality data for age-dating and characterization of fluid movement into groundwater resources (DF06; \$50,000)

Estimated completion date: These are ongoing projects

Funding sources: SFWMD and USGS

Cost per thousand gallons: Project is not designed to make water directly available

Proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	1,329 ¹	1,330 ²	1,330 ²	1,330 ²	1,330 ²	6,649

¹ \$611K contractual costs, \$715K FTEs and \$3K training & conferences (budget line item 18205)

² \$615K contractual costs and \$715K FTEs

Groundwater Modeling (DF02, DF07)

The Water Supply Bureau is currently undertaking or has completed a number of groundwater modeling efforts that are described below. In FY2015, contractual funds are allocated to conduct peer review of a revised Lower West Coast Surficial/Intermediate Aquifer System Model (DF02; \$75,000). All other modeling work is expected to be performed by District

staff. There are three significant groundwater modeling initiatives underway or recently completed: Lower West Coast Floridan Aquifer Model, Lower West Coast Surficial/Intermediate Aquifer Systems Model (LWCSIM), and the East Coast Floridan Aquifer System Model (ECFM).

Lower West Coast Floridan Aquifer Model

The District's Lower West Coast Floridan Aquifer Model, which used the SEAWAT-2005 computer code, is now available to be used for predictive scenarios in support of future water supply planning efforts. The Lower West Coast Floridan Aquifer Model will be used to support development of the 2017 Update to the LWC Water Supply Plan.

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water available, but to evaluate potential future sources of water and their impacts

Activities completed in FY2014: No activity occurred in FY2014

Activities proposed for FY2015: Though no activity is proposed for FY2015, development of input data sets and performance measures in preparation of modeling will be initiated in FY2016 and model simulations will be conducted in FY2016 and 2017

Estimated completion date: FY2017

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water directly available

Lower West Coast Surficial/Intermediate Aquifer Systems Model (LWCSIM)

The Lower West Coast Surficial Aquifer System model (LWCSAS) was completed in 2006 and has been used sparingly to evaluate specific consumptive user permits but has not been used for planning purposes. The SFWMD intends to (1) develop an updated, calibrated model covering both the surficial and intermediate aquifer systems for the LWCSIM; (2) prepare model documentation of the updated model; (3) convene an independent peer review of the model and (4) incorporate peer review comments and finalize the model and documentation (DF02; \$75,000).

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water available, but to evaluate potential future sources of water and their impacts

Activities completed in FY2014: Prepared final hydrostratigraphic surfaces and documentation, compiled aquifer parameters, and developed conceptual model

Activities proposed for FY2015: The updated LWCSIM will be developed, calibrated, documented, and peer review will be initiated

Estimated completion date: FY2016

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water directly available

East Coast Floridan Aquifer System Model (ECFM)

In June 2011, three independent groundwater modeling experts released their technical report reviewing the District's Phase II East Coast Floridan Aquifer Model, which used the USGS's

SEAWAT-2005 computer code. The District began incorporating the panel's recommendations in FY2012.

Implementing entity: SFWMD

Estimate of quantity of water produced by project: Project is not designed to make water available, but to evaluate potential future sources of water and their impacts

Activities completed in FY2014: The District completed final steady state model, transient density dependent model, and model documentation. Application of the model was initiated in the UEC

Activities proposed for FY2015: The ECFM will be used to support development of the update to the Upper East Coast Water Supply Plan

Estimated completion date: N/A

Funding source: SFWMD

Cost per thousand gallons: Project is not designed to make water directly available

Total for Groundwater Modeling proposed expenditures:

Cost	FY2015	FY2016	FY2017	FY2018	FY2019	Total
(\$ in thousands)	838 ¹	840 ²	840 ²	840 ²	840 ²	4,198

¹ \$75K contractual costs and \$528K FTEs (DF02), \$235K FTEs (DF07)

² \$75K contractual costs and \$765K FTEs

PROGRAM SUPPORT (DZ)

No water resource development efforts are currently planned for the Program Support element.

SUMMARY

The water resource development projects and related funding detailed in this document reflect the District's continuing commitment to ensure that adequate resources are available to meet both existing and future beneficial needs. The funding allocation for FY2015 is approximately \$3 million more than the funding allocation for FY2014 and the projected funding for FY2016–FY2019 is approximately \$25.1 million more than what was projected for FY2014–FY2018 in the FY2014 report.

MEMORANDUM

TO: Governing Board Members

FROM: Terrie Bates, Director, Water Resources Division

DATE: October 09, 2014

SUBJECT: Memorandum of Agreement for Ocean Research and Conservation Association, Inc. (ORCA)

Summary

The Ocean Research and Conservation Association (ORCA) is conducting a research project identifying contaminants and sources of contaminants in the C-24 Canal located in St. Lucie County, Florida. This Memorandum of Agreement (MOA) facilitates and broadens the scope of this research project by allowing ORCA to place research instruments within the Right-of-Way of the C-24 Canal. Equipment will be placed at two sites, one at the mouth of the C-24 where it enters the North Fork of the St. Lucie Estuary and a second at the delineation between agriculture and residential land use (see attached site maps). Instrumentation will not interfere with activities associated with maintaining the canal or the right of way and will not interfere with boat traffic using the study area. There is no cost to the District associated with this project.

Staff Recommendation

Staff recommends approval of this MOA.

Additional Background

The C-24 Canal is a major tributary to the St. Lucie Estuary and drains residential and agricultural lands in St. Lucie and Okeechobee Counties. In general, the C-24 Basin accounts for nearly 20% of the phosphorus load, 26% of the nitrogen load and about 35% of the freshwater inflow that enters the St. Lucie Estuary from its local watershed. Identifying the sources of nutrients and other contaminants in the C-24 canal will help managers determine how to control them, ultimately improving water quality in the downstream estuary.

Core Mission and Strategic Priorities

This MOA supports the core District mission to improve water quality and one of the major goals of the St. Lucie River Watershed Protection Plan, which is to improve water quality in the St. Lucie Estuary by meeting the Total Maximum Daily Load established by Federal Department of Environmental Protection. Staff from the Water Resources Division will implement the MOA, and results of the project will be used by staff from the Office of Everglades Policy and Coordination that oversees the St. Lucie River Watershed Protection Plan.

Funding Source

No funding source is associated with this MOA.

Staff Contact and/or Presenter

Peter Doering, x2772 pdoering@sfwmd.gov <<mailto:pdoering@sfwmd.gov>>

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1008

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a three-year no cost agreement with the Ocean Research and Conservation Association, Inc. (ORCA) authorizing placement of research instruments within the C-24 Right of Way for the purpose of identifying contaminants and sources of contaminants; providing an effective date.

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize the execution of a three-year agreement, Contract No. 4600003146, with the Ocean Research and Conservation Association, Inc., to identify contaminants and sources of contaminants in the C-24 Canal.

BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes the execution of contract number 4600003146 with the Ocean Research and Conservation Association, Inc.

Section 2. This resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED** this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

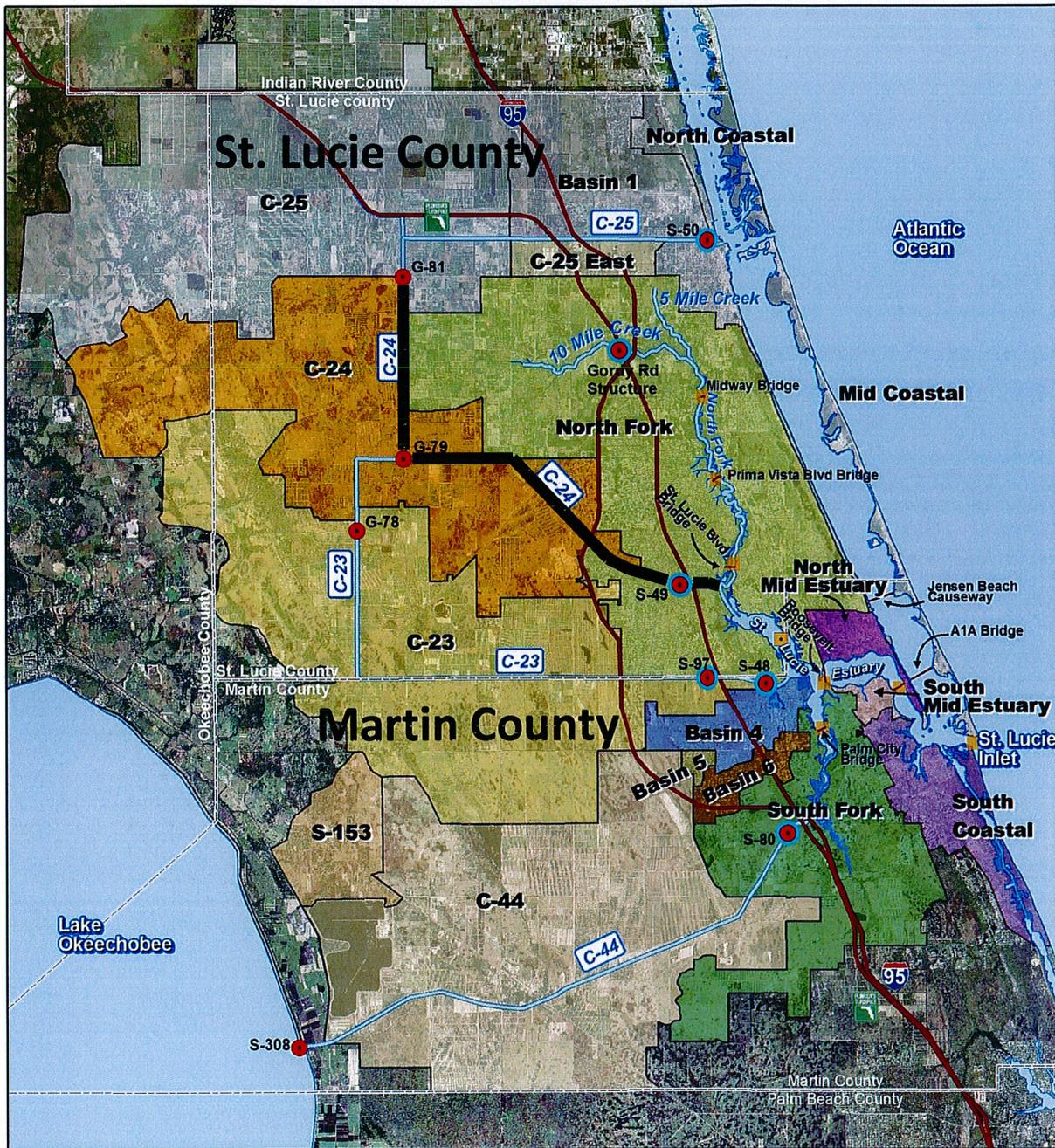
Legal form approved:

By:

District Clerk/Secretary

Office of Counsel

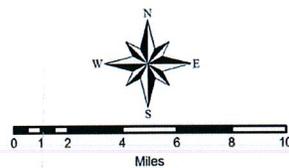
Print name:



Indian River Lagoon and St. Lucie Estuary Watersheds' Primary Basins

* C-25, Basin 1, North Coastal and Mid Coastal Drainage Basins flow directly into the Indian River Lagoon.

- SFWMD Salinity Monitoring Site
- Recover/FDEP Stage and Salinity Monitoring Sites
- SFWMD Structures
- SFWMD Structures and District Water Quality Monitoring (WQM) Sites
- SFWMD Canals



MEMORANDUM

TO: Governing Board Members

FROM: Doug Bergstrom, Director, Administrative Services Division

DATE: October 09, 2014

SUBJECT: Water Management Lands Trust Fund (WMLTF) Budget for Fiscal Year 2015

Summary

This request is for Governing Board approval of a resolution advising the Department of Environmental Protection of the District's intent to utilize Water Management Lands Trust Fund budget authority for debt service and for the Corbett Levee Improvements; authorizing the Executive Director or Designee to request reimbursement quarterly; and extending the reimbursement timeframe to include the fourth quarter of Fiscal Year 2015; providing an effective date.

Staff Recommendation

Staff recommends approval of the Resolution advising the Department of Environmental Protection of the District's intent to utilize Water Management Lands Trust Fund budget authority for debt service and the Corbett Levee Improvements; authorizing the Executive Director or Designee to request reimbursement quarterly for eligible cost reimbursement from October 1, 2014 through September 30, 2015.

Additional Background

The FY15 budget included planned FDEP reimbursements from the Water Management Lands Trust Fund of \$6,874,200 for SFWMD costs associated with Debt Service and \$3,886,897 for Corbett Levee Improvements. Pursuant to Ch. 373.59, F.S., and Chapter 62-402, Florida Administrative Code, the District is required to submit a resolution from the Governing Board to the Department of Environmental Protection which specifies the designated managing agency, specific management activities, public use, and estimated annual operating costs for lands acquired using funds from the state's Water Management Lands Trust Fund (WMLTF) as a prerequisite to seeking reimbursement from the fund. Per Ch. 373.59, also included as reimbursable from the WMLTF are costs incurred for purposes consistent with the provisions of Sections 373.709 (Regional water supply planning), 373.705 (water resource development, water supply development), 373.453 (surface water improvement and management plans and programs), 373.4592 (Everglades improvement and management), 373.4593 (Florida Bay restoration), and 373.4595 (Northern Everglades and Estuaries Protection Program), Florida Statutes, and legislatively authorized land acquisition and water restoration activities.

As these reimbursements were incorporated into the FY15 adopted budget, the authorized time period for costs incurred associated with Debt Service and Corbett Levee Improvements is October 1, 2014 through September 30, 2015.

Core Mission and Strategic Priorities

This action will secure funds for the District that will support management, maintenance, and capital improvements on lands titled to the District; land acquisition and water restoration activities; and activities consistent with the laws and regulations governing the use of the Water Management Lands Trust Fund, as described above.

Funding Source

The funding source is the state's Water Management Lands Trust Fund.

Staff Contact and/or Presenter

Candida J. Heater, Interim Bureau Chief, Budget Bureau, cheater@sfwmd.gov
<<mailto:cheater@sfwmd.gov>>, 561-682-6486

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1009

A Resolution of the Governing Board of the South Florida Water Management District advising the Department of Environmental Protection of the District's Water Management Lands Trust Fund Budget for FY15; authorizing the Executive Director or Designee to request reimbursement quarterly based on actual expenditures; providing an effective date.

WHEREAS, South Florida Water Management District has an active program underway to acquire land interests and manage land under Section 373.59, Florida Statutes; and

WHEREAS, Section 373.59(5), Florida Statutes, requires submission of a resolution of the Governing Board of the District to the Department of Environmental Protection specifying the designated managing agency, specific management activities, public use, and estimated annual operating costs for management, maintenance and capital improvements using funds from the Water Management Lands Trust Fund; and

WHEREAS, Section 373.59(11), Florida Statutes, allows the Governing Board of a water management district to request moneys from the Water Management Lands Trust Fund for purposes consistent with the provisions of s. 373.709, s. 373.705, s. 373.139, or ss. 373.451-373.4595, and for legislatively authorized land acquisition and water restoration initiatives.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT THAT:

(1) It does hereby advise the Secretary of Environmental Protection of its intent to utilize up to \$6,874,200 for debt service, and \$3,886,897 for Corbett Levee Improvements, consistent with the provisions of Sections 373.709 (Regional water supply planning), 373.705 (water resource development, water supply development), 373.453 (surface water improvement and management plans and programs), 373.4592 (Everglades improvement and management), 373.4593 (Florida Bay restoration), or

373.4595 (Northern Everglades and Estuaries Protection Program), Florida Statutes; and for legislatively authorized land acquisition and water restoration initiatives. The expenditures are as described in Exhibit "A", which is attached hereto and made a part hereof.

(2) The Executive Director of the South Florida Water Management District, or designee, is hereby authorized to request reimbursement of the funds on a quarterly basis. The quarterly request to the Department of Environmental Protection will be in invoice format for the actual expenditures incurred by the South Florida Water Management District for that preceding quarter.

(3) The management of these lands is consistent with the District's Florida Forever Work Plan adopted January 09, 2014.

(4) The funds requested shall be used only to provide management, maintenance and capital improvements for the lands titled to the District, or for purposes consistent with the provisions of s. 373.709, s. 373.705, s. 373.139, or ss. 373.451-373.4595, Florida Statutes, or for legislatively authorized land acquisition and water restoration initiatives.

(5) The proposed use of the requested moneys is consistent with Section 373.59, Florida Statutes.

(6) It hereby certifies that these moneys are needed to reimburse the District for expenditures during the District's Fiscal Year 2015 (October 1, 2014 - September 30, 2015) and that these moneys have been or will be used:

- (a) to manage and maintain the lands in an environmentally acceptable manner and, to the extent practicable, in such a way as to restore and protect their natural state and condition;
- (b) to develop management plans, which include an evaluation of the resource value, environmental sensitivity and recreational suitability of these lands;
- (c) to make available to the public those lands suitable for general public recreational purposes, unless such use is demonstrated to be incompatible with the purposes for which the lands were acquired;
- (d) for purposes consistent with the provisions of s. 373.709, s. 373.705, s. 373.139, or ss. 373.451 - 373.4595, and for legislatively authorized land

acquisition and water restoration initiatives.

- (7) The designated management agencies for these activities are:
 - a) South Florida Water Management District
 - b) Florida Fish and Wildlife Conservation Commission
 - c) Department of Environmental Protection
 - d) United States Fish and Wildlife Services

This resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED**, this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:

By:

_____ District Clerk/Secretary

_____ Office of Counsel

Print name:

Exhibit "A"
Water Management Lands Trust Fund
South Florida Water Management District
FY2015 Budget

Activity / Description	Expense Category	1st Quarter Ending 12/31/14	2nd Quarter Ending 3/31/15	3rd Quarter Ending 6/30/15	4th Quarter Ending 9/30/15	Total
Operation and Maintenance of Lands and Works						
Principal and Interest	Debt Service	6,637,100		237,100		6,874,200
Corbett Levee Improvement	Contract Services	971,724	971,724	971,724	971,725	3,886,897
Total Funds Required from the WMLTF - FY 2015						10,761,097

Attachment: WMLTF-FY15-Exhibit A-Working Original (Resolution No. 2014 - 1009 : Water Management Lands Trust Fund (WMLTF) Budget for

MEMORANDUM

TO: Governing Board Members
FROM: Doug Bergstrom, Director, Administrative Services Division
DATE: October 09, 2014
SUBJECT: SOETF

Summary

Annual Resolution advising FDEP of the District's grant balances available utilizing SOETF funding as previously authorized during legislative sessions. The District is also seeking approval to authorize the submittal of reimbursement requests to FDEP for FY15 District expenditures incurred as authorized in the annual appropriation language.

Staff Recommendation

Approval of this resolution to authorize submittal of reimbursement packages to FDEP for FY15 SOETF expenditures.

Additional Background

Section 373.472, F.S. created the Save Our Everglades Trust Fund (the "Trust Fund") within the Florida Department of Environmental Protection (the "Department"). Funds in the trust fund shall be expended to implement the comprehensive plan as defined in s. 373.470 (2); the Lake Okeechobee Watershed Protection Plan as defined in s. 373.4595 (2); the Caloosahatchee River Watershed Protection Plan as defined in s. 373.4595 (2); the St. Lucie River Watershed Protection Plan as defined in s. 373.4595 (2); the Long-Term Plan as defined in s. 373.4592 (2); and the Florida Keys Area of Critical State Concern protection program under ss. 380.05 and 380.0552 to restore and conserve natural systems through the implementation of water management projects, including wastewater management projects identified in the "Keys Wastewater Plan" dated November 2007 and submitted to the Florida House of Representatives on December 4, 2007; and to pay debt service for Everglades restoration bonds issued pursuant to s. 215.619. The trust fund shall serve as the repository for state, local, and federal project contributions in accordance with s. 373.470 (4). The South Florida Water Management District (the "District") has an active program under way to use Save Our Everglades Trust Funds under s. 373.472, F.S. Distributions from the Trust Fund shall be made in accordance with ss. 373.470(6) and 373.026(8)(b) and (c) F.S. which requires all requests for an appropriation of state funds to implement a project component to be submitted to the Department. The Executive Director, or designee, of the District will request reimbursement from the Department of the funds based on actual expenditures incurred through September 30, 2015.

The new 2014 appropriated funds for FY15 includes \$32M for Restoration Strategies, \$40M for C-44, \$15M for C-43, \$5M for C-111 South Dade, \$5M for Kissimmee and

\$2M for Picayune for total amount of \$99,000,000.

Core Mission and Strategic Priorities

This action will secure reimbursement funds for the District that support water restoration activities and activities consistent with the laws and regulations governing the use of the Save Our Everglades Trust Fund. OM&C will implement projects supporting Restoration, Lake Okeechobee and Coastal Watersheds program areas.

Funding Source

The state's Save Our Everglades Trust Fund as appropriated in 2014 and earlier Legislative Sessions.

Staff Contact and/or Presenter

Doug Bergstrom / dbergstr@sfwmd.gov <<mailto:dbergstr@sfwmd.gov>> / 561-682-6214
Candida Heater / cheater@sfwmd.gov <<mailto:cheater@sfwmd.gov>> / 561-682-6486

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1010

A Resolution of the Governing Board of the South Florida Water Management District (District) Advising the Florida Department of Environmental Protection of the FY15 Adopted and Estimated Carry Forward grant balances available utilizing funds from the Save Our Everglades Trust Fund (SOETF); authorizing the Executive Director or Designee to request reimbursement based on actual expenditures through September 30, 2015; providing an effective date.

WHEREAS, there is created within the Florida Department of Environmental Protection (hereinafter, the "Department") the Save Our Everglades Trust Fund. Funds in the trust fund shall be expended to implement the comprehensive plan as defined in s. 373.470 (2); the Lake Okeechobee Watershed Protection Plan as defined in s. 373.4595 (2); the Caloosahatchee River Watershed Protection Plan as defined in s. 373.4595 (2); the St. Lucie River Watershed Protection Plan as defined in s. 373.4595 (2); the Long-Term Plan as defined in s. 373.4592 (2); and the Florida Keys Area of Critical State Concern protection program under ss. 380.05 and 380.0552 to restore and conserve natural systems through the implementation of water management projects, including wastewater management projects identified in the "Keys Wastewater Plan" dated November 2007 and submitted to the Florida House of Representatives on December 4, 2007; and to pay debt service for Everglades restoration bonds issued pursuant to s. 215.619. The trust fund shall serve as the repository for state, local, and federal project contributions in accordance with s. 373.470 (4) Florida Statutes, and

WHEREAS, the South Florida Water Management District (hereinafter, the "District") has an active program under way to use Save Our Everglades Trust Funds under s. 373.472, Florida Statutes ; and

WHEREAS, distributions from the Save our Everglades Trust fund shall be made in accordance with s. 373.470 (6), Florida Statutes, and s. 373.026(8)(b) and (c) Florida Statutes.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT THAT:

Section 1. It does hereby advise the Secretary of the Department of its intent to utilize up to \$156,449,115 of funds from the Save Our Everglades Trust Fund. The available balances are presented in Exhibit "A", which is attached hereto and made a part hereof.

Section 2. The Executive Director of the South Florida Water Management District, or designee, is hereby authorized to request reimbursement of the funds based on actual expenditures incurred through September 30, 2015. The request to the Department will be in invoice format for the actual expenditures incurred by the South Florida Water Management District.

Section 3. The funds requested shall be used for purposes consistent with the provisions of s. 373.470 (2) (b) and s. 373.4595 Florida Statutes, or for legislatively authorized land acquisition and water restoration initiatives.

Section 4. The funds requested shall be used for purposes consistent with the provisions of s. 373.470 (6), Florida Statutes, and s. 373.026(8)(b) and (c), Florida Statutes.

Section 5. This resolution shall take effect immediately upon adoption.

PASSED and **APPROVED**, this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, BY ITS GOVERNING BOARD

By:

Chairman

Attest:

Legal form approved:

By:

District Clerk/Secretary

Office of Counsel

Print name:

Exhibit "A"
 South Florida Water Management District
 FY2014-2015 Budget
 Save Our Everglades Trust (SOETF) Fund

SOETF Appropriation Name	SFWMD SOETF Grant Number	FY15 Adopted Budget Appropriations	Estimated Carryover Encumbrances*	Total
FY 2010-2011 Appropriation	94	\$0	\$27,068	\$27,068
FY 2011-2012 Appropriation	99	\$6,131,930	\$0	\$6,131,930
FY 2012-2013 Appropriation	101	\$0	\$1,166,687	\$1,166,687
FY 2013-2014 Appropriation	108	\$27,261,737	\$22,861,693	\$50,123,430
FY 2014-2015 Appropriation	112	\$99,000,000	\$0	\$99,000,000
Total		\$132,393,667	\$24,055,448	\$156,449,115

*Note: Encumbrances are estimated as of September 23, 2014

MEMORANDUM

TO: Governing Board Members

FROM: Doug Bergstrom, Director, Administrative Services Division

DATE: October 09, 2014

SUBJECT: CERP Water Quality Studies Reimbursement

Summary

Section 373.472, F.S. created the Save Our Everglades Trust Fund (the "Trust Fund") within the Florida Department of Environmental Protection (the "Department"). Funds in the Trust Fund shall be expended to implement the comprehensive plan as defined in s. 373.470(2)(b) F.S. The Governing Board of the South Florida Water Management District (the "District") approved Resolution Number 2012-302 authorizing the execution of a ten year agreement with the Department for Implementation of CERP Water Quality Studies. The agreement contains the Disbursement Procedure for CERP Water Quality Studies and requires a formal resolution adopted by the Governing Board of the District. This resolution authorizes the District to seek reimbursement for expenditures supporting the CERP Water Quality Studies Annual Work Plan for Fiscal Year 2015.

Staff Recommendation

Staff recommends approval of the Resolution authorizing the District to submit reimbursement requests to the Florida Department of Environmental Protection for implementation of Comprehensive Everglades Restoration Plan Water Quality Studies using Save Our Everglades Trust Funds for costs incurred during the period October 1, 2014 through September 30, 2015.

Core Mission and Strategic Priorities

Funds received from the state's Save Our Everglades Trust Fund will support Water Resource projects for the Restoration program area. This agenda item will secure reimbursement for Implementation of CERP Water Quality Studies consistent with the laws and regulations governing the use of the Save Our Everglades Trust Fund as described above.

Funding Source

The funding source is the Florida Department of Environmental Protection, Save Our Everglades Trust Fund.

Staff Contact and/or Presenter

Candida J. Heater, Interim Bureau Chief, Budget Bureau, cheater@sfwmd.gov
<<mailto:cheater@sfwmd.gov>>, 561-682-6486

If you have any questions, please do not hesitate to call me at ext. 6486.

CJH/kb
Attachment - Resolution

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1011

A Resolution of the Governing Board of the South Florida Water Management District, authorizing the Executive Director or Designee to submit reimbursement requests to the Florida Department of Environmental Protection for implementation of Comprehensive Everglades Restoration Plan Water Quality Studies using Save Our Everglades Trust Funds; providing an effective date.

WHEREAS, the Governing Board of the South Florida Water Management District (hereinafter, the "District") approved Resolution 2012-302, March 15, 2012, authorizing the District to enter into a cooperative agreement with the Florida Department of Environmental Protection (hereinafter, the "Department") for implementation of Comprehensive Everglades Restoration Plan (CERP) Water Quality Studies using Save Our Everglades Trust Funds; and

WHEREAS, on April 26, 2012, the District and the Department executed the Cooperative Agreement (SFWMD Contract No. 4600002608) for CERP Water Quality Studies using Save Our Everglades Trust Funds, and

WHEREAS, consistent with the applicable appropriations language and in accordance with the procedures set forth in the executed cooperative agreement, the Department shall disburse to the District Save Our Everglades Trust Fund monies.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT THAT:

Section 1. The Executive Director of the South Florida Water Management District or designee is hereby authorized to request reimbursement of funds based on actual expenditures incurred through implementation of Comprehensive Everglades Restoration Plan Water Quality Studies.

Section 2. The reimbursement request to the Department will be in invoice format for

the actual expenditures incurred by the South Florida Water Management District as described in the executed agreement.

Section 3. This resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED**, this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT
DISTRICT, BY ITS GOVERNING BOARD
By:

Chairman

Attest:

Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

MEMORANDUM

TO: Governing Board Members

FROM: Doug Bergstrom, Director, Administrative Services Division

DATE: October 09, 2014

SUBJECT: Request reimbursement and agreement with FDEP

Summary

Through the Conference Report on the General Appropriations Act FY2014/2015, Appropriation 1622A, the Florida Legislature appropriated a total of \$8,769,525 from the General Revenue Fund to the South Florida Water Management District for the C-43 Reservoir, Dispersed Water Management, and Operations Support.

Staff Recommendation

Staff recommends approval of the Resolution authorizing the District to enter into three reimbursement grant agreements with the Florida Department of Environmental Protection and authorizing the Executive Director or Designee to submit reimbursement requests in the amount of \$8,769,525, for the C-43 Reservoir, Dispersed Water Management, and Operations Support, using General Revenue Funds.

Core Mission and Strategic Priorities

This action will secure funds for the District to support three core mission efforts, consistent with the laws and regulations governing the use of the General Revenue Fund.

The Caloosahatchee River (C-43) West Basin Storage Reservoir is a component of the Comprehensive Everglades Restoration Plan and the Caloosahatchee River Watershed Protection Plan. This project supports the District mission to restore the Northern and Southern Everglades and natural systems strategic priorities of completing and implementing key ongoing and new restoration projects, expanding and improving water storage, and implementing cost-effective solutions to improve water quality treatment, reduce nutrient loads and achieve water quality standards.

The Dispersed Water Management Program supports the District mission to restore the Northern and Southern Everglades and the natural systems strategic priority of expanding and improving water storage by implementing projects consistent with storage and water quality goals, as described in the Lake Okeechobee Protection Plan, the Caloosahatchee River Watershed Protection Plan, and the St. Lucie River Watershed Protection Plan.

Operational Support - funding will subsidize the District additional costs associated with pumping operations, water storage, and monitoring activities during heavy rainfall. These activities support the District missions of flood control, natural systems/water quality, and water supply as well as strategic priorities thereof.

Funding Source

The funding source is the Florida Department of Environmental Protection, General Revenue Fund.

Staff Contact and/or Presenter

Candida J. Heater, Interim Bureau Chief, Budget Bureau, cheater@sfwmd.gov
<<mailto:cheater@sfwmd.gov>>, 561-682-6486

If you have any questions, please do not hesitate to call me at ext. 6486.

CJH/kb

Attachment - Resolution

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2014 - 1012

A Resolution of the Governing Board of the South Florida Water Management District to authorize the Executive Director or Designee to enter into three reimbursement grant agreements with the Florida Department of Environmental Protection and authorizing the Executive Director or Designee to submit reimbursement requests in the amount of \$8,769,525, for the C-43 Reservoir, Dispersed Water Management, and Operations Support, as funded by the Florida Legislature in the General Appropriations Act for fiscal year 2014/2015, Appropriation 1622A, and for which funds are budgeted; providing an effective date.

WHEREAS, through the Conference Report on the General Appropriations Act FY2014/2015, Appropriation 1622A, the Florida Legislature appropriated a total of \$8,769,525 from the General Revenue Fund to the South Florida Water Management District for the C-43 Reservoir, Dispersed Water Management, and Operations Support; and,

WHEREAS, consistent with the appropriations language and in accordance with the procedures set forth in the associated grant agreements, the Department shall disburse to the District General Revenue Fund monies; **now therefore**

BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes the Executive Director or Designee to enter into three reimbursement grant agreements with the Florida Department of Environmental Protection in the amount of \$8,769,525, for the C-43 Reservoir, Dispersed Water Management, and Operations Support, as funded by the Florida Legislature in the General Appropriations Act for fiscal year 2014/2015, Appropriation 1622A.

Section 2. The Executive Director of the South Florida Water Management District, or designee, is hereby authorized to request reimbursement of the funds based on actual expenditures incurred. The request to the Department will be in invoice format for the actual expenditures incurred by the South Florida Water Management District.

Section 3. These funds shall be subject to the requirements of the Section 215.97 Florida Statutes (The Florida Single Audit Act) and Section 216.181 (16) (b), Florida Statutes.

Section 4. This resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED**, this 9th day of October, 2014.

SOUTH FLORIDA WATER MANAGEMENT
DISTRICT, BY ITS GOVERNING BOARD

By:

Chairman

Attest:

Legal form approved:

By:

District Clerk/Secretary

Office of Counsel

Print name:

M E M O R A N D U M

TO: Governing Board Members
FROM: Blake C. Guillory, Executive Director
DATE: October 09, 2014
SUBJECT: Year in Review

Summary

The purpose of this presentation is to highlight the major accomplishments of the agency during Fiscal Year 2014 (October 1, 2013 - September 30, 2014). Information will be provided on key achievements in carrying out the District's core mission responsibilities including business improvements and efficiencies; restoration and water quality project construction; year-round flood protection activities; increases in water storage; water supply planning for people and natural systems; and interagency coordination.

Staff Recommendation

This item is for information only; no action is required.

Staff Contact and/or Presenter

Blake Guillory, 561-682-6302

M E M O R A N D U M

TO: Governing Board Members
FROM: Dan DeLisi, Chief of Staff
DATE: October 09, 2014
SUBJECT: Restoration Strategies Construction Update

Summary

Design and construction of the treatment and storage projects in the Restoration Strategies Regional Water Quality Plan is taking place in three phases over a 12-year timeframe, with completion of all projects set for 2025. Work is underway on several components for the plan's first two phases, which are scheduled to be finished by Consent Order Milestone dates in 2016 and 2018, respectively. Projects currently under construction include the A-1 Flow Equalization Basin, L-8 Flow Equalization Basin, L-8 Divide Structure and the S-5AS Divide Structure Modifications. This presentation will provide a status update on the projects currently under construction and outline the remaining construction schedule.

Staff Recommendation

This item is for information only; no action is required.

Staff Contact

For more information contact John Mitnik at 561-682-2679.

MEMORANDUM

TO: Governing Board Members
FROM: Jeff Kivett, Division Director
DATE: October 09, 2014
SUBJECT: Bolles Canal

Summary

The District has initiated a design effort to improve the conveyance capacity of the Bolles Canal between the Hillsboro Canal and the North New River. The purpose of the overall construction project is to provide additional system flexibility to manage water within the Everglades Agricultural Area, and to provide additional flood protection for adjacent lands. This Governing Board item will provide an update as to the status of the project.

Staff Recommendation

This item is for information only; no action is required.

For more information contact John Mitnik at 561-682-2679.

M E M O R A N D U M

TO: Governing Board Members

FROM: Doug Bergstrom, Director, Administrative Services Division

DATE: October 9, 2014

SUBJECT: Monthly Financial Statement – August 2014

The attached financial status report is provided for your review. This report provides an overview of District financial activity and includes revenue collections by source and expenditures by program. Also attached is a summary in the State Program format in compliance with Chapter 373.536(4)(e) F.S., requiring each District to provide a monthly financial statement in the form and manner prescribed by the Department of Financial Services to the District's Governing Board and make such monthly financial statement available for public access on its website. This unaudited financial statement is provided as of August 31, 2014, with 91.7% of the fiscal year completed.

Schedule of Sources and Uses – This financial statement compares revenues received and encumbrances/expenditures made against the District's FY14 \$719.9 million consumable budget. Encumbrances represent orders for goods and services which have not yet been received.

- With the fiscal year 91.7% complete, 98.3% of the District's budgeted operating revenue (excludes fund balance) has been collected. The primary source of operating revenue received to date is taxes. Ad Valorem taxes comprise 64.0% of the budgeted operating revenues and drive collections based on the annual cycle of the property tax bill. The remaining revenue source is fund balance which represents the amount of prior year residual revenue that is budgeted in the current year and has already been received. Total FY14 sources collected were 99% of budget or \$712.7 million.
- 100.7% of budgeted Ad Valorem tax revenue and 101.2% of Agricultural Privilege tax revenue have been collected to date. Ad Valorem and Agricultural Privilege tax collections peak November through January driven by the mailing of property tax bills in October and the 4.0% maximum discount available when paid in full by November 30. These taxes are budgeted at a discounted rate of 95.0% to allow for the discounts property owners may take advantage of through early payment options. Historical ad valorem trends for the past five years through August average a collection rate of 98.9%.
- There is \$9.1 million in budgeted intergovernmental revenue in ad valorem funds, which includes \$4.4 million in Alligator Alley toll revenue, \$2.8 million in WMLTF for moving water south, \$1.6 million in USACE reimbursements, and \$304K in DEP reimbursements for aquatic plant control activities. Actual revenues earned as of the end of August amount to \$9.8 million.
- There is \$93.0 million in budgeted intergovernmental revenue in dedicated funds, comprised of \$74.8 million in SOETF reimbursements, \$5.0 million in reimbursements from the Florida Fish and Wildlife Conservation Commission (FWC) for aquatic/invasive

plant control and \$15K for Model Lands, \$6.9 million in WMLTF reimbursements for debt service expenses related to bonds and \$4.0 million for the Corbett Levee, reimbursement of federal revenues of \$538K for St. Lucie Watershed Water Farming and \$375K for Tropical Storm Isaac repairs, \$240K from Indian River Lagoon and Everglades License Tag proceeds, and \$175K reimbursement from FDEP for water quality studies. FY14 actual revenue to date amounts to \$60.9 million. Reimbursement requests are submitted to the state based on actual expenses incurred and are typically received later in the fiscal year.

- The District budgeted \$2.9 million in investment earnings in ad valorem funds for FY14. Total revenue to date is \$5.5 million or 192.4% of budgeted Investment Earnings; \$4.1 million or 144.7% of investment earnings in ad valorem funds and \$1.4 million in dedicated funds.
- Lease revenue represents amounts collected from leases of real property owned by the District. The timing of revenue received is based on the fee schedules within the agreements – monthly, semi-annual, or annual payments – and these varying timing issues impact the collection rate. The District has received \$4 million which represents 133.2% of the \$3 million budgeted lease revenue. The use of lease revenue collected for lands purchased with State or Federal funds is restricted based on the guidelines in the acquisition or grant.
- There is \$3.9 million in budgeted permit fee revenue, which includes water use permits (\$549K), right of way permits (\$68K), Environmental Resource Permit (ERP) application fees (\$1.5 million), and wetland mitigation fees for C-139 Annex Restoration (\$1.8 million). FY14 revenue of \$23.8 million received includes \$900K from water use permits, \$2.6 million from ERP Application Fees, \$17.9 million in unbudgeted revenues from Lake Belt Mitigation fees, \$2.3 million from Loxahatchee Wetland Mitigation and \$100K from other applications and fees.
- Budgeted revenue in the Other category includes \$210K in civil penalties and enforcement fees and \$251K in miscellaneous revenues such as cash discounts, insurance reimbursements, refunds for prior year expenditures, and sale of recycled oil and scrap metal. Fiscal year collections amount to \$1.8 million at the end of August, representing 395% of the budgeted \$461K. \$1.1 million of the amount received was a refund of prior year expenditures from Florida League of Cities.
- Sale of District Property represents the sale of real property and land. This is budgeted conservatively at \$250K due to the uncertainty involved. FY14 revenues received total \$419K.
- Self-insurance premiums represent the District's contribution and the contribution from active and retired District employees to the self-funded health benefits program. Also included is the District's contribution to the workers compensation, auto and general liability self-insurance program. Contributions of \$27 million received through August equate to 90.6% of the \$29.8 million budget.

Expenditure and Encumbrance Status:

As of August 31, 2014, with 91.7% of the year complete, the District has expended **\$407.6 million or 71.9%** and has encumbered **\$120.1 million or 21.2%** of its non-reserve budget. The District has obligated (encumbrances plus expenditures) **\$527.7 million or 93.0%** of its non-reserve budget.

Summary of Expenditures and Encumbrances by Program – This financial statement illustrates the effort to date for each of the District's program areas. Provided below is a discussion of the primary uses of funds by program.

- The **Comprehensive Everglades Restoration Plan Program** has obligated 92.2% and expended 56.5% of their \$105.5 million budget. Principal expenditures include personnel services (\$4.9 million), contractual services (\$10.7 million), operating (\$537K), and capital outlay (\$43.5 million). Capital outlay encumbrances (\$33.3 million) and contractual services encumbrances (\$4.3 million) include the following projects: C-43 Basin Storage Reservoir, Southern CREW, Biscayne Bay Coastal Wetlands, C-111 Spreader Canal, L-8 Flow Equalization Basin, C-44 Reservoir/STA Project, Loxahatchee Impoundment Landscape Assessment, Picayune Strand, WCA3 Decompartmentalization and Sheetflow Equalization, Lake Okeechobee Water Retention – Nubbin Slough, CERP Monitoring and Assessment, Modified Water Deliveries & South Dade C-111 Project, CERP Water Quality Study, and CERP Data Management.
- The **Coastal Watersheds Program** has obligated 94.5% and expended 66.1% of their total \$16.0 million budget. Principal expenditures include personnel services (\$3.0 million), contractual services (\$5.1 million), and capital outlay (\$2.4 million). Contractual services encumbrances primarily consist of regional projects (\$3.3 million) including: St. Lucie River and Indian River Lagoon Initiatives, Indian River Lagoon License Tag projects, Loxahatchee River Preservation Initiative, Lakes Park Restoration, Spanish Creek/Four Corners Initiative, Mirror Lakes/Halfway Pond Rehydration, Village of El Portal Stormwater project, and Big Cypress Basin Stormwater Projects; remaining contractual encumbrances (\$952K) include: St. Lucie and Caloosahatchee River Watersheds nutrient study; water quality monitoring in St. Lucie River, Indian River Lagoon, Loxahatchee River, and Caloosahatchee River; water quality monitoring, modeling, nutrient, ecological, and hydrological studies for the Florida Bay and Coastal Wetlands Project; Biscayne Bay water quality and submerged aquatic monitoring; Lake Trafford monitoring; public process to develop a restoration vision of the Caloosahatchee River and Estuary; hydro model for Naples and Rookery Bay, Naples Bay salinity data collection, and Collier County water quality monitoring. Capital outlay encumbrances (\$334K) are for the Lake Hicpochee Hydrologic Enhancement project.
- The **District Everglades Program** has obligated 89.7% and expended 63.4% of their total \$96.1 million budget. Principal expenditures include personnel services (\$16.5 million), contractual services (\$4.7 million), operating (\$6.3 million), and capital outlay (\$33.4 million). Contractual services encumbrances (\$2.1 million) primarily include the operations monitoring, maintenance, and repair of Stormwater Treatment Areas (STA), Lainhart & Masten Dam project, NAVD88/Vertical Datum work for the STA's, Restoration Strategies Science Plan projects, STA 1W Expansion and the Everglades Regulation Source Control. Operating encumbrances (\$629K) are in support of the overall operations

and the maintenance of the STA's. Capital outlay encumbrances (\$22.5 million) include work on Everglades Agricultural Area A1 Flow Equalization Basin, STA 1W Expansion, and Restoration Strategies Science Plan projects.

- The **Kissimmee Watershed Program** has obligated 96.4% and expended 15.8% of their total \$17.3 million budget. Principal expenditures include personnel services (\$1.6 million), contractual services (\$636K), and operating (\$452K). Contractual services and operating encumbrances (\$503K) primarily consist of Kissimmee River Restoration Evaluation (\$71K), Kissimmee Basin Modeling and Operating System (\$21K), the Oak Creek project (\$43K), the Rolling Meadows project (\$15K), hydrologic monitoring (\$48K), Orange County Area Stormwater Improvements (\$281K), land acquisition related costs, environmental risk assessments, equipment maintenance/repair, engineering services, and electrical services (\$25K). Capital outlay encumbrances (\$13.4 million) are primarily for the Kissimmee River Restoration land acquisition and associated costs.
- The **Lake Okeechobee Program** has obligated 88.1% and expended 64.4% of their total \$19.6 million budget. Principal expenditures include personnel services (\$3.4 million), contractual services (\$8.3 million), operating (\$229K), and capital outlay (\$678K). Contractual services and operating encumbrances (\$4.1 million) primarily consist of Dispersed Water Management (DWM) and Florida Ranchland Environmental Services Projects (\$2.8 million), Northshore Navigation Canal project (\$1.1 million), Lake Okeechobee Watershed Pre-Drainage Characterization study (\$76K), Lake Istokpoga Marsh project (\$19K), water quality assessments and reporting (\$60K), utilities (\$14K), and computer hardware/software maintenance and support (\$28K). Capital outlay encumbrances for DWM projects (\$521K) are primarily for pump stations for DWM temporary storage opportunities.
- The **Land Stewardship Program** has obligated 88.4% and expended 69.6% of their total \$18.4 million budget. Principal expenditures include personnel services (\$3.9 million), contractual services (\$6.5 million), operating (\$1.6 million), and capital outlay (\$818K). Contractual services and operating encumbrances (\$2.9 million) include the maintenance of vegetation and exotic plant control, work on the C-139 Annex Mitigation project, provision of law enforcement services, and management of District owned lands and facilities. Capital outlay encumbrances (\$565K) include work on the C-139 Annex Mitigation project.
- The **Mission Support Program** has obligated 97.8% and expended 91.9% of their total \$45.4 million budget. Principal expenditures include personnel services (\$19.6 million), contractual services (\$5.7 million), operating (\$14.9 million), and capital (\$1.3 million). Contractual services encumbrances (\$1.7 million) include audit services, legal and technical support services, IT consulting services, hardware/software systems maintenance, and facilities maintenance and repair services. Operating encumbrances (\$628K) include utilities and advertising. Capital outlay encumbrances (\$312K) include design, construction, and inspection work to upgrade the chiller system to provide redundant cooling capacity for the IT data center located within the Emergency Operations Center, computer hardware components, vehicles, and equipment.
- The **Modeling and Science Support Program** has obligated 94.7% and expended 90.1% of their total \$13.2 million budget. Principal expenditures include personnel

services (\$9.4 million), contractual services (\$1.8 million), operating (\$565K), and capital outlay (\$139K). Contractual services and operating encumbrances (\$607K) include water quality sampling, field equipment maintenance, technical assistance and peer reviews, computer hardware/software maintenance and consulting, and utilities.

- The **Operations and Maintenance Program** has obligated 93.3% and expended 77.7% of their total \$150.2 million budget. Principal expenditures include personnel services (\$48.3 million), contractual services (\$22.0 million), operating (\$26.4 million), and capital outlay (\$19.8 million). Encumbrances for contractual services and capital outlay (\$22.5 million) primarily relate to the O&M capital program for maintenance and repair of existing water management system canals and water control structures including, Miami B-47 Building Replacement, Diesel Oxidation Catalyst Installation, Corbett Levee project, C-4 Canal Bank Improvements, S-5A Hardening and Service Bridge Refurbishment, C-100A Canal Bank Repairs, BCB Field Station Design/Build, Miller Weir #3, Hillsboro Canal Bank Repairs, S-9 Access Bridge Replacement, S-6 Tower Replacement, C-41A NRCS project, North Shore Trash Rake Project, S-13 Repower and Automation, G-94 A-D Refurbishment and Repairs, S-150 Replacement and Automation, G-151 Structure Replacement and NAVD88 Vertical Datum Upgrades. Operating encumbrances (\$1.0 million) are primarily associated with field station daily operations and maintenance including vegetation and exotic plant control for the Central and Southern Flood Control system.
- The **Regulation Program** has obligated 91.5% and expended 90.2% of their total \$22.4 million budget. Principal expenditures include personnel services (\$15.2 million), contractual services (\$1.3 million), operating (\$3.4 million), and capital outlay (\$329K). Contractual services and operating encumbrances (\$228K) include application development, permit scanning contractors/support, computer hardware/software, and advertising services. Capital outlay encumbrances (\$50K) consist primarily of the ePermitting enhancement project which saves time and expenses with online filing/searching of permits.
- The **Water Supply Program** has obligated 92.1% and expended 75.1% of their total \$21.0 million budget. Principal expenditures include personnel services (\$5.2 million), contractual services (\$2.1 million), operating (\$8.4 million), and capital outlay (\$38K). Contractual services and operating encumbrances (\$3.6 million) include the MFL Water Reservation Rules Status (\$45K), Central Florida Water Initiative (\$156K), WaterSIP grants (\$112K), Lower Floridan Aquifer (\$10K), interagency agreements for Alternative Water Supply projects (\$186K), Big Cypress Basin (\$2.8 million), Mobile Irrigation Lab (\$14K), hydrologic data gathering and analysis (\$174K), Water Supply Plan implementation (\$25K), and Outreach and Education (\$13K).
- **Debt Service** expenses amount to the total \$42.1 million budget. Debt service principal and interest payments include Land Acquisition Bonds issued through the Water Management Lands Trust Fund and Certificates of Participation. Scheduled debt service payments are structured into a single principal payment and partial payment of interest in October and the balance of interest in April.
- **Reserves** of \$152.6 million are held for future transfer to program areas as project needs and requirements are identified by staff and presented to the Governing Board for review.

Governing Board Members
October 9, 2014
Page 6

Sixty million dollars (\$60.0 million) of these reserves are designated as economic stabilization reserves, including \$10.0 million for O&M capital projects. Remaining managerial reserves include \$1.8 million in cost savings, \$90.7 million in FY14 funds intended for FY15 re-budget, and \$102K from District programs were transferred to emergency reserves to respond to District fuel and electric demands in support of pumping operations.

We hope these reports and the associated narrative will aid in understanding the District's financial condition as well as expenditure performance against the approved budget. If you have any questions, please feel free to contact Candida Heater at (561) 682-6486.

DB/CJH
Attachment

South Florida Water Management District
Statement of Sources and Uses of Funds (Unaudited)
 For the month ended: August 31, 2014. Percent of fiscal year completed: 91.7%

SOURCES	ANNUAL BUDGET	ACTUALS		ACTUALS AS A
		THROUGH 08/31/2014	VARIANCE (UNDER) / OVER BUDGET	
Ad Valorem Property Taxes	\$ 266,557,178	\$ 268,532,020	\$ 1,974,842	100.7%
Agricultural Privilege Taxes	11,300,000	11,439,704	139,704	101.2%
Intergovernmental - Ad Valorem Funds	9,136,087	9,767,112	631,025	106.9%
Intergovernmental - Non Ad Valorem Funds	93,026,091	60,887,448	(32,138,643)	65.5%
Intergovernmental Total	102,162,178	70,654,560	(31,507,618)	69.2%
Investment Earnings - Ad Valorem Funds	2,870,000	4,153,854	1,283,854	144.7%
Investment Earnings - Non Ad Valorem Funds	-	1,367,716	1,367,716	-
Investment Earnings Total	2,870,000	5,521,569	2,651,569	192.4%
Leases	3,041,656	4,050,406	1,008,750	133.2%
Permit Fees/Miscellaneous Fees	2,110,999	5,832,620	3,721,621	276.3%
Mitigation Fees - Lake Belt & Wetlands	1,801,117	17,923,697	16,122,580	995.1%
Licenses, Permits and Fees Total	3,912,116	23,756,317	19,844,201	607.2%
Other	461,200	1,821,685	1,360,485	395.0%
Sale of District Property	250,000	419,086	169,086	167.6%
Self Insurance Premiums	29,799,913	27,006,017	(2,793,896)	90.6%
SUB-TOTAL OPERATING REVENUES	420,354,241	413,201,364	(7,152,877)	98.3%
Fund Balance	299,542,283	299,542,283	-	100.0%
TOTAL SOURCES	\$ 719,896,524	\$ 712,743,647	\$ (7,152,877)	99.0%

USES	ANNUAL BUDGET	EXPENDITURES	ENCUMBRANCES ¹	REPORTED AVAILABLE BUDGET	% EXPENDED	% ENCUMBERED	% OBLIGATED ²
Coastal Watersheds	16,078,105	10,623,432	4,569,118	885,555	66.1%	28.4%	94.5%
District Everglades	96,139,168	60,928,585	25,260,662	9,949,921	63.4%	26.3%	89.7%
Kissimmee Watershed	17,298,025	2,731,296	13,942,027	624,702	15.8%	80.6%	96.4%
Lake Okeechobee	19,584,020	12,607,604	4,655,077	2,321,340	64.4%	23.8%	88.1%
Land Stewardship	18,371,034	12,781,731	3,449,443	2,139,860	69.6%	18.8%	88.4%
Mission Support	45,385,409	41,730,569	2,654,667	1,000,173	91.9%	5.8%	97.8%
Modeling & Sci Supp	13,243,908	11,928,328	611,269	704,310	90.1%	4.6%	94.7%
Ops & Maintenance	150,226,800	116,677,629	23,434,868	10,114,303	77.7%	15.6%	93.3%
Regulation	22,367,808	20,178,973	281,232	1,907,604	90.2%	1.3%	91.5%
Water Supply	20,959,710	15,735,748	3,577,346	1,646,616	75.1%	17.1%	92.1%
Debt Service	42,074,439	42,074,438	-	1	100.0%	0.0%	100.0%
SUB-TOTAL NON-RESERVES USES	567,246,332	407,589,787	120,141,029	39,515,515	71.9%	21.2%	93.0%
Reserves	\$ 152,650,192	\$ -	\$ -	152,650,192	0.0%	0.0%	0.0%
TOTAL USES	\$ 719,896,524	\$ 407,589,787	\$ 120,141,029	\$ 192,165,708	56.6%	16.7%	73.3%

¹ Represents unexpended balances of open purchase orders

² Represents the sum of expenditures and encumbrances as a percentage of the annual budget

South Florida Water Management District
Statement of Sources and Uses of Funds (Unaudited)
 For the month ended: August 31, 2014. Percent of fiscal year completed: 91.7%

	CURRENT BUDGET	ACTUALS THROUGH 08/31/2014	VARIANCE (UNDER) / OVER BUDGET	ACTUALS AS A % OF BUDGET
Sources				
Taxes ¹	\$ 277,857,178	\$ 279,971,723	\$ 2,114,545	100.76%
Intergovernmental Revenues	102,162,178	70,654,560	(31,507,618)	69.16%
Interest on Invested Funds	2,870,000	5,521,569	2,651,569	192.4%
License and Permit Fees	3,912,116	23,756,317	19,844,201	607.2%
Other ²	33,552,769	33,297,194	(255,575)	99.2%
Fund Balance	299,542,283	299,542,283	-	100.0%
Total Sources	\$ 719,896,524	\$ 712,743,647	\$ (7,152,877)	99.0%

¹ Includes Ad Valorem and Agricultural Privilege Taxes

² Includes Leases, Sale of District Property, and Self Insurance Premiums

	CURRENT BUDGET	EXPENDITURES	ENCUMBRANCES ³	AVAILABLE BUDGET	% EXPENDED	% OBLIGATED ⁴
Uses						
Water Resources Planning and Monitoring	\$ 54,321,450	\$ 43,957,046	\$ 6,283,517	\$ 4,080,887	80.9%	92.5%
Acquisition, Restoration and Public Works	331,809,533	149,773,945	82,210,993	99,824,595	45.1%	69.9%
Operation and Maintenance of Lands and Works	269,535,711	154,833,994	29,858,137	84,843,580	57.4%	68.5%
Regulation	25,802,709	22,954,733	431,972	2,416,004	89.0%	90.6%
Outreach	2,448,966	2,216,367	16,950	215,648	90.5%	91.2%
Management and Administration	35,978,156	33,853,702	1,339,460	784,994	94.1%	97.8%
Total Uses	\$ 719,896,524	\$ 407,589,787	\$ 120,141,029	\$ 192,165,708	56.6%	73.3%

³ Encumbrances represent unexpended balances of open purchase orders and contracts.

⁴ Represents the sum of expenditures and encumbrances as a percentage of the current budget.

This unaudited financial statement is prepared as of August 31, 2014, and covers the interim period since the most recent audited financial statements.

South Florida Water Management District
Statement of Sources and Uses of Funds (Unaudited)
 For the month ended: August 31, 2014. Percent of fiscal year completed: 91.7%

	Annual Budget	Expenditures	Encumbrances	Reported Available Budget	% Expended	% Encumbered	% Obligated
CERP							
Personnel Services	\$ 6,385,497	\$ 4,854,293	\$ -	\$ 1,531,204	76.0%	0.0%	76.0%
Contractual Services	15,694,380	10,702,412	4,341,948	650,019	68.2%	27.7%	95.9%
Operating	1,004,263	536,586	22,225	445,452	53.4%	2.2%	55.6%
Travel	22,582	12,875	526	9,182	57.0%	2.3%	59.3%
Capital Outlay	79,078,216	43,485,289	33,340,623	2,252,303	55.0%	42.2%	97.2%
CERP Indirect	3,332,968	-	-	3,332,968	0.0%	0.0%	0.0%
Total CERP	105,517,906	59,591,455	37,705,322	8,221,129	56.5%	35.7%	92.2%
Coastal Watersheds							
Personnel Services	3,535,126	3,021,833	-	513,293	85.5%	0.0%	85.5%
Contractual Services	9,365,288	5,075,342	4,225,523	64,422	54.2%	45.1%	99.3%
Operating	123,931	95,609	9,098	19,224	77.1%	7.3%	84.5%
Travel	27,706	17,773	-	9,933	64.1%	0.0%	64.1%
Capital Outlay	3,026,055	2,412,875	334,496	278,683	79.7%	11.1%	90.8%
Total Coastal Watersheds	16,078,105	10,623,432	4,569,118	885,555	66.1%	28.4%	94.5%
District Everglades							
Personnel Services	18,344,162	16,500,473	-	1,843,689	89.9%	0.0%	89.9%
Contractual Services	7,705,212	4,682,097	2,136,828	886,287	60.8%	27.7%	88.5%
Operating	9,112,612	6,346,554	629,161	2,136,897	69.6%	6.9%	76.6%
Travel	55,313	16,655	-	38,658	30.1%	0.0%	30.1%
Capital Outlay	60,921,868	33,382,806	22,494,672	5,044,390	54.8%	36.9%	91.7%
Total District Everglades	96,139,168	60,928,585	25,260,662	9,949,921	63.4%	26.3%	89.7%
Kissimmee Watershed							
Personnel Services	2,148,407	1,630,628	-	517,779	75.9%	0.0%	75.9%
Contractual Services	1,224,671	636,345	495,968	92,359	52.0%	40.5%	92.5%
Operating	444,993	452,015	7,311	(14,333)	101.6%	1.6%	103.2%
Travel	15,465	11,451	120	3,894	74.0%	0.8%	74.8%
Capital Outlay	13,464,489	857	13,438,628	25,004	0.0%	99.8%	99.8%
Total Kissimmee Watershed	\$ 17,298,025	\$ 2,731,296	\$ 13,942,027	\$ 624,702	15.8%	80.6%	96.4%

South Florida Water Management District
Statement of Sources and Uses of Funds (Unaudited)
 For the month ended: August 31, 2014. Percent of fiscal year completed: 91.7%

	Annual Budget	Expenditures	Encumbrances	Reported Available Budget	% Expended	% Encumbered	% Obligated
Lake Okeechobee							
Personnel Services	\$ 4,050,521	\$ 3,397,820	\$ -	\$ 652,701	83.9%	0.0%	83.9%
Contractual Services	14,051,444	8,300,803	4,118,801	1,631,840	59.1%	29.3%	88.4%
Operating	276,628	229,017	15,686	31,925	82.8%	5.7%	88.5%
Travel	7,208	2,335	-	4,873	32.4%	0.0%	32.4%
Capital Outlay	1,198,219	677,629	520,590	0	56.6%	43.4%	100.0%
Total Lake Okeechobee	19,584,020	12,607,604	4,655,077	2,321,340	64.4%	23.8%	88.1%
Land Stewardship							
Personnel Services	4,365,585	3,871,257	-	494,328	88.7%	0.0%	88.7%
Contractual Services	9,938,373	6,529,016	2,677,899	731,458	65.7%	26.9%	92.6%
Operating	2,569,811	1,556,114	206,338	807,359	60.6%	8.0%	68.6%
Travel	11,736	6,876	-	4,861	58.6%	0.0%	58.6%
Capital Outlay	1,485,528	818,468	565,206	101,854	55.1%	38.0%	93.1%
Total Land Stewardship	18,371,034	12,781,731	3,449,443	2,139,860	69.6%	18.8%	88.4%
Mission Support							
Personnel Services	21,368,692	19,559,004	-	1,809,689	91.5%	0.0%	91.5%
Contractual Services	7,959,925	5,671,755	1,707,601	580,569	71.3%	21.5%	92.7%
Operating	17,328,792	14,915,950	628,145	1,784,698	86.1%	3.6%	89.7%
Travel	316,814	257,141	6,706	52,967	81.2%	2.1%	83.3%
Capital Outlay	1,744,153	1,326,720	312,215	105,218	76.1%	17.9%	94.0%
CERP Indirect	(3,332,968)	-	-	(3,332,968)	0.0%	0.0%	0.0%
Total Mission Support	45,385,409	41,730,569	2,654,667	1,000,173	91.9%	5.8%	97.8%
Modeling & Science Support							
Personnel Services	9,996,856	9,406,035	-	590,821	94.1%	0.0%	94.1%
Contractual Services	2,422,771	1,799,809	529,308	93,654	74.3%	21.8%	96.1%
Operating	640,207	564,785	77,954	(2,533)	88.2%	12.2%	100.4%
Travel	42,818	18,207	2,244	22,367	42.5%	5.2%	47.8%
Capital Outlay	141,255	139,492	1,763	(0)	98.8%	1.2%	100.0%
Total Modeling & Science Support	\$ 13,243,908	\$ 11,928,328	\$ 611,269	\$ 704,310	90.1%	4.6%	94.7%

South Florida Water Management District
Statement of Sources and Uses of Funds (Unaudited)
 For the month ended: August 31, 2014. Percent of fiscal year completed: 91.7%

	Annual Budget	Expenditures	Encumbrances	Reported Available Budget	% Expended	% Encumbered	% Obligated
Operations & Maintenance							
Personnel Services	\$ 52,788,667	\$ 48,339,649	\$ -	\$ 4,449,018	91.6%	0.0%	91.6%
Contractual Services	32,448,189	22,004,821	9,408,144	1,035,224	67.8%	29.0%	96.8%
Operating	31,442,896	26,373,758	957,230	4,111,908	83.9%	3.0%	86.9%
Travel	165,284	112,174	12,318	40,792	67.9%	7.5%	75.3%
Capital Outlay	33,381,764	19,847,229	13,057,175	477,361	59.5%	39.1%	98.6%
Total Operations & Maintenance	150,226,800	116,677,629	23,434,868	10,114,303	77.7%	15.6%	93.3%
Regulation							
Personnel Services	16,396,425	15,152,830	-	1,243,594	92.4%	0.0%	92.4%
Contractual Services	1,634,784	1,281,360	178,003	175,421	78.4%	10.9%	89.3%
Operating	3,928,202	3,399,197	49,932	479,073	86.5%	1.3%	87.8%
Travel	29,398	16,586	3,297	9,515	56.4%	11.2%	67.6%
Capital Outlay	378,999	328,999	50,000	-	86.8%	13.2%	100.0%
Total Regulation	22,367,808	20,178,973	281,232	1,907,604	90.2%	1.3%	91.5%
Water Supply							
Personnel Services	5,768,740	5,154,765	-	613,975	89.4%	0.0%	89.4%
Contractual Services	5,698,099	2,101,005	3,569,681	27,414	36.9%	62.6%	99.5%
Operating	9,442,777	8,438,740	7,467	996,570	89.4%	0.1%	89.4%
Travel	12,239	3,383	198	8,658	27.6%	1.6%	29.3%
Capital Outlay	37,855	37,855	-	-	100.0%	0.0%	100.0%
Total Water Supply	20,959,710	15,735,748	3,577,346	1,646,616	75.1%	17.1%	92.1%
Reserves							
Reserves	152,650,192	-	-	152,650,192	0.0%	0.0%	0.0%
Total Reserves	152,650,192	-	-	152,650,192	0.0%	0.0%	0.0%
Debt Service							
Debt Service	42,074,439	42,074,438	-	1	100.0%	0.0%	100.0%
Total Debt Service	42,074,439	42,074,438	-	1	100.0%	0.0%	100.0%
Grand Total	\$ 719,896,524	\$ 407,589,787	\$ 120,141,029	\$ 192,165,708	56.6%	16.7%	73.3%

Attachment: Summary of Uses of Funds_August14 (2087 : Monthly Financial Statement - August 2014)

TABLE OF CONTENTS
INDIVIDUAL PERMITS ISSUED BY
AUTHORITY DELEGATED TO EXECUTIVE DIRECTOR
FROM September 1, 2014 TO September 30, 2014

I PERMIT APPLICATIONS	PAGE
BROWARD COUNTY	1
COLLIER COUNTY	2
HENDRY COUNTY	3
HIGHLANDS COUNTY	4
LEE COUNTY	5
MIAMI-DADE COUNTY	6
ORANGE COUNTY	7
OSCEOLA COUNTY	8
PALM BEACH COUNTY	9

1. BISHOP PROPERTY PIT
W C I COMMUNITIES
SEC 30 TWP 47S RGE 41E

APPL. NO. 140624-22
PERMIT NO. 50-01556-S
ACREAGE: 413.12
LAND USE: MINING

PERMIT TYPE: ENVIRONMENTAL RESOURCE (CONSTRUCTION/OPERATION MODIFICATION)
RECEIVING BODY: ONSITE WET RETENTION POND
LAST DATE FOR AGENCY ACTION: OCTOBER 3, 2014

1. LEE / HENDRY CTY REGIONAL SOLID WASTE DISPOSAL FAC APPL. NO. 140711-10
LEE COUNTY SOLID WASTE DIVISION PERMIT NO. 26-01163-W
SEC 4, 9, 16 TWP 45S RGE 28E ACREAGE: 1.00
LAND USE: DEWATERING

PERMIT TYPE: WATER USE EXISTING/PREVIOUSLY PERMITTED
WATER SOURCE: WATER TABLE AQUIFER
ALLOCATION: NOT REQUIRED
LAST DATE FOR AGENCY ACTION: OCTOBER 9, 2014

Attachment: IP Issued by ED September 2014 (2117 : Executive Director's Report)

1. AMELIA GROVES
CUTRALE FARMS INC
SEC 15-22,27-34 TWP 39S RGE 28E

APPL. NO. 140604-8
PERMIT NO. 28-00218-W
ACREAGE: 6378.00
LAND USE: AGRICULTURAL

PERMIT TYPE: WATER USE MODIFICATION/RENEWAL
WATER SOURCE: UPPER FLORIDAN AQUIFER, WATER TABLE AQUIFER, ON-SITE CANALS
ALLOCATION: 1027.8 MILLION GALLONS PER MONTH
LAST DATE FOR AGENCY ACTION: OCTOBER 6, 2014

Attachment: IP Issued by ED September 2014 (2117 : Executive Director's Report)

1. MAGNOLIA LANDING ADDITIONAL PARCELS
 C.F.M. C.D.D.
 SEC 2, 3, 4, 10, 11 TWP 43S RGE 24E

APPL. NO. 060718-4
 PERMIT NO. 36-01396-S-05

ACREAGE: 214.66
 LAND USE: RESIDENTIAL

PERMIT TYPE: ENVIRONMENTAL RESOURCE (CONSTRUCTION/OPERATION MODIFICATION),
 INCLUDES CONSERVATION EASEMENT TO THE DISTRICT)
 RECEIVING BODY: ONSITE WETLANDS
 LAST DATE FOR AGENCY ACTION: NOVEMBER 12, 2014

2. MAGNOLIA LANDING PHASE I I
 MAXY DEVELOPMENT GROUP HOLDINGS-C F M INCORPORATED
 SEC 3,4,5 TWP 43S RGE 24E

APPL. NO. 070703-5
 PERMIT NO. 36-05392-W

ACREAGE: 289.70
 LAND USE: GOLF COURSE
 LANDSCAPE

PERMIT TYPE: WATER USE MODIFICATION/RENEWAL
 WATER SOURCE: SANDSTONE AQUIFER, ON-SITE LAKES, LOWER HAWTHORN AQUIFER
 ALLOCATION: 50 MILLION GALLONS PER MONTH
 LAST DATE FOR AGENCY ACTION: NOVEMBER 12, 2014

1. VENETIAN POOL
CITY OF CORAL GABLES
SEC 18 TWP 54S RGE 41E

APPL. NO. 140724-9
PERMIT NO. 13-00049-W
ACREAGE: 1.48
LAND USE: INDUSTRIAL

PERMIT TYPE: WATER USE MODIFICATION
WATER SOURCE: BISCAYNE AQUIFER
ALLOCATION: 28 MILLION GALLONS PER MONTH
LAST DATE FOR AGENCY ACTION: OCTOBER 22, 2014

Attachment: IP Issued by ED September 2014 (2117 : Executive Director's Report)

1. SOUTHPORT RANCH MITIGATION BANK	APPL. NO.	140717-15
SOUTHPORT MITIGATION BANK L L C	PERMIT NO.	49-00002-M
SEC 21-23,25-27,30,31,34-36 TWP 27S RGE 29,30E	ACREAGE:	1700.00
	LAND USE:	MITIGATION

PERMIT TYPE: ENVIRONMENTAL RESOURCE (NEW VARIANCE)
RECEIVING BODY:
LAST DATE FOR AGENCY ACTION: OCTOBER 21, 2014

Attachment: IP Issued by ED September 2014 (2117 : Executive Director's Report)

1. I-95 / SPANISH RIVER BLVD INTERCHANGE (SEGMENTS 1 APPL. NO. 140828-14
 FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT PERMIT NO. 50-02713-S
 IV
 SEC 7,12,13 TWP 47S RGE 42,43E ACREAGE: 120.86
 LAND USE: HIGHWAY

PERMIT TYPE: ENVIRONMENTAL RESOURCE (CONSTRUCTION/OPERATION MODIFICATION)
 RECEIVING BODY: LWDD E-4/EL RIO CANAL
 LAST DATE FOR AGENCY ACTION: OCTOBER 27, 2014

2. ALL ABOARD FLORIDA SAFETY MAINTENANCE ACCESS (MP29 APPL. NO. 140418-12
 ALL ABOARD FLORIDA OPERATIONS L L C PERMIT NO. 13-05321-P
 SEC 3,4,9,10,15,16,21,22,28,29,32,33 TWP 43,45,46S ACREAGE: 120.00
 RGE 43E LAND USE: OTHER

PERMIT TYPE: ENVIRONMENTAL RESOURCE (NEW DEMINIMUS EXEMPTION)
 RECEIVING BODY:
 LAST DATE FOR AGENCY ACTION: OCTOBER 27, 2014

Attachment: IP Issued by ED September 2014 (2117 : Executive Director's Report)