

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
Nick Wooten, Director, Division of Resource Management

FROM: Paul Thorpe, Chief, Bureau of Environmental and Resource Planning

DATE: January 25, 2017

SUBJECT: Consideration of Grant Agreement with the City of Carrabelle for the Lighthouse Estates Septic to Sewer Project, Phase 1

Recommendation

Staff recommends the Governing Board approve \$851,000 in grant funding to the City of Carrabelle for the Lighthouse Estates Septic to Sewer Project, Phase 1, and authorize the Executive Director to enter into agreement with the City to support implementation of this project.

Discussion

The 2013 Florida Legislature allocated \$3,000,000 in funding to the District from the Water Management Lands Trust Fund for Apalachicola Bay water quality improvement projects. Of these funds, \$215,000 was expended to update a hydrodynamic model of Apalachicola Bay in 2015. Approximately \$1.6 million will be expended by the City of Apalachicola for engineering and construction of three stormwater retrofit projects to treat runoff and reduce nonpoint source pollutant loading from over 175 acres that drain to Apalachicola Bay. The city's three stormwater projects are under construction, with completion anticipated in March 2017.

The proposed project with the City of Carrabelle will provide for surveying, design, permitting, and construction to extend sewer service to 53 residences in the Lighthouse Estates subdivision southwest of the city. The grant includes funding to abandon the existing septic systems, eliminating this source of nutrients and other pollutants currently being exported to the bay. Additionally, the project is scalable and will position the city to further extend sewer service with future project phases when future funding is identified.

It is anticipated that the balance of funding from the legislative appropriation will be expended for additional assistance to local cooperators within the watershed to support, protect and enhance the resources, functions, and public benefits provided by Apalachicola Bay.

The Apalachicola River and Bay system is renowned for its environmental and economic resources and widely recognized as a waterbody of state and national significance. It is the District's highest priority under the Surface Water Improvement and Management (SWIM) program, and it has been designated an Outstanding Florida Water, a State Aquatic Preserve, a National Estuarine Research Reserve, and an International Biosphere Reserve. The District, state and federal agencies, and local governments have made extensive investments in implementing retrofit and restoration projects and in acquiring and protecting lands along both the river and the bay. The proposed project will build upon these efforts, improving local conditions while also addressing state and regional watershed priorities.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
Nick Wooten, Director, Resource Management Division

FROM: Jerrick Saquibal, Chief, Bureau of Hydrology & Engineering

DATE: January 25, 2017

SUBJECT: Consideration of Joint Funding Agreement with the United States Geological Survey for the Acquisition of LiDAR

Recommendation

Staff recommends the Governing Board authorize the Executive Director to enter into a joint funding agreement with the United States Geological Survey for the acquisition of LiDAR, subject to legal counsel review.

Discussion

The District has participated in the acquisition of Light Detection and Ranging (LiDAR) since 2005, with the last acquisition occurring in 2011. Currently, the District has \$375,200 of funding to obtain new high quality LiDAR data for the Lower Choctawhatchee Watershed. The District, by working in partnership with the United States Geological Survey (USGS), has the opportunity, at no additional cost to the District, to extend the collection area to the adjacent St. Andrew-St. Joseph Bays watershed. The USGS will contribute \$300,640 of the \$675,840 joint effort to collect a total of 2,814 square miles of LiDAR data.

This new LiDAR elevation data will be higher quality and more accurate than the existing data collected in 2006-2007. Periodic updates to the LiDAR data are important to accurately map changes to the landscape from new roads and developments and other activities. The geographic area that will be flown through this partnership will include all of Gulf and Bay counties and portions of Holmes, Washington, Jackson, Calhoun, and Walton counties.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
Nick Wooten, Director, Division of Resource Management
Paul Thorpe, Chief, Bureau of Environmental and Resource Planning

FROM: Christina Coger, Resource Planning Program Manager

DATE: January 18, 2017

SUBJECT: Consideration of the North Bay Wastewater Reuse Project

Recommendation

Staff recommends the Governing Board approve \$500,000 in grant funding for the North Bay Wastewater Reuse Project and authorize the Executive Director to enter into an agreement with Bay County to complete the project.

Discussion

Since 2013, the District has been working with Bay County and other partners to develop a regional reclaimed water project. In the District's FY 2016-2017 Adopted Budget, \$500,000 was included to fund the North Bay Wastewater Reuse Project.

Section 373.707, F.S. encourages the District to partner with local governments and utilities on projects that develop alternative water supply sources. This grant will help support a cooperative effort between Bay County and Gulf Power Company to install approximately six miles of wastewater reuse line from the North Bay Wastewater Treatment Facility to Gulf Power's Plant Smith facility. Currently, the Gulf Power facility is permitted to draw water from North Bay as its source for cooling water, which is subsequently discharged back to the bay. By making reclaimed water available for cooling, the surface water discharged into North Bay will be reduced and ultimately eliminated, as will the wastewater effluent discharges from the county's North Bay treatment facility. This will help reduce associated environmental impacts to North Bay and St. Andrew Bay, a SWIM priority waterbody. Additionally, improvements to the wastewater reclamation infrastructure will help develop reclaimed water as a long-term source of irrigation water for the area, reducing future demands on potable water supply.

The wastewater reuse pipeline project is part of a larger initiative consisting of three interconnected projects: (1) construction of a reuse line from the North Bay Wastewater Treatment Facility to Gulf Power's Plant Smith; (2) construction of a wastewater line along

County Road 388, bringing wastewater from the existing River Camps Wastewater Treatment Facility to the North Bay facility; and (3) construction of the North Bay wastewater collection system, resulting in the near-term elimination of 220 septic systems and long-term connection of up to 4,000 other residences served by septic systems.

Through public-private partnerships, Bay County is moving forward with the CR 388 infrastructure project, which is currently under construction. If approved, this grant request will provide the remaining funds needed to proceed with another part of the regional project – connecting the North Bay and Gulf Power facilities. This grant will also leverage an existing \$1.0 million in funding from the Department of Environmental Protection. The remaining \$2.5 million needed to complete the project will be provided by Bay County and Gulf Power. The District's grant will go toward construction of the pipeline. The project is expected to be completed by September 2019.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
Nick Wooten, Director - Resource Management Division
Wendy Dugan, Director – Administration Division

FROM: Edward Chelette, Program Manager, Hydrologic Data Services Section

DATE: January 19, 2017

SUBJECT: Consideration of Contract to Continue Support for Leon County and the City of Tallahassee Stormwater Monitoring

Recommendation:

Staff recommends approval of the revenue contract with the City of Tallahassee and Leon County for stormwater flow monitoring for the purpose improving stormwater quality, stormwater management and flood attenuation.

Discussion:

The District has been assisting the City of Tallahassee and Leon County with the maintenance and operation of stormwater monitoring equipment for the last 24 years. This program now includes the operation of 53 surface water and rainfall data collection stations in the City and County. These stations provide storm event and base flow discharge data for all major drainage basins in Leon County. Continuous rainfall records are used in conjunction with the surface water discharge data to design and implement improvements in the Stormwater drainage system. Improvements to the drainage system help reduce flooding and improve water quality.

This agreement includes the continuing participation of the City of Tallahassee as a funding partner for operation of the USGS Spring Creek Springs flow gauge in Wakulla County. The attached agreement provides the District with up to \$134,234 from the City of Tallahassee and Leon County for all staff and equipment costs for Fiscal Year 2016-2017.

STORMWATER FLOW MONITORING CONTRACT

CONTRACT NO. 17-###

THIS CONTRACT, entered into the last date of approval noted below, by and among the CITY OF TALLAHASSEE, a municipal corporation created and existing under the laws of the State of Florida, hereinafter called the "CITY", LEON COUNTY, a political subdivision of the State of Florida, hereinafter called the "COUNTY", and the NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT, an agency operating under the authority of Chapter 373, Florida Statutes, hereinafter called the "DISTRICT";

WITNESSETH:

That for the consideration and under the provisions hereinafter stated and referred to moving from each to the other of the said parties, respectively, it is mutually understood and agreed as follows:

1. That the DISTRICT, having personnel knowledgeable in the areas of hydraulics and hydrology and being located and operating near Tallahassee and Leon County, has submitted, at the request of the CITY and COUNTY, a proposal to provide services for the Operation and Maintenance of a stormwater monitoring program described in "Attachment A – Joint Stormwater Monitoring Program" and attached hereto and made a part hereof by reference.
2. That the CITY and COUNTY have selected the DISTRICT as Contractor to furnish all labor, equipment, and materials to accomplish the scope of work described in "Attachment A- Joint Stormwater Monitoring Program". The DISTRICT will complete the work described in "Attachment A - Joint Stormwater Monitoring Program". The DISTRICT agrees to maintain existing and, as needed, provide additional stormwater monitoring equipment for the monitoring stations listed in "Attachment A - Joint Stormwater Monitoring Program" for the duration of this contract. Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment A- Joint Stormwater Monitoring Program", shall remain as property of the DISTRICT, except platforms used to mount monitoring equipment.
3. **That the CITY and COUNTY agree to share equally the lump sum fee of \$65,930 to the DISTRICT for the services in "Attachment A – Joint Stormwater Monitoring Program".**
4. That the CITY has requested additional monitoring services described in "Attachment B – City of Tallahassee Supplementary Monitoring Services" and attached hereto and made a part hereof by reference. The DISTRICT will complete the work as described in "Attachment B – City of Tallahassee Supplementary Monitoring Services". The CITY maintains ownership of the ALERT equipment and materials for stations described in "Attachment B – City of Tallahassee Supplementary Monitoring Services" and the CITY will be responsible for repair costs, replacement equipment and materials for the ALERT equipment at monitoring stations listed in "Attachment B – City of Tallahassee Supplementary Monitoring Services". Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment B – City of Tallahassee Monitoring Services ", shall remain as property of the DISTRICT, except ALERT equipment and platforms used to mount monitoring equipment.

5. **That the CITY agrees to pay the lump sum fee of \$43,952 to the DISTRICT for the services in "Attachment B - City of Tallahassee Supplementary Monitoring Services".**
6. That the COUNTY has requested additional monitoring services described in "Attachment C – Leon County Supplementary Monitoring Services" and attached hereto and made a part hereof by reference. The DISTRICT will complete the work as described in "Attachment C – Leon County Supplementary Monitoring Services". Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment C – Leon County Supplementary Monitoring Services", shall remain as property of the DISTRICT, except platforms used to mount monitoring equipment.
7. **That the COUNTY agrees to pay the lump sum fee of \$25,035 to the DISTRICT for the services in "Attachment C – Leon County Supplementary Monitoring Services".**
8. That the DISTRICT agrees to perform the work for the period beginning October 1, 2016, and ending September 30, 2017. The CITY will pay the DISTRICT a total lump sum fee of \$76,917 as set forth in "Attachment A – Joint Stormwater Monitoring Program" and "Attachment B – City of Tallahassee Supplementary Monitoring Services". The COUNTY will pay the DISTRICT a total lump sum fee of \$58,000 as set forth in "Attachment A – Joint Stormwater Monitoring Program" and "Attachment C – Leon County Supplementary Monitoring Services".
9. That the DISTRICT shall separately invoice both the CITY and COUNTY on a quarterly basis for their prorated share of these services.
10. That the DISTRICT agrees to maintain sufficient professional and technical staffing to ensure timely and competent completion of this Contract.
11. That the CITY and COUNTY agree that maintenance and repair of monitoring equipment, data processing and data delivery by the DISTRICT shall occur between the hours of 8:00 AM to 5:30 PM excluding weekends and holidays. Exceptions may be made at the sole discretion of the DISTRICT.
12. That the CITY and COUNTY agree that the DISTRICT DOES NOT guarantee immediate, real-time or near real-time access to any data stored on or passed through DISTRICT systems, including, but not limited to: the DISTRICT'S databases, the DISTRICT'S Aquarius Hydrologic WebPortal, the DISTRICT'S Virtual Private Network, the DISTRICT'S data acquisition software, or any other software or hardware owned or operated by the DISTRICT.
13. That the DISTRICT will provide Hydrologic WebPortal training and assistance to CITY and COUNTY staff in order to facilitate on-demand data access and data acquisition.
14. That the DISTRICT will assist the CITY and COUNTY with evaluation, acquisition and set-up of Third Party services that may be selected by the CITY and/or the COUNTY to operate using or in coordination with Monitoring Programs and Services that are a part of this Contract by reference.

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15. That the CITY, COUNTY and DISTRICT agree that any changes to this contract will be preceded by written approval.
 - A. A Change Order to this Contract is required for changes in Scope that do not involve changes to the cost of Operation and Maintenance. Changes in Scope include but are not limited to, alteration of the telemetry system, coordination with a Third Party, or collection of additional field observations. Determination of changes to the cost of Operation and Maintenance are at the sole discretion of the DISTRICT. All Change Orders are subject to the mutual agreement of both parties as evidenced in writing.
 - B. A formal Amendment to this Contract is required for changes which cause an increase or decrease in the cost of Operation and Maintenance. Determination of changes to the cost of Operation and Maintenance are at the sole discretion of the DISTRICT. All Amendments are subject to the mutual agreement of both parties as evidenced in writing.
16. That the CITY and COUNTY shall have the option to separately amend the Contract to request the DISTRICT provide additional monitoring services in accordance with the fee schedule described in "ATTACHMENT D – Supplementary Monitoring Services" which is attached hereto and made part hereof by reference. Compensation for additional monitoring services shall be invoiced on a prorated basis to the party requesting the services in accordance with the fee schedule described in "ATTACHMENT D – Cost Schedule - Supplementary Monitoring Services".
17. That the continuation of this monitoring program in subsequent years shall be subject to renegotiation of the services and fees and appropriation of funding for this program by the CITY, COUNTY and DISTRICT in their respective budgets and execution of an amendment to extend the Contract by the CITY, COUNTY and DISTRICT.
18. That in the event the CITY and COUNTY terminate this Contract, the DISTRICT shall be compensated for work completed and for any irrevocable commitments for procurement of materials or services for this Contract by the DISTRICT. The DISTRICT agrees that it will make no such commitments after receiving written notification of termination.
19. That the CITY and COUNTY shall have access to any books, documents, papers, and records of the DISTRICT directly pertinent to this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The DISTRICT shall provide stormwater data collected on this project in a digital format to the CITY and COUNTY. The DISTRICT shall maintain required records including stormwater data and other records pertinent to this Contract for five years after the CITY and COUNTY make final payment and all other pending matters are closed.
20. That the CITY and COUNTY shall agree to cooperate with an inspector general in any investigation, audit, inspection, review or hearing pursuant to s. 20.055(5), F.S.
21. That it is expressly understood and agreed that this Contract states the entire agreement of the Parties, and that the Parties are not bound by any stipulations, representations, or promises, not included in this Contract.

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LEON COUNTY, FLORIDA

By: _____
Purchasing Director

Date: _____

ATTEST:

Approved as to Form:
Leon County Attorney's Office

Bob Inzer, Clerk of the Circuit Court and
Comptroller, Leon County, Florida

By: _____
County Attorney

By: _____

Date: _____

Date: _____

CITY OF TALLAHASSEE

ATTEST:

By: _____
City Treasurer-Clerk

By: _____
City Manager

Date: _____

Date: _____

Approved as to Form:
City Attorney's Office

By: _____
City Attorney

Date: _____

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

By: _____
Brett Cyphers
Executive Director

Date: _____

ATTACHMENT A

Stormwater Monitoring Project: Joint Stormwater Monitoring Program

The Stormwater Flow Monitoring Program includes twenty-seven (27) surface water and rainfall data collection stations in the City of Tallahassee and Leon County. The cost estimates and scope of work for maintaining and operating this program are outlined below.

This monitoring program is intended to collect dry weather and storm event stage and discharge data at major outfall locations in Leon County and the City of Tallahassee, Florida. The data collected in this program will aid in partially fulfilling U.S. Environmental Protection Agency National Pollutant Discharge Elimination System (NPDES) stormwater regulation requirements. More specifically the data will: provide continuing records of precipitation and surface water discharges; provide flow volumes which will aid in estimating annual pollutant loads; aid to verify improvements as a result of actions taken under the City/County Comprehensive Stormwater Management Plan. The data will also be needed for updating hydrologic and flooding elevation data as actual growth and development occurs. The continuation of this monitoring program is recommended as part of the Comprehensive Stormwater Management Plan.

Monitoring Station Descriptions

<u>Station Type</u>	<u>Station Count</u>	<u>Station Map Number (see attached map)</u>
Stream Discharge	10	4, 6, 10 ^(a) , 14, 15 ^(a) , 20 ^(a) , 35 ^(a) , 72 ^(a) , 100 ^(a) , 128
Stream Stage	4	19 ^(a) , 39 ^(a) , 660 ^(a) , 750 ^(a)
Stream Stage + Rainfall	1	125/125
Stream Discharge + Rainfall	2	3/601 ^(a) , 31/618 ^(a)
Rainfall	10	602 ^(a) , 605 ^(a) , 606, 610 ^(a) , 613 ^(a) , 616 ^(a) , 623 ^(a) , 626 ^(a) , 628 ^(a) , 631 ^(a)
TOTAL STATIONS	27	

Annual Station Operation and Maintenance^(b)

<u>Station Type</u>	<u>Station Count</u>	<u>Annual Cost Per Station</u>		<u>Total Cost</u>
Stream Discharge	10	\$2,775.00	\$	27,750.00
Stream Stage	4	\$1,875.00	\$	7,500.00
Stream Stage + Rainfall	1	\$2,624.00	\$	2,624.00
Stream Discharge + Rainfall	2	\$3,525.00	\$	7,050.00
Rainfall	10	\$2,025.00	\$	20,250.00
TOTAL OPERATION AND MAINTENANCE			\$	65,174.00

Annual Data Telemetry Service

<u>Telemetry Type</u>	<u>Annual Cost</u>	<u># Stations</u>		<u>Total Cost</u>
Iridium Standby ^(c)	\$24.00	21	\$	504.00
Verizon 10MB/month	\$12.00	21	\$	252.00
TOTAL TELEMETRY SERVICE			\$	756.00

TOTAL PROJECT COST \$ **65,930.00**

City of Tallahassee Annual Cost (50% of Total Project Cost) \$ **32,965.00**

Leon County Annual Cost (50% of Total Project Cost) \$ **32,965.00**

(a) Site uses Verizon telemetry with Iridium Standby.

(b) Station Operation and Maintenance includes: maintenance, operation, data retrieval in a computerized format, discharge measurements at stream stations, computation of station flow rating at stream discharge stations, storage of data in DISTRICT databases, quarterly data reports, and delivery of digital data collected on the Project through the DISTRICT Aquarius Hydrologic WebPortal, through ftp, or through electronic mail. All stormwater monitoring equipment operated, maintained, purchased or replaced for the Joint City/County Stormwater Monitoring Program, shall remain as property of the District, except platforms used to mount monitoring equipment.

(c) Iridium data telemetry service provided by Sutron Corporation.

ATTACHMENT B

Stormwater Monitoring Project: City of Tallahassee Supplementary Monitoring Services

The City Monitoring Services includes the operation and maintenance of 24 surface water and rainfall data collection stations for the City of Tallahassee. The cost estimates for maintaining and operating this program are provided below. These monitoring stations will provide hydrologic data for the City of Tallahassee. Operation of individual stations can be discontinued by Change Order at the request of the City during the period of this Contract. The District will invoice the City quarterly for the pro-rated operational costs for active stations.

Annual Operation and Maintenance Service

<u>Station Type</u>	<u>Station Count</u>	<u>Station Location (map number)</u>	<u>Annual Cost ^(b)</u>
Stage	9	Two Southwood Stormwater Ponds (698, 699)	
		RSF (688)	
		Killearn Lake Stations (784, 785, 786)	
		East Drainage Ditch Stations (831, 832, 833)	
Telemetered Stage	2	Central DD, Boone Blvd (687 ^(a) , 689)	\$ 3,750.00
Telemetered Rainfall	6	City Rainfall Network (681 ^(a) , 682 ^(a) , 683 ^(a) , 684 ^(a) , 685 ^(a) , 686 ^(a))	\$ 12,150.00
Maintenance of ALERT Equipment	6	City "ALERT" Network (681, 682, 683, 684, 685, 686)	\$ 1,200.00
USGS	1	Spring Creek (1/3 cost share)	\$ 9,653.00
TOTAL OPERATION AND MAINTENANCE SERVICE			\$ 43,628.00

Annual Data Telemetry Services

<u>Telemetry Type</u>	<u>Station Count</u>	<u>Annual Cost per Station</u>	<u>Annual Cost</u>
Iridium Standby ^(c)	8	\$24.00	\$ 192.00
Verizon 10MB/month	11	\$12.00	\$ 132.00
TOTAL DATA TELEMETRY SERVICE			\$ 324.00
TOTAL SUPPLEMENTARY SERVICES – City of Tallahassee			\$ 43,952.00

- (1) Site uses Verizon telemetry with Iridium Standby.
- (2) Annual cost for Station Operation and Maintenance is \$1,875 for stage stations, \$2,025 for rainfall stations due to the additional staff time required to perform necessary tipping bucket calibration checks and adjustments. Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of and access to telemetered and downloaded data on the DISTRICT website, storage of data in DISTRICT databases, quarterly status reports, and delivery of digital data collected on the Project through the DISTRICT Aquarius Hydrologic WebPortal, through ftp, or through electronic mail. The City maintains ownership of the ALERT equipment and materials for the monitoring stations. The City will be responsible for repair costs, replacement equipment and materials for ALERT equipment in this program.
- (3) Iridium data telemetry service provided by Sutron Corporation.

ATTACHMENT C

Stormwater Monitoring Project Leon County Supplementary Monitoring Services

The COUNTY Supplementary Monitoring Services includes the operation and maintenance of 11 surface water and rainfall data collection stations. The cost estimates for maintaining and operating this program are provided below. These monitoring stations will provide hydrologic data for Leon County. Operation of individual stations can be discontinued by Change Order at the request of the COUNTY during the period of this Contract. The District will invoice the COUNTY quarterly for the pro-rated operational costs for active stations.

Operational Services

<u>Station Type</u>	<u>Station Count</u>	<u>Station Location (map number)</u>	<u>Annual Cost ^(c)</u>
Stage	1	Lauder Pond (680)	\$ 1,875.00
Telemetered Rainfall	6	Commonwealth Blvd (648 ^(a))	
		Capitol Area Flood Warning Network (654 ^(a) , 753 ^(a) , 803 ^(a) , 804 ^(a) , 875 ^(a))	\$ 12,150.00
Telemetered Stage + Rainfall	3	Capitol Area Flood Warning Network (555 ^(a) , 729 ^(a) , 810 ^(a))	\$ 7,875.00
Telemetered Stage + Discharge	1	Lake Munson Outfall (776 ^(a))	\$ 2,775.00
TOTAL OPERATIONAL SERVICES COST			\$ 24,675.00

Annual Data Telemetry Services

<u>Telemetry Type</u>	<u>Station Count</u>	<u>Annual Cost per Station</u>	<u>Annual Cost</u>
Iridium Standby ^(d)	10	\$24.00	\$ 240.00
Verizon 10MB/month	10	\$12.00	\$ 120.00
TOTAL DATA TELEMETRY SERVICES COST			\$ 360.00

TOTAL SUPPLEMENTARY SERVICES COST – Leon County \$ 25,035.00

- (1) Site uses Verizon telemetry with Iridium Standby.
- (2) Site uses Verizon telemetry.
- (3) Annual cost for Station Operation and Maintenance is \$1,875 for stage stations, \$2,025 for rainfall stations, \$2,625 for stage + rainfall stations, \$2,775 for stage + discharge stations. Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of and access to telemetered and downloaded data on the DISTRICT website, storage of data in DISTRICT databases, quarterly status reports, and delivery of digital data collected on the Project through the DISTRICT Aquarius Hydrologic WebPortal, through ftp, or through electronic mail.
- (4) Iridium data telemetry service provided by Sutron Corporation.

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ATTACHMENT D

Stormwater Monitoring Project Cost Schedule – Supplementary Monitoring Services

<u>A. New Stream Station Installation Costs</u>	<u>Unit Price</u>
Construction materials and supplies	\$ 400.00
Data logger, battery, cables	\$1,825.00
Water level sensor (high resolution, w/lightning ground system.)	\$1,525.00
Station installation labor	\$2,100.00
Total Cost:	\$5,850.00^(a)

<u>B. New Rainfall Station Installation Costs</u>	<u>Unit Price</u>
Construction materials and supplies	\$ 400.00
Data logger, battery, cables	\$1,825.00
Hydrologic Services – TB3 tipping bucket w/mount	\$1,075.00
Station installation labor	\$1,300.00
Total Cost:	\$4,600.00^(a)

<u>C. New Telemetry System Installation Costs</u>	<u>Unit Price</u>
Construction materials and supplies	\$ 300.00
Communication equipment	\$ 575.00
Communication programming	\$ 250.00
System installation labor	\$ 900.00
Total Cost:	\$2,025.00^(b)

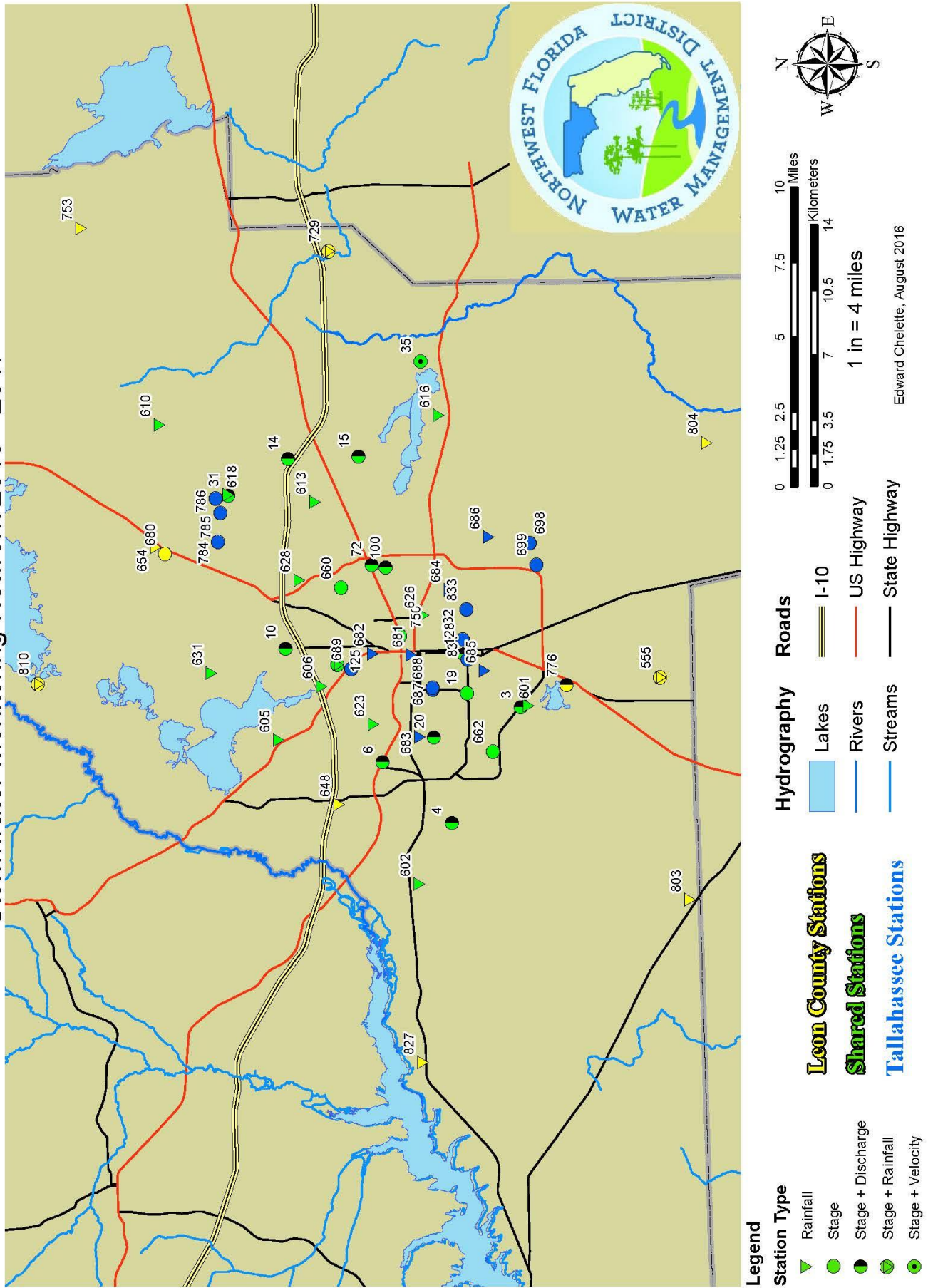
<u>D. Annual Verizon Digital IP Service Fees</u> ^(c)	
10MB/month Data Plan	\$ 12.00/yr

<u>E. Annual Iridium System Service Fees</u> ^(d)	
Base Data Plan 12KB/month	\$ 300.00/yr
Iridium Standby	\$ 24.00/yr

<u>Station Operation and Maintenance Costs</u>	
<u>Station Type</u>	<u>Annual Station Cost</u> ^(e)
Stage Station Operational Cost	\$1,875.00
Rainfall Station Operational Cost	\$2,025.00
Stage+Rainfall Station Operational Cost	\$2,625.00
Stage+Discharge Station Operational Cost	\$2,775.00
Stage+Discharge+Velocity Station Operational Cost	\$3,550.00
Stage+Discharge+Rainfall Station Operational Cost	\$3,525.00

- (1) Equipment, materials, and installation costs are for non-telemetered stream and rainfall stations.
- (2) Cost of addition of telemetry to a new or existing monitoring station.
- (3) Verizon data telemetry service government rate as of 8/1/2014, \$ 0.10/MB
- (4) Iridium data telemetry service provided by Sutron Corporation.
- (5) Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of and access to telemetered and downloaded data on the DISTRICT website, storage of data in DISTRICT databases, quarterly status reports, and delivery of digital data collected on the Project through the DISTRICT Aquarius Hydrologic WebPortal, through ftp, or through electronic mail. All stormwater monitoring equipment operated, maintained, purchased or replaced for the Stormwater Monitoring Program Supplemental Services, shall remain as property of the District, except platforms used to mount monitoring equipment.

NWFWMD - Leon County - City of Tallahassee Stormwater Monitoring Network 2016 - 2017



NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Lands Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
William O. Cleckley, Director, Division of Land Management and Acquisition

FROM: Carol L. Bert, Lands Administrator III

DATE: January 20, 2017

SUBJECT: Consideration of Contract Amendment with Florida Fish and Wildlife Conservation Commission for Law Enforcement/Security Services (Enhanced Patrol) on District Lands

Recommendation:

Staff recommends the Governing Board authorize the Executive Director to execute an amendment to the existing agreement with the Florida Fish and Wildlife Conservation Commission for Law Enforcement and Security Services (Scheduled Enhanced Patrol and As-Needed Enhanced Patrol) on District Lands during Fiscal Year 2016-2017 with a Maximum Total Compensation amount not to exceed \$89,000.

Background:

Since March 2008, the District has contracted with the Florida Fish and Wildlife Conservation Commission (FWC) to provide an “Enhanced Patrol” program that provides law enforcement for the Perdido River recreation sites, as well as a number of boat landings and camping areas nearby on the Escambia River. This contract provides for Scheduled Enhanced Patrols in the Perdido and Escambia River Water Management Areas (WMAs), but also allows for As-Needed Enhanced Patrols in other WMAs.

The current contract with FWC is for \$58,500 and includes Scheduled Patrol Hours, As Needed Patrol Hours and Reporting Hours totaling 1,282 hours. At this time, staff would like to amend this contract to add 846 hours of As Needed Enhanced Patrol for the Econfina Creek WMA (see attached map). The contract amount, subject to this amendment, will increase by \$30,500 to a maximum total amount of \$89,000 for Fiscal Year 2016-2017. There is sufficient budget in FY 2016-2017 to cover these additional As Needed Patrol Hours.

clb

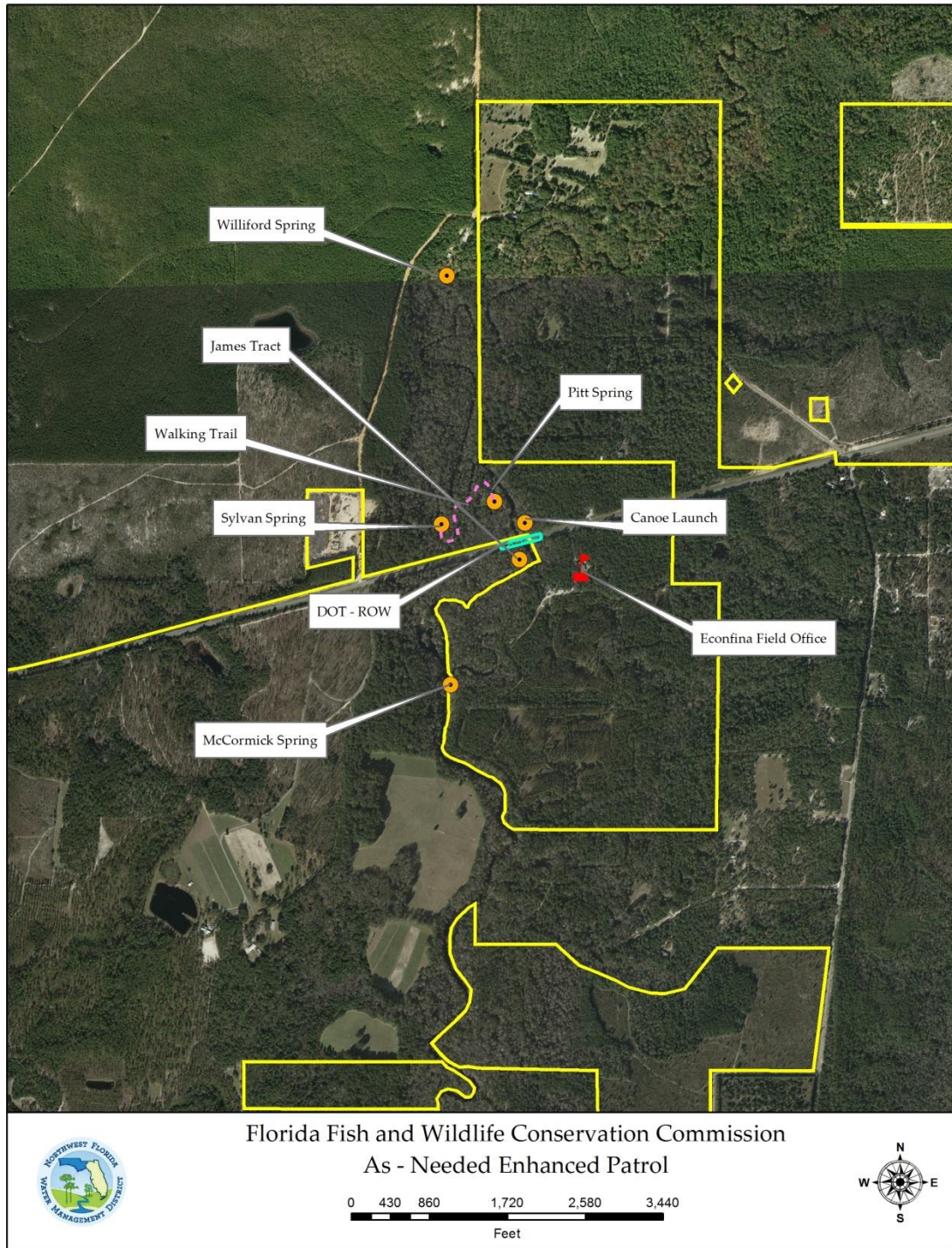


Exhibit A - Econfina Springs Patrols

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
GOVERNING BOARD MEETING MINUTES**

**District Headquarters
81 Water Management Drive
Havana, FL 32333**

**Thursday
January 12, 2017**

Governing Board Members Present

George Roberts, Chairman
John W. Alter, Secretary-Treasurer
Gus Andrews
Jon Costello
Marc Dunbar
Ted Everett
Bo Spring

Governing Board Members Absent

Jerry Pate, Vice Chairman
Nick Patronis

1. Opening Ceremonies

Governing Board Chairman George Roberts called the meeting to order at 1:01 p.m.
Brett Cyphers called the roll and a quorum was declared present.

2. Additions, Deletions or Changes to the Agenda

There were no additions, deletions or changes to the agenda.

3. Approval of the Minutes for December 8, 2016

MOTIONED BY TED EVERETT, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD APPROVE THE MINUTES FOR DECEMBER 8, 2016. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

4. Approval of the Financial Reports for the Month of November 2016

MOTIONED BY BO SPRING, SECONDED BY GUS ANDREWS, THAT THE GOVERNING BOARD APPROVE THE FINANCIAL REPORTS FOR THE MONTH OF NOVEMBER 2016. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

5. Committee Reports and Recommendations for Board Action

Lands Committee:

Consideration of Invitation to Bid 17B-006; Choctawhatchee River 2017 Devils Swamp Thinning Timber Sale

MOTIONED BY GUS ANDREWS, SECONDED BY JOHN W. ALTER, THAT THE GOVERNING BOARD APPROVE THE BIDS SUBMITTED IN RESPONSE TO INVITATION TO BID 17B-006 AND AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT FOR THIS TIMBER SALE WITH THE HIGH BIDDER DEERPOINT TIMBER PRODUCTS, INC., AT THE BID PRICES OF \$6.00 PER TON FOR PINE PULPWOOD; \$19.00 PER TON FOR PINE CHIP-N-SAW;

AND \$30.00 PER TON FOR PINE SAW TIMBER. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Invitation to Bid 17B-007; 2017 Econfina Creek Sand Pine Timber Sale

MOTIONED BY GUS ANDREWS, SECONDED BY TED EVERETT, THAT THE GOVERNING BOARD APPROVE THE BIDS SUBMITTED IN RESPONSE TO INVITATION TO BID 17B-007 AND AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT FOR THIS TIMBER SALE WITH THE HIGH BIDDER, DEERPOINT TIMBER PRODUCTS, INC., AT THE BID PRICE OF \$15.80 PER TON. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Donation of Canoes from the Southwest Florida Water Management District

MOTIONED BY GUS ANDREWS, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD APPROVE THE RECEIPT OF UP TO 12 CANOES DONATED BY THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

6. Consideration of Invitation to Bid 17B-005 Mystic Spring Forested Wetland Planting

MOTIONED BY BO SPRING, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD ACCEPT THE BID OF \$37,737 FROM EARTHBALANCE TO SUPPLY AND INSTALL MIXED FORESTED WETLAND TREES AT THE MYSTIC SPRINGS RESTORATION SITE AND AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO CONTRACT WITH EARTHBALANCE FOR THESE SERVICES. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

7. Consideration of Fiscal Year 2017-2018 Preliminary Budget

MOTIONED BY BO SPRING, SECONDED BY JOHN W. ALTER, THAT THE GOVERNING BOARD APPROVE THE FISCAL YEAR 2017-2018 PRELIMINARY BUDGET AS PRESENTED AND ALLOW STAFF TO SUBMIT THE FINAL DOCUMENT TO THE LEGISLATURE BY JANUARY 15, 2017. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

8. Legal Counsel Report

Breck Brannen provided an update to the report on page 31 of the January 12, 2017, board folder, regarding the case referenced below. Administrative Law Judge Bram D. E. Canter canceled the final hearing and placed the case in abeyance.

CGUPS, LLC, Steven Cox, and Claudia Cox, Petitioners v. Northwest Florida Water Management District and Florida Department of Transportation, Respondents, DOAH Case No. 16-4691

Meeting was adjourned at 1:22 p.m.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending December 31, 2016

Balance Forward - Operating Funds \$47,183,585.70

Operating Funds Received in current month:

Revenue Receipts, Current	\$1,912,136.11	
Contracts Receivable	2,389,445.86	
Other Deposits/Refunds/Adjustments	43,726.90	
Transfers from Lands Accounts	0.00	
Total Deposits during month	4,345,308.87	

Total Deposits and Balance Forward \$ 51,528,894.57

Disbursements:

Employee Salaries	430,662.31	
Employee Benefits	298,658.36	
Employee Flexible Spending Account	0.00	
Contractual Services (Professional)	250,328.89	
Operating Expenses - Services	122,597.27	
Operating Expenses - Commodities	30,257.65	
Operating Capital Outlay	27,018.42	
Grants and Aids	612,967.22	
Total Operating Expenses during month	1,772,490.12	
Payables, Prior Year	0.00	
Other Disbursements or (Credits)	163,829.30	
Total Funds Disbursed by check during month	1,936,319.42	
Bank Debits (Fees, Deposit Slips, etc.)	54.20	
Transfer to Land Acquisition Account	0.00	
Total Funds Disbursed	1,936,373.62	

Cash Balance Operating Funds at month end \$ 49,592,520.95

Operating Depositories:

Petty Cash Fund	250.25	
Bank of America:		
General Fund Checking	5,761,858.86	
Payroll Account	6,400.74	
Pensacola Account	0.00	
Investment Accounts:		
Fla. Board of Administration @ 0.9%		
General Fund	21,493,967.66	
Lands Fee Fund	5,838,273.11	
SWIM Fund	188,264.68	
Springs Protection	54.55	
Mitigation Fund	16,303,451.10	

Total Operating Depositories at month end \$ 49,592,520.95

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending December 31, 2016

Land Acquisition Funds:

Fla. Board of Administration @ 0.9%	\$ 486,045.40	
Total Land Acquisition Funds		486,045.40

Restricted Land Management Funds:

Fla. Board of Administration Phipps Land Management Account @ 0.9%	152,973.32	
Total Restricted Land Management Funds		<u>152,973.32</u>

Total Land Acquisition, and Restricted Management Funds		<u>639,018.72</u>
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TOTAL OPERATING, LAND ACQUISITION, & RESTRICTED FUNDS AT MONTH END		<u><u>\$ 50,231,539.67</u></u>
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Approved: _____
Chairman or Executive Director

Date: February 9, 2017

Northwest Florida Water Management District
Statement of Sources and Uses of Funds
For the Period ending December 31, 2016
(Unaudited)

	Current Budget	Actuals Through 12/31/2016	Variance (under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 3,413,531	\$ 2,237,338	\$ (1,176,193)	66%
Intergovernmental Revenues	45,612,612	8,321,231	(37,291,381)	18%
Interest on Invested Funds	66,266	95,483	29,217	144%
License and Permit Fees	393,250	119,585	(273,665)	30%
Other	2,204,669	223,514	(1,981,155)	10%
Fund Balance	26,284,922		(26,284,922)	0%
Total Sources	\$ 77,975,250	\$ 10,997,150	\$ (66,978,100)	14%

	Current Budget	Expenditures	Encumbrances ¹	Available Budget	%Expended	%Obligated ²
Uses						
Water Resources Planning and Monitoring	\$ 7,096,643	\$ 570,131	\$ 196,983	\$ 6,329,530	8%	11%
Acquisition, Restoration and Public Works	45,192,383	956,429	175,620	44,060,334	2%	3%
Operation and Maintenance of Lands and Works	3,879,883	551,471	141,628	3,186,784	14%	18%
Regulation	3,874,432	837,509	96,536	2,940,387	22%	24%
Outreach	178,215	46,718	-	131,497	26%	26%
Management and Administration	2,012,203	420,474	45,330	1,546,399	21%	23%
Total Uses	\$ 62,233,759	\$ 3,382,731	\$ 656,097	\$ 58,194,931	5%	6%
Reserves	15,741,491			15,741,491	0%	0%
Total Uses and Reserves	\$ 77,975,250	\$ 3,382,731	\$ 656,097	\$ 73,936,422	4%	5%

¹ Encumbrances represent unexpended balances of open purchase orders.

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

This unaudited financial statement is prepared as of December 31, 2016, and covers the interim period since the most recent audited financial statements.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

GENERAL FUND

DECEMBER 2016

CHECKS	12/1/2016	\$	295,744.33
AP EFT CHECKS	12/2/2016		3,967.00
CHECKS	12/8/2016		553,169.82
AP EFT CHECKS	12/9/2016		9,407.84
CHECKS	12/15/2016		228,274.49
AP EFT CHECKS	12/16/2016		2,740.68
CHECKS	12/22/2016		371,066.47
AP EFT CHECK	12/23/2016		6,713.99
VOIDED CHECK	12/15/2016		-420.00
RETIREMENT EFT			47,862.93

\$ 1,518,527.55

APPROVED:

Chairman or Executive Director

February 9, 2017

Date

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
96	APALACHICOLA/CARRABELLE TIMES	12/01/2016	63.20	NOTICE OF RULE DEVELOPMENT
4832	ASSURANT EMPLOYEE BENEFITS	12/01/2016	4,471.18	EMPLOYEE DENTAL-PPO
4832	ASSURANT EMPLOYEE BENEFITS	12/01/2016	217.56	PREPAID DENTAL
4834	ASSURANT EMPLOYEE BENEFITS	12/01/2016	893.38	LIFE & AD&D INSURANCE
4833	ASSURANT EMPLOYEE BENEFITS	12/01/2016	1,127.32	VOL LTD
95	AT&T	12/01/2016	413.38	PHONES-ECONFINA
2967	BANK OF AMERICA	12/01/2016	39.98	ADOBE EXPORTPDF
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	12/01/2016	331.59	RETIREE INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	12/01/2016	51,004.42	EMPLOYEE MEDICAL INSURANCE
5006	BROWN'S REFRIGERATION & EQUIPMENT CO., INC.	12/01/2016	239.33	REPAIR ICE MACHINE BY LAB AT H
2507	CALHOUN LIBERTY JOURNAL	12/01/2016	103.50	NOTICE OF RULE DEVELOPMENT
1617	CAPITAL HEALTH PLAN	12/01/2016	75,323.32	EMPLOYEE MEDICAL INSURANCE
3269	CDW GOVERNMENT, INC.	12/01/2016	403.55	MUNIS PRINTER FOR ADMIN
3269	CDW GOVERNMENT, INC.	12/01/2016	608.66	UPS FOR CARR
3269	CDW GOVERNMENT, INC.	12/01/2016	1,461.48	SURVEILLANCE EQUIPMENT
5357	CITY OF CHATTAHOOCHEE	12/01/2016	8,850.00	CONTRACT 16-043 ROSEDALE TRANSMITSSION LINE
3524	CITY OF CRESTVIEW	12/01/2016	48.65	WATER/SEWER-CRESTVIEW
4676	CITY OF MILTON FLORIDA	12/01/2016	49.61	DUMPSTER SERVICE
4676	CITY OF MILTON FLORIDA	12/01/2016	(0.03)	CREDIT FOR OVERPAYMENT
4676	CITY OF MILTON FLORIDA	12/01/2016	19.36	SEWER-MILTON
3289	CITY OF TALLAHASSEE	12/01/2016	37.92	LAKESHORE
45	DMS	12/01/2016	16,265.17	CARR LEASE
45	DMS	12/01/2016	75.60	PHONES-MILTON
45	DMS	12/01/2016	2.94	SUNCOM
45	DMS	12/01/2016	45.77	LONG DISTANCE-CRESTVIEW
4963	ECOLOGICAL RESOURCE CONSULTANTS, INC.	12/01/2016	6,813.00	PROFESSIONAL ECOLOGICAL SERVIC
4963	ECOLOGICAL RESOURCE CONSULTANTS, INC.	12/01/2016	34,982.35	PROFESSIONAL ECOLOGICAL SERVIC
4963	ECOLOGICAL RESOURCE CONSULTANTS, INC.	12/01/2016	24,910.67	PROFESSIONAL ECOLOGICAL SERVIC
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/01/2016	7,678.79	FUEL
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/01/2016	1,651.63	WEX TELEMATICS FLEET MANAGEMEN
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/01/2016	25.00	FLEET MANAGEMENT SYSTEM - LAND
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	12/01/2016	34.72	FAR ADS 10/01/2016-9/30/2017 B
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	12/01/2016	29.26	FAR AD FOR ITB 17B-004 PRESCRI
65	GADSDEN COUNTY TIMES	12/01/2016	41.12	LEGAL ADS
3282	W.W. GRAINGER, INC.	12/01/2016	85.00	SAMPLING SUPPLIES
3420	GREASE PRO EXPRESS LUBE	12/01/2016	110.05	TRUCK REPAIR - WMD-0014
3420	GREASE PRO EXPRESS LUBE	12/01/2016	369.00	REPAIRS FOR 2009 FORD F150 WMD
61	JACKSON COUNTY FLORIDAN	12/01/2016	164.50	NOTICE OF RULE DEVELOPMENT
61	JACKSON COUNTY FLORIDAN	12/01/2016	162.20	LEGAL ADS

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

5342	JANICKI ENVIRONMENTAL, INC.	12/01/2016	880.00	WATER RESOURCE EVALUATIONS
5120	JOHNSON'S AUTO REPAIR, INC.	12/01/2016	41.74	OPEN PURCHASE ORDER FOR POOL V
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	12/01/2016	179.38	LEASE & MAINTENANCE FOR REG CO
5294	KRONOS, INCORPORATED	12/01/2016	14.00	TIMESHEET PROGRAM
3266	LOWE'S COMPANIES INC.	12/01/2016	330.65	STANDARD OPERATING SUPPLIES
3266	LOWE'S COMPANIES INC.	12/01/2016	391.10	SECURITY LIGHTING FOR HQ
4873	MAIN STREET AUTOMOTIVE, INC.	12/01/2016	609.60	WMD 2432 TIRES
4873	MAIN STREET AUTOMOTIVE, INC.	12/01/2016	60.00	WMD 2432 TIRES
4382	J. MILLER CONSTRUCTION, INC.	12/01/2016	17,275.00	DUTEX DRIVEWAY
5401	MOULTON PROPERTIES	12/01/2016	100.00	APPLICATION #17532 FEE OVERPAY
63	NORTHWEST FLORIDA DAILY NEWS	12/01/2016	86.09	NOTICE OF RULE DEVELOPMENT
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	195.00	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	15.95	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	0.57	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	18.32	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	15.47	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	9.69	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	0.01	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	55.35	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/01/2016	395.00	ANNUAL MAINTENANCE AGREEMENTS
1205	OFFICE DEPOT, INC.	12/01/2016	51.72	OFFICE SUPPLIES
1205	OFFICE DEPOT, INC.	12/01/2016	40.65	2017 CALENDARS
1205	OFFICE DEPOT, INC.	12/01/2016	6.39	2017 CALENDARS
1205	OFFICE DEPOT, INC.	12/01/2016	(48.00)	OFFICE SUPPLY REFUND CREDIT
288	OKALOOSA CO. PROPERTY APPRAISER	12/01/2016	2,069.16	1ST QTR FY 16-17
64	PANAMA CITY NEWS HERALD	12/01/2016	87.00	NOTICE OF RULE DEVELOPMENT
2663	PATIENTS FIRST APPELYARD, INC	12/01/2016	49.00	LABORATORY TESTING
62	PENSACOLA NEWS-JOURNAL	12/01/2016	135.78	LEGAL ADS
62	PENSACOLA NEWS-JOURNAL	12/01/2016	328.56	NOTICE OF RULE DEVELOPMENT
71	PETTY CASH	12/01/2016	91.21	PETTY CASH
4081	POT-O-GOLD RENTALS, LLC	12/01/2016	1,215.00	PORTABLE TOILETS
5251	RANDSTAD NORTH AMERICA, INC.	12/01/2016	960.00	ENTERPRISE ARCHITECTURE CONSUL
5251	RANDSTAD NORTH AMERICA, INC.	12/01/2016	1,120.00	ENTERPRISE ARCHITECTURE CONSUL
5251	RANDSTAD NORTH AMERICA, INC.	12/01/2016	12,680.00	IT INFRASTRUCTURE ASSESSMENT
5251	RANDSTAD NORTH AMERICA, INC.	12/01/2016	2,560.00	ENTERPRISE ARCHITECTURE CONSUL
5251	RANDSTAD NORTH AMERICA, INC.	12/01/2016	524.91	STAFF AUG SERVICES
523	SANTA ROSA PRESS GAZETTE	12/01/2016	45.60	LEGAL AD
523	SANTA ROSA PRESS GAZETTE	12/01/2016	102.92	LEGAL ADS
3475	SHRUG, INC.	12/01/2016	115.00	SHRUG WORKSHOP REGISTRATION FO
4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/01/2016	103.79	CALENDARS / PLANNERS

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS

4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/01/2016	(22.86)	CREDIT FOR CALENDARS
4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/01/2016	6.39	OFFICE SUPPLIES
4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/01/2016	115.28	OFFICE SUPPLIES
105	TALLAHASSEE DEMOCRAT	12/01/2016	98.66	LEGAL ADS
105	TALLAHASSEE DEMOCRAT	12/01/2016	483.15	NOTICE OF RULE DEVELOPMENT
3941	TYLER TECHNOLOGIES, INC.	12/01/2016	202.15	CHECK STOCK FOR AP & PR

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

4557	VERIZON WIRELESS	12/01/2016	100.47	CELL PHONES
5218	WAGeworks, INC.	12/01/2016	59.15	COBRA ADMINISTRATION
2631	WASHINGTON COUNTY SHERIFF'S OFFICE	12/01/2016	12,636.20	LAW ENFORCEMENT/SECURITY
TOTAL CHECKS			<u>295,744.33</u>	
4076	EDWARD CHELETTE	12/02/2016	118.00	TRAVEL REIMBURSEMENT
4966	DAVID REED CHERRY	12/02/2016	110.00	TRAVEL REIMBURSEMENT
3080	STEVEN COSTA	12/02/2016	110.00	TRAVEL REIMBURSEMENT
4944	BRETT CYPHERS	12/02/2016	558.00	TRAVEL REIMBURSEMENT
4961	PETER FOLLAND	12/02/2016	146.00	TRAVEL REIMBURSEMENT
273	W. G. GOWENS	12/02/2016	87.00	TRAVEL REIMBURSEMENT
5397	SHAWN HALPHEN	12/02/2016	110.00	TRAVEL REIMBURSEMENT
4607	MAIL FINANCE INC	12/02/2016	126.00	MAILING SYSTEM LEASE FOR CARR,
2268	INNOVATIVE OFFICE SOLUTIONS, INC	12/02/2016	846.00	PHONE MAINTENANCE
3921	KOUNTRY RENTAL, INC.	12/02/2016	1,500.00	FL RIVER COMPOSTING UNIT REPAI
4339	KATHARINE PRICE	12/02/2016	110.00	TRAVEL REIMBURSEMENT
3823	KENNETH ANDREW ROACH	12/02/2016	146.00	TRAVEL REIMBURSEMENT
TOTAL ACH TRANSFER			<u>3,967.00</u>	
TOTAL AP			<u><u>299,711.33</u></u>	

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5341	AMEC FOSTER WHEELER, INC.	12/08/2016	3,061.60	WATER RESOURCE EVALUATIONS
2992	BANK OF AMERICA	12/08/2016	485.82	PAYMENT PORTEL FOR E-PERMITTIN
2992	BANK OF AMERICA	12/08/2016	294.61	ONLINE ACCESS TO BANK ACCOUNT
2992	BANK OF AMERICA	12/08/2016	1,239.88	ACCOUNT ANALYSIS
2507	CALHOUN LIBERTY JOURNAL	12/08/2016	18.00	2017 GB MEETING SCHEDULE
3269	CDW GOVERNMENT, INC.	12/08/2016	217.12	SURVEILLANCE HARD DRIVE AND NV
3269	CDW GOVERNMENT, INC.	12/08/2016	141.72	SURVEILLANCE HARD DRIVE AND NV
3269	CDW GOVERNMENT, INC.	12/08/2016	(141.72)	CREDIT DUE TO DISTRICT
5128	CITY OF BONIFAY	12/08/2016	12,197.50	PLANNING FOR REUSE OF RECLAME
4085	DARRELL CLARK	12/08/2016	50.00	WELL PERMITTING FEE REFUND
5378	COMPREHENSIVE ENERGY SOLUTIONS, LLC	12/08/2016	235.00	EMERGENCY SERVICE TO LIEBERT A
4754	CUMMINS POWER SOUTH	12/08/2016	344.15	EMERGENCY GENERATOR ANNUAL SER
97	THE DEFUNIAK HERALD	12/08/2016	25.88	LEGAL ADS
4748	EAST MILTON WATER SYSTEM	12/08/2016	50.00	TEST AND SERVICE BACKFLOW PREV
4748	EAST MILTON WATER SYSTEM	12/08/2016	13.45	WATER-MILTON FIELD OFFICE
5147	TOWN OF ESTO	12/08/2016	443,913.63	WATER MAIN REPLACEMENT PROJECT
2702	FISH AND WILDLIFE	12/08/2016	4,261.07	LAW ENFORCEMENT/SECURITY SERVI
65	GADSDEN COUNTY TIMES	12/08/2016	42.41	LEGAL ADS
5150	TOWN OF JAY	12/08/2016	47,534.22	WATERLINE LOOP SYSTEM PROJECT
5120	JOHNSON'S AUTO REPAIR, INC.	12/08/2016	44.89	OPEN PURCHASE ORDER FOR POOL V
5120	JOHNSON'S AUTO REPAIR, INC.	12/08/2016	38.27	OPEN PURCHASE ORDER FOR POOL V
5120	JOHNSON'S AUTO REPAIR, INC.	12/08/2016	38.27	OPEN PURCHASE ORDER FOR POOL V
4070	LAYNE CHRISTENSEN COMPANY	12/08/2016	4,240.00	CONTRACT - WELL DRILLERS
2299	LIBERTY COUNTY SOLID WASTE	12/08/2016	32.00	SOLID WASTE- FL RIVER
4986	PATRICIA LUJAN	12/08/2016	7,374.16	CRESTVIEW LEASE
3406	NEECE TRUCK TIRE CENTER INC.	12/08/2016	754.87	TIRES FOR WMD96203-LAB
5386	DOYLE H. PEEL	12/08/2016	2,625.00	CONTRACT 16-089
62	PENSACOLA NEWS-JOURNAL	12/08/2016	140.42	LEGAL ADS
5330	RESEARCH PLANNING, INC.	12/08/2016	436.42	WATER RESOURCE EVALUATIONS
5404	RIMINI STREET, INC.	12/08/2016	10,789.00	ORACLE DATABASE SUPPORT
523	SANTA ROSA PRESS GAZETTE	12/08/2016	109.43	LEGAL ADS
4720	SOUTHWOOD SHARED RESOURCE CENTER	12/08/2016	1,050.77	OFFSITE DATA STORAGE
110	TALQUIN ELECTRIC COOPERATIVE, INC.	12/08/2016	2,968.72	ELECTRIC-HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	12/08/2016	87.17	SECURITY LIGHTS-HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	12/08/2016	296.62	WATEER/SEWER- HQ
4955	TERRY'S HOME & LAWN MAINTENANCE, INC.	12/08/2016	3,445.20	PUBLIC RECREATION SITE CLEAN U

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

4557	VERIZON WIRELESS	12/08/2016	877.43	JETPACKS
4315	WASHINGTON COUNTY BD OF CO COMMISSIONERS	12/08/2016	3,680.15	STREAMBANK RESTORATION, PROTEC
4626	WASTE PRO OF FLORIDA, INC	12/08/2016	156.69	SOLID WASTE-HQ
	TOTAL CHECKS		<u>553,169.82</u>	

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

4845	CALHOUN COUNTY SHERIFF'S OFFICE	12/09/2016	973.84	CALHOUN CO SHERIFF-LAW ENFCMT/
4961	PETER FOLLAND	12/09/2016	170.00	TRAVEL REIMBURSEMENT
5172	FREDDIE WILBON	12/09/2016	750.00	JANITORIAL SERVICE FOR CRESTVI
4607	MAIL FINANCE INC	12/09/2016	259.00	MAILING SYSTEM LEASE FOR CARR,
5368	KOUNTRY RENTAL NWF, INC.	12/09/2016	7,085.00	RENTAL AND SERVICE OF PORTABLE
3823	KENNETH ANDREW ROACH	12/09/2016	170.00	TRAVEL REIMBURSEMENT

TOTAL ACH TRANSFER			<u>9,407.84</u>	
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TOTAL AP			<u><u>562,577.66</u></u>	
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**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5405	AIR CHUCK INC	12/15/2016	14,907.41	RED DRAGON AERIAL IGNITION MAC
3293	ANGUS ANDREWS	12/15/2016	107.69	BOARD TRAVEL
5384	APPLIED DRILLING ENGINEERING, INC.	12/15/2016	43,972.50	WELL CONSTRUCTION AND EXPLORIT
2967	BANK OF AMERICA	12/15/2016	2,918.85	P-CARD PURCHASES
4180	BA MERCHANT SERVICES	12/15/2016	295.73	TRANSACTION FEES FOR E-PERMITT
3904	DADE PAPER & BAG COMPANY	12/15/2016	42.77	RESTROOM SUPPLIES
3904	DADE PAPER & BAG COMPANY	12/15/2016	96.87	RESTROOM SUPPLIES
3886	DEER POINT TIMBER PRODUCTS	12/15/2016	17,753.86	PERFORMANCE BOND REFUND
4264	DELL SECUREWORKS	12/15/2016	1,799.00	QUALYSGUARD EXPRESS
45	DMS	12/15/2016	0.34	SUNCOM
45	DMS	12/15/2016	1,909.36	ST JOHNS CONNECTION
45	DMS	12/15/2016	1,559.42	PHONES-HQ
5290	ECOLOGY AND ENVIRONMENT, INC.	12/15/2016	52,740.00	WATER RESOURCE ASSESSMENT, DES
4855	ENVIRON SERVICES INCORPORATED	12/15/2016	2,127.00	JANITORIAL SERVICES,HEADQUARTE
5298	TED EVERETT	12/15/2016	65.86	BOARD TRAVEL
3409	FAIRPOINT REGIONAL UTILITY SYSTEM, INC.	12/15/2016	19,777.00	WELL NO 7 & TRANSMISSION LINE PROJECT
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/15/2016	5,367.00	FUEL
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/15/2016	1,651.63	WEX TELEMATICS FLEET MANAGEMEN
4807	WRIGHT EXPRESS FINANCIAL SERVICES CORPORATION	12/15/2016	25.00	FLEET MANAGEMENT SYSTEM - LAND
4273	ROBERT T. MIXON	12/15/2016	159.95	8" LEATHER FIRE BOOTS
2701	FLORIDA MUNICIPAL INSURANCE TRUST	12/15/2016	21,157.50	2ND INSTALLMENT FY 16-17
5410	GUARDIAN AUTOMOTIVE	12/15/2016	490.75	REPAIR WMD-0970, ENGINE FAILUR
916	GULF POWER COMPANY	12/15/2016	571.29	ELECTRIC-CRESTVIEW
916	GULF POWER COMPANY	12/15/2016	552.65	ELECTRIC-MILTON
61	JACKSON COUNTY FLORIDAN	12/15/2016	229.65	LEGAL ADS
5120	JOHNSON'S AUTO REPAIR, INC.	12/15/2016	69.56	VEHICLE SERVICE TO WMD96200
5120	JOHNSON'S AUTO REPAIR, INC.	12/15/2016	41.14	OPEN PURCHASE ORDER FOR POOL V
5120	JOHNSON'S AUTO REPAIR, INC.	12/15/2016	44.89	OPEN PURCHASE ORDER FOR POOL V
4873	MAIN STREET AUTOMOTIVE, INC.	12/15/2016	28.76	OPEN PURCHASE ORDER FOR ERP-CF
4873	MAIN STREET AUTOMOTIVE, INC.	12/15/2016	658.43	TIRES FOR WMD2420, CFO
4873	MAIN STREET AUTOMOTIVE, INC.	12/15/2016	29.66	OIL CHANGE WMD 96201
252	MONTICELLO NEWS	12/15/2016	43.75	LEGAL AD
4600	MYTHICS, INC.	12/15/2016	1,951.35	ORACLE SUPPORT
3198	MILTON AUTO PARTS, INC.	12/15/2016	329.12	SHOP SUPPLIES, BATTERIES, MULC
5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	19.24	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	12.91	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	31.88	ANNUAL MAINTENANCE AGREEMENTS

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	25.74	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	0.06	ANNUAL MAINTENANCE AGREEMENTS
5414	OFFICE BUSINESS SYSTEMS, INC.	12/15/2016	82.95	ANNUAL MAINTENANCE AGREEMENTS
1205	OFFICE DEPOT, INC.	12/15/2016	426.24	TONER ORDER
1205	OFFICE DEPOT, INC.	12/15/2016	11.87	OFFICE SUPPLIES
1205	OFFICE DEPOT, INC.	12/15/2016	102.80	OFFICE SUPPLIES
4090	JERRY PATE	12/15/2016	162.87	BOARD TRAVEL
4849	NICK PATRONIS	12/15/2016	81.88	BOARD TRAVEL
3370	PAUL'S MARINE SERVICE INC.	12/15/2016	299.67	REPAIR MERCURY 9.9HP 4-STORKE
5315	JAMES PETERSON JR.	12/15/2016	75.00	SECURITY DETAIL
906	PURVIS, GRAY AND COMPANY, LLP	12/15/2016	9,020.00	FINANCIAL AUDIT SERVICES
5251	RANDSTAD NORTH AMERICA, INC.	12/15/2016	262.46	STAFF AUG SERVICES
5251	RANDSTAD NORTH AMERICA, INC.	12/15/2016	3,520.00	ENTERPRISE ARCHITECTURE CONSUL
5251	RANDSTAD NORTH AMERICA, INC.	12/15/2016	160.00	ENTERPRISE ARCHITECTURE CONSUL
3960	GEORGE ROBERTS	12/15/2016	81.88	BOARD TRAVEL
4967	SAMUEL SPRING	12/15/2016	85.44	BOARD TRAVEL
4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/15/2016	191.54	OFFICE SUPPLIES
5161	TEN-8 FIRE EQUIPMENT, INC.	12/15/2016	12,725.00	SKID UNIT FOR FIRE SUPPRESSION
4637	THE ICE BOX COMPANY INC.	12/15/2016	98.22	FIELD SUPPLIES
5244	TOWN OF GREENSBORO	12/15/2016	6,858.50	ASBESTOS CEMENT PIPE REPLACEME
5218	WAGeworks, INC.	12/15/2016	132.60	ADMIN FEES FOR FSA
3462	WASTE MANAGEMENT OF PANAMA CITY	12/15/2016	155.00	DUMPSTER FOR ECONFINA OFFICE A
4774	JOHN T WILLIAMSON	12/15/2016	175.00	JANITORIAL SERVICES - MILTON O

TOTAL CHECKS

228,274.49

4961	PETER FOLLAND	12/16/2016	126.00	TRAVEL REIMBURSEMENT
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	12/16/2016	1,157.84	MAINTENANCE- MONITORING HQ - C
4607	MAIL FINANCE INC	12/16/2016	126.00	MAILING SYSTEM LEASE FOR CARR,
3942	A & W VENTURES, L.C.	12/16/2016	151.34	PORTABLE TOILET FOR PHIPPS PAR
2268	INNOVATIVE OFFICE SOLUTIONS, INC	12/16/2016	846.00	PHONE MAINTENANCE
5368	KOUNTRY RENTAL NWF, INC.	12/16/2016	207.50	CLEANING OF ECONFINA OFFICE
3823	KENNETH ANDREW ROACH	12/16/2016	126.00	TRAVEL REIMBURSEMENT

TOTAL ACH TRANSFER

2,740.68

TOTAL AP

231,015.17

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5341	AMEC FOSTER WHEELER, INC.	12/22/2016	240.60	WATER RESOURCE EVALUATIONS
2967	BANK OF AMERICA	12/22/2016	772.50	TRAINING - AQUARIUS DATA MANAG
2967	BANK OF AMERICA	12/22/2016	35.58	LATE FEE/FINANCE CHARGES
2992	BANK OF AMERICA	12/22/2016	485.64	PAYMENT PORTEL FOR E-PERMITTIN
2992	BANK OF AMERICA	12/22/2016	289.28	ONLINE ACCESS TO BANK ACCOUNT
2992	BANK OF AMERICA	12/22/2016	1,050.63	ACCOUNT ANALYSIS
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	12/22/2016	51,004.42	EMPLOYEE MEDICAL INSURANCE
1617	CAPITAL HEALTH PLAN	12/22/2016	74,715.60	EMPLOYEE MEDICAL INSURANCE
3269	CDW GOVERNMENT, INC.	12/22/2016	3.85	POWER FOR SECURITY CAMERAS & B
3269	CDW GOVERNMENT, INC.	12/22/2016	98.43	POWER FOR SECURITY CAMERAS & B
3524	CITY OF CRESTVIEW	12/22/2016	85.65	WATER/SEWER CRESTVIEW FIELD OFFICE
4676	CITY OF MILTON FLORIDA	12/22/2016	64.99	DUMPSTER SERVICE
4676	CITY OF MILTON FLORIDA	12/22/2016	24.83	SEWER-MILTON FIELD OFFICE
5422	CITY OF SOPCHOPPY	12/22/2016	20,261.50	WATER SYSTEM IMPROVEMENTS
3289	CITY OF TALLAHASSEE	12/22/2016	37.92	LAKESHORE
3380	CLIVUS MULTRUM, INC.	12/22/2016	36.65	RESTROOM REPAIR PARTS
5378	COMPREHENSIVE ENERGY SOLUTIONS, LLC	12/22/2016	245.00	PREVENTIVE MAINTENANCE ON A-C
4754	CUMMINS POWER SOUTH	12/22/2016	726.63	REPAIR HEADQUARTERS GENERATOR
4754	CUMMINS POWER SOUTH	12/22/2016	621.55	GENERATOR REPAIR WORK
97	THE DEFUNIAK HERALD	12/22/2016	24.75	LEGAL ADS
97	THE DEFUNIAK HERALD	12/22/2016	19.13	2017 GOVERNING BOARD MEETING S
1709	DIVISION OF ADMINISTRATIVE HEARINGS	12/22/2016	298.00	COX ADMINISTRATIVE HEARING
45	DMS	12/22/2016	1,368.02	PHONES-SUNCOM
45	DMS	12/22/2016	5.55	SUNCOM
45	DMS	12/22/2016	9,170.89	MY FLORIDA NET-ALL
3662	FL DEPT OF ENVIRONMENTAL PROTECTION	12/22/2016	1,340.00	PERMIT MOD FEE (SHLMB)
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	12/22/2016	26.46	FAR NOTICE (MYSTIC SPRINGS)
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	12/22/2016	29.82	FAR ADS 10/01/2016-9/30/2017 B
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	12/22/2016	24.36	FAR AD FOR ITB 17B-006 - DEVIL
65	GADSDEN COUNTY TIMES	12/22/2016	41.12	LEGAL ADS
65	GADSDEN COUNTY TIMES	12/22/2016	33.38	2017 GB MEETING SCHEDULE
35	GOODYEAR TIRE AND RUBBER COMPANY	12/22/2016	415.04	TIRES FOR WMD0014-LAB
3282	W.W. GRAINGER, INC.	12/22/2016	196.72	FIELD SUPPLIES
3282	W.W. GRAINGER, INC.	12/22/2016	310.67	FIELD SUPPLIES
3282	W.W. GRAINGER, INC.	12/22/2016	116.52	FIELD SUPPLIES

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

5410	GUARDIAN AUTOMOTIVE	12/22/2016	228.13	VEHICLE REPAIR FOR WMD96203-LA
2291	GULF COAST ELECTRIC COOPERATIVE, INC	12/22/2016	257.84	ELECTRIC-ECONFINA FIELD OFFICE
3692	HYDROLOGICAL SERVICES AMERICA	12/22/2016	827.09	REED SWITCH ASSEMBLIES FOR RA
3193	INSURANCE INFORMATION EXCHANGE	12/22/2016	48.80	BACKGROUND SCREENING
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	12/22/2016	179.38	LEASE & MAINTENANCE FOR REG CO
5294	KRONOS, INCORPORATED	12/22/2016	17.50	TIMESHEET PROGRAM
5409	MARTIN ENVIRONMENTAL SERVICES, INC	12/22/2016	140.00	PORTABLE TOILETS
5409	MARTIN ENVIRONMENTAL SERVICES, INC	12/22/2016	140.00	PORTABLE TOILETS
5409	MARTIN ENVIRONMENTAL SERVICES, INC	12/22/2016	140.00	PORTABLE TOILETS
5409	MARTIN ENVIRONMENTAL SERVICES, INC	12/22/2016	140.00	PORTABLE TOILETS
5356	MOLINO UTILITIES, INCORPORATED	12/22/2016	68,538.47	WATERMAIN UPGRADE
5425	NATURE COAST TIMBER, LLC	12/22/2016	66,803.83	PERFORMANCE BOND REFUND
1205	OFFICE DEPOT, INC.	12/22/2016	69.98	BOXES
423	OKALOOSA CO. TAX COLLECTOR	12/22/2016	184.45	PARCEL REFUND
2663	PATIENTS FIRST APPELYARD, INC	12/22/2016	49.00	LABORATORY TESTING
71	PETTY CASH	12/22/2016	77.00	PETTY CASH
4081	POT-O-GOLD RENTALS, LLC	12/22/2016	1,120.00	PORTABLE TOILETS
5251	RANDSTAD NORTH AMERICA, INC.	12/22/2016	320.00	ENTERPRISE ARCHITECTURE CONSUL
5330	RESEARCH PLANNING, INC.	12/22/2016	736.38	WATER RESOURCE EVALUATIONS
5183	ROBERT J YOUNG COMPANY, INC	12/22/2016	123.45	COPIER LEASE FOR FACILITIES
4897	SIGN PRO OF NORTH FLORIDA, INC.	12/22/2016	378.24	REPLACEMENT ASH PANEL SIGN
3213	SHI INTERNATIONAL CORP	12/22/2016	311.00	ADOBE PRO UPGRADE FOR GRACE AD
4720	SOUTHWOOD SHARED RESOURCE CENTER	12/22/2016	883.48	OFFSITE DATA STORAGE
4799	STAPLES CONTRACT & COMMERCIAL, INC.	12/22/2016	40.60	OFFICE SUPPLIES
5385	CORA L. STRICKLAND	12/22/2016	28,300.00	AGRICULTURAL BMP COST SHARE AG
4832	SUN LIFE FINANCIAL	12/22/2016	6,569.50	PREPAID DENTAL ACCT 5
5242	MARSIGLIO & MURPHY DESIGN GROUP, INC.	12/22/2016	7,050.00	RESERVATION SYSTEM, HOSTING AN
3711	US POSTAL SERVICE-HASLER	12/22/2016	600.00	POSTAGE FOR CARR BUILDING
3696	URS CORPORATION	12/22/2016	8,764.09	FL PORTAL/LIDAR WEBMAINT TO 120
5218	WAGeworks, INC.	12/22/2016	59.15	COBRA ADMINISTRATION
2631	WASHINGTON COUNTY SHERIFF'S OFFICE	12/22/2016	11,711.60	LAW ENFORCEMENT/SECURITY
4038	WINDSTREAM COMMUNICATIONS	12/22/2016	45.83	EFO LONG DISTANCE & 800#S
3048	YATES CONTRACTING, INC.	12/22/2016	1,470.00	ROAD REPAIR MATERIALS
2320	YSI INCORPORATED	12/22/2016	520.00	WATER QUALITY SENSORS, PH

TOTAL CHECKS

371,066.47

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS**

2453	ESCAMBIA COUNTY PROPERTY APPRAISER	12/23/2016	3,402.00	2ND QTR FY 16-17
4961	PETER FOLLAND	12/23/2016	110.00	TRAVEL REIMBURSEMENT
4607	MAIL FINANCE INC	12/23/2016	126.00	MAILING SYSTEM LEASE FOR CARR,
5032	WILLIAM HUNKAPILLER	12/23/2016	99.00	TRAVEL REIMBURSEMENT
3340	KAREN KEBART	12/23/2016	167.99	TRAVEL REIMBURSEMENT
2516	HAINES J. LAYFIELD JR.	12/23/2016	99.00	TRAVEL REIMBURSEMENT
3823	KENNETH ANDREW ROACH	12/23/2016	110.00	TRAVEL REIMBURSEMENT
4642	COAKLEY TAYLOR	12/23/2016	200.00	REIMBURSEMENT
4270	VIEUX & ASSOCIATES, INC.	12/23/2016	2,400.00	GAUGE ADJUSTED RADAR RAINFALL
TOTAL ACH TRANSFER			<u>6,713.99</u>	
TOTAL AP			<u><u>377,780.46</u></u>	

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

PAYROLL

DECEMBER 2016

DIRECT DEPOSIT	12/09/2016	\$	206,914.88
CHECKS	12/09/2016		1,607.55
FLEX SPENDING EFT	TF0016		1,596.02
DIRECT DEPOSIT	12/23/2016		204,584.02
CHECKS	12/23/2016		1,493.38
FLEX SPENDING EFT	TF0018		1,596.02
		\$	<u><u>417,791.87</u></u>

APPROVED:

Chairman or Executive Director

February 9, 2017

Date

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Richard Law
Law, Redd, Crona and Munroe, P.A.
District Inspector General

DATE: February 9, 2017

SUBJECT: Consideration of Inspector General's Audit Work Plan for Fiscal Year 2016-2017

Recommendation

Approval is requested for the Inspector General's Audit Work Plan for FY 2016-2017.

Background

The proposed Audit Work Plan for FY 2016-2017, developed in consultation with the District, is attached for your review and consideration.

The presentation schedule for the FY 2015-2016 internal audit reports is as follows:

Report 16-01 " Report on Internal Audit of District Corrective Action Addressing Information Technology Control Deficiencies Disclosed in LRCM Report #14-01"	Presented July 14, 2016
Report on Motor Vehicle Usage and Maintenance	March 9, 2017 Agenda
Report on Tangible Personal Property	To Be Determined

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
2017 INTERNAL AUDIT WORK PLAN**

Audit Area	Tentative Work Plan	Planned Start Date	Estimated Hours
Planning	– Meetings with District Director of Administration and External Auditor – Identify areas of concern – Design of Specific Audit Procedures – Presentation of Audit Plan to District Governing Board	February 2017	30
Tangible Personal Property (TPP)	– Review internal control procedures over TPP through review of policies and procedures and inquiry of personnel – Review District records to determine if physical inventories are being conducted – Test the reconciliation of physical inventories with subsidiary property records – Test a sample of fixed asset purchases – Test a sample of fixed asset disposals – Test IT access controls and software change controls for the new e-Quip inventory system	February 2017	60
Payroll	– Review internal control procedures over payroll as set forth in the District's policies and procedures manual – Test a sample of employees to verify that rates of pay are authorized – For a sample of new hires, test personnel files to determine the accuracy and sufficiency of documentation maintained by the Human Resource (HR) and Payroll Departments – Test a sample of terminated employees for proper cutoff of the last payroll check and accuracy of accrued leave payment. – Test Munis access privileges to determine if Munis has been set to enforce an appropriate segregation of duties related to HR and payroll – Test Kronos access privileges to determine if access to timekeeper functions is appropriately limited – Review a SOC report on the controls of the Kronos host data center – Review internal controls over the transmittal of payroll direct deposit authorizations to the bank	April 2017	80
Discretionary	– Reserved for procedures to be performed at the discretion of the inspector general without the prior knowledge of management Perform additional procedures as deemed necessary as a result of other procedures performed or at the request of the District's Governing Board, management, and/or external auditor	March – December 2017	60
Reporting	– Preparation of Internal Audit Reports – Presentation of Draft Report to District Director of Administration – Presentation of Final Audit Report to Governing Board – Presentation to External Auditor and provide copies of work papers	November/ December 2017	60

Total Hours	290.00
Estimated Blended Hourly Rate	\$ 157.00
Estimated Fee	<u>\$45,530.00</u>

ESTIMATED BLENDED HOURLY RATE

	<u>Hourly Rate</u>	<u>Percent Utilized</u>	<u>Extension</u>
Partner	\$220	20%	\$ 44.00
Audit Manager	\$155	20%	31.00
IT Audit Manager	\$180	20%	36.00
Senior Auditor	\$120	30%	36.00
Staff Auditor	\$100	10%	<u>10.00</u>
	Blended Rate		<u>\$ 157.00</u>

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Assistant Executive Director

FROM: Wendy Dugan, Director, Division of Administration

DATE: February 9, 2017

SUBJECT: Consideration of Renewal of Employee Health and Life Insurance

Recommendation

Staff recommends the Governing Board approve the renewal of the employee health and life insurance policies for the year beginning April 1, 2017, and ending March 31, 2018.

Background

The District's employee health coverage, a dual option plan with Capital Health Plan of Tallahassee (an HMO) and Florida Blue (a PPO) will expire on March 31. The insurance is renewed on an annual basis with the approval of the Governing Board.

To maintain a comparable level of health insurance coverage for District employees, and with the current providers, the premiums will increase by 2.28 percent over the current year rate. The District contributes 87 percent of the premium for regular staff and 98 percent for those in management positions.

Florida Blue(BCBS) / Capital Health Plan (CHP) Health Insurance Rates								
Coverage	Current 2016	April 2017 Renewal						
	Rates	Rates	Increase					
			District Portion*		Employee Portion*		Total*	
Employee	\$669.40	\$684.65	\$13.27	1.98%	\$1.98	0.30%	\$15.25	2.28%
Employee/Children	\$1,154.46	\$1,180.76	\$22.88	1.98%	\$3.42	0.30%	\$26.30	2.28%
Employee/Spouse	\$1,392.34	\$1,424.06	\$27.60	1.98%	\$4.12	0.30%	\$31.72	2.28%
Full Family	\$2,000.06	\$2,045.62	\$39.64	1.98%	\$5.92	0.30%	\$45.56	2.28%

* Figures are based on District contribution of 87% of the premium for Regular Class. The District contribution is 98% for Select Exempt and Senior Management Classes.

In addition to health insurance, the District provides a \$25,000 life insurance policy for employees in authorized positions through Sun Life, Inc.

The rate paid by the District on the life insurance is increasing by \$.05 per \$1,000 of coverage (or 14.71%); the accidental death and dismemberment insurance will remain at the current rate.

Life and Accidental Death and Dismemberment Rates-Assurant				
Policy	Current 2016	April 2017 Renewal		
	Rate per \$1,000 Coverage*	Increase		
Life	\$0.34	\$0.39	\$0.05	14.71%
Accidental Death	\$0.04	\$0.04	\$0.00	0.00%

* Figures are based on the District's contribution of 100% of the rate for coverage of \$25,000.

Under the Health Insurance Portability and Accountability Act (HIPPA) we are required to hold an annual open enrollment. We would like to start the open-enrollment period on Monday, February 13, 2017, and give employees at least 30 days to review their options. The open enrollment allows employees to discuss coverage details with the company representatives, make changes to insurance options including the supplemental insurance products offered through the District, and make changes to dependent coverage.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Assistant Executive Director
William O. Cleckley, Director, Division of Land Management and Acquisition

FROM: Carol L. Bert, Lands Administrator III

DATE: January 17, 2017

SUBJECT: Consideration of Florida Forever 2017 Five-Year Work Plan for Land Acquisition

Recommendation:

Staff recommends the Governing Board approve the 2017 Florida Forever Five-Year Work Plan.

Background:

Section 373.139, Florida Statutes, requires the District to adopt, in a public hearing, a Five-Year Work Plan for land acquisition. The District's 2017 land acquisition program will focus on acquiring properties that improve the quality and/or quantity of water flowing from springs. The use of a Conservation Easement (CE) will be the preferred method of acquisition as it allows resource protection goals to be met while producing considerable savings to taxpayers, both at the time of purchase, and in long-term management and maintenance costs. The use of this less-than-fee acquisition method also allows the landowner to retain title to the property and the ability to operate the property, within the provisions of the CE, in an economically beneficial manner.

Additions and modifications to this year's plan include:

Jackson Blue Spring Groundwater Contribution Area and Chipola River (Jackson County) – add 24,370 acres to allow for potential fee or less than fee simple acquisitions in the groundwater contribution (or recharge) area and within areas along the Chipola River for current and future potential springs projects.

Wakulla Springs Groundwater Contribution Area (Wakulla County) – add 74,083 acres to include potential fee simple in the groundwater contribution (or recharge) area for current and future potential springs projects. The new area is located in Leon and Wakulla counties.

The Florida Department of Environmental Protection (DEP) has issued Basin Action Management Plans (BMAP) for two first magnitude springs in northwest Florida: the Upper Wakulla River and Wakulla Springs basin in October 2015 and the Jackson Blue Spring and Merritts Mill Pond Basin in May 2016. The goal of both plans is to restore the springs and their biological communities by reducing nitrogen loading, the primary pollutant impacting the waterbodies. The Wakulla Springs BMAP delineates two Primary Focus Areas within the BMAP boundary located in southern Leon and northern Wakulla counties. The Jackson Blue Spring BMAP currently identifies the entire spring basin as the focus area. As land acquisition for water quality protection is a method of achieving management strategies identified in the BMAPs, the primary focus areas of both BMAPs were added to the District's Florida Forever Land Acquisition Work Plan.

Holmes Creek (Washington County) – add 855 acres along Holmes Creek as priority fee simple or less-than-fee simple acquisition for the current Cypress Spring or future potential springs projects. This new area is located in Washington County.

Econfina Creek (Bay County) – change 982 acres from greenways connection corridors to priority fee simple or less than fee simple acquisitions for current spring's project. This area is located in Bay County.

Greenways Connection Corridor (Walton County) – removal of over 19,000 acres of greenways connection corridor between Eglin Air Force Base and Choctawhatchee River in Walton County. This area is being removed because the majority of the greenways connection corridor is owned by Nokuse Plantation and the Board of Trustees holds a CE on this property. In addition, 1,260 acres was removed from Priority Fee Simple Acquisition, east of Lafayette Creek, because this acreage is also held as a CE by the Board of Trustees.

/cb

Northwest Florida Water Management District



Florida Forever Work Plan
February 9, 2017

MD-1-17

Northwest Florida Water Management District Governing Board

George Roberts, Chair
Panama City

Jerry Pate, Vice Chair
Pensacola

John Alter, Secretary-Treasurer
Malone

Gus Andrews
DeFuniak Springs

Jon Costello
Tallahassee

Marc Dunbar
Tallahassee

Ted Everett
Chipley

Nick Patronis
Panama City Beach

Bo Spring
Port St. Joe

Brett J. Cyphers, Executive Director
Adopted February 9, 2017

For additional information, write, call or visit our website:

Northwest Florida Water Management District
81 Water Management Drive
Havana, Florida 32333-4712
(850) 539-5999
www.nwfwater.com

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Introduction

Section 373.199(7), F.S. requires the Northwest Florida Water Management District (District) to annually update the Florida Forever Five-Year Work Plan. To date, this is the 16th annual update of the 2001 Florida Forever Five-Year Work Plan. Since 2006 this plan has been presented as a separate chapter in the Consolidated Annual Report as required by section 373.036(7), F.S. This plan contains information on projects eligible to receive funding under the Florida Forever Act and Land Acquisition Trust Fund and also reports on land management activities, lands surplused or exchanged and the progress of funding, staffing and resource management of projects for which the District is responsible. This plan also applies to land acquisition funds deposited into the Land Acquisition Trust Fund pursuant to s.28(a), Art. X of the State Constitution.

Florida Forever Program

In 1999, the Florida Legislature passed the Florida Forever Act (section 259.105, F.S.) which has continued the state's long-term commitment to environmental land acquisition, restoration of degraded natural areas, and high-quality outdoor recreation opportunities.

While previous programs focused almost exclusively on the acquisition of environmentally sensitive lands, the Florida Forever program is somewhat different in that it authorizes the use of up to half of the program funding for certain types of capital improvement projects. Eligible uses of these funds include water resource development, stormwater management projects, water body restoration, recreation facilities, public access improvements, and removing invasive plants, among others. The remaining 50 percent must be spent on land acquisition and the table below illustrates actual expenditures for land acquisition using Florida Forever funding.

Water Management Area	Acres	Dollars Expended
Perdido River	6,044	\$13,535,865
Escambia River	697	\$ 1,231,692
Yellow River	205	\$ 630,046
Choctawhatchee River	4,269	\$ 6,162,350
Econfina Creek	3,663	\$ 7,977,220
Apalachicola River	1,912	\$ 3,981,132
Chipola River	2,440	\$ 5,922,785
St. Marks River	830	\$ 1,862,050
Ochlockonee River	1,529	\$ 1,951,197

Since the inception of the District's land acquisition program, the goal has been to protect the floodplain of our major rivers and creeks. To date, more than 223,555 acres have been protected for water resource purposes through the land acquisition efforts of the District either in fee simple or through conservation easements.

Acquisition Planning

The District employs a watershed approach to select and prioritize the water resources and natural systems within the major river basins of northwest Florida. Primary among the considerations in this process are how specific floodplain or buffer areas help satisfy the District's water resources and natural system protection objectives; the availability of funds; the seller's willingness; how different areas fit into the District's land management strategy; and the size, accessibility, and overall condition of each property. Recommendations from interest groups, landowners, local governments, agency representatives, and other interested parties are given full consideration in the acquisition process.

Subject to receiving funding, the District's acquisition efforts this year will focus on the purchase of inholdings and additions to the existing water management areas (WMAs) as well as Conservation Easements in each of the existing WMA's and projects that protect the quality and quantity of water that flows into and out of springs. Existing WMAs include the Perdido River, Escambia River, Blackwater River, Yellow River, Garcon Point, Choctawhatchee River/Holmes Creek, Econfinia Creek, Chipola River, and Apalachicola River. All of these WMAs will be high priority areas for the acquisition of additions and inholdings. Acquisition efforts will be directed toward acquiring those properties which the District adjoins on one, two or three sides (additions) or those parcels which the District surrounds on all sides (inholdings). In addition, the District's acquisition efforts will also focus on acquiring fee or less than fee simple interest in properties located within the Jackson Blue and Wakulla Springs Groundwater Contribution Areas.

In developing the annual update, District staff shall review projects proposed by DEP's Division of State Lands in order to minimize redundancy and facilitate an efficient and mutually supportive land acquisition effort.

Approved Acquisition Areas

The approved acquisition areas listed below are not presented on a priority basis. For each of these water bodies, it is desirable to acquire both the floodplain and a natural buffer zone to provide further water resource protection.

Rivers & Creeks Originating In Florida	Rivers and Creeks Originating Outside Florida	Springs	Lakes & Ponds	Other Ecosystems, Basins and Buffers
Wakulla River	Apalachicola River	St. Marks River near Natural Bridge	Lake Jackson	Southwest Escambia County Ecosystem
St. Marks River	Lower Apalachicola River Wetland	Spring Lake Spring Group Area	Sand Hill Lakes	Garcon Point Ecosystem
Econfinia Creek and other Tributaries of Deer Point Lake	Chipola River	Bosel Springs Waddell Springs		West Bay Buffer
Lafayette Creek	Choctawhatchee River including Holmes Creek	Cypress Spring		Sandy Creek Basin
	Escambia River	Hays Springs		Apalachicola Bay and St. Vincent Sound Buffer
	Blackwater River including Juniper, Big Coldwater and Coldwater creeks	Gainer Springs		
	Ochlockonee River and its major tributaries	Jackson Blue Spring		
	Yellow and Shoal Rivers	Wakulla Spring		
	Perdido River and Bay			

Groundwater Recharge Areas
Such lands may be designated by the District as Recharge Areas for the Floridan, Sand-and-Gravel and other important aquifers and may be acquired in fee simple or less than fee simple.
Donated Lands
The District will accept donations of lands within its major acquisition areas if those lands are necessary for water management, water supply and the conservation and protection of land and water resources.
Exchange Lands
The District may exchange lands it has acquired under the Florida Forever program for other lands that qualify for acquisition under the program. The District's Governing Board establishes the terms and conditions it considers necessary to equalize values of the exchange properties. In all such exchanges, the District's goal will be to ensure that there is no net loss of wetland protection and that there is a net positive environmental benefit.
Mitigation Acquisitions
Under Florida law, unavoidable losses of natural wetlands or wetland functions require "mitigation" through the acquisition or restoration of other nearby wetlands. The District is often the recipient of such lands in the form of donations and also serves as the mitigation agent for the Florida Department of Transportation. Whenever possible, the District attempts to acquire mitigation lands contiguous to its existing ownership, but since proximity to the original wetland impact is often paramount, the District will on occasion acquire or manage isolated tracts at times.
Surplus
Chapter 373.089, F.S., allows the Governing Board of the District to sell (surplus) lands or interest or rights in lands to which the District has acquired title or to which it may hereafter acquire title. Any lands, or interests or rights in lands, determined by the Governing Board to be surplus may be sold by the District at any time for the highest price, but in no case shall the selling price be less than the appraised value.

Surplus Lands

District staff conducted an evaluation of all District lands to determine if there were any parcels appropriate for surplus. The parcels recommended for surplus were small, non-contiguous, isolated tracts or connected only on a corner. The following tracts were declared surplus by the District's Governing Board.

WMA	Acres	County	Acquired Date	Status
Blackwater River	0.4	Santa Rosa	August 3, 2001	Sold on 12-13-13
Choctawhatchee River	38	Walton	July 31, 1992	Sold on 02-14-14
Choctawhatchee River	38	Walton	July 31, 1992	For Sale
Econfina Creek	8.39	Washington	December 19, 1997	For Sale
Econfina Creek	2.6	Bay	April 17, 2006	Sold on 06-12-15
Escambia River	115	Escambia	April 26, 1994	For Sale
Yellow River	1.5	Okaloosa	December 15, 1999	Sold on 12-13-13
Yellow River	61.1	Okaloosa	December 15, 1999	Exchanged 01-24-14

Note to Landowners

It is important to note the District's land acquisition process only involves willing sellers and is usually initiated by landowners offering parcels for sale.

This plan includes a number of areas the District has identified for potential purchase. If your property is included in any of our acquisition areas or maps and you do not desire to sell your land to the District, Florida Statutes require the District to remove your property from the acquisition plan at the earliest opportunity. Please contact the Division of Land Management and Acquisition at (850) 539-5999 at any time if you wish to remove your property from possible purchase consideration. The District will maintain a list of such requests and annually adjust its acquisition plan accordingly.

Less Than Fee Methods of Land Protection

In less than fee purchases, the District attempts to acquire only those rights in property (i.e., development and land use conversion rights) that are needed to accomplish specific resource protection goals. Such less than fee methods can provide a number of public benefits. First, acquisition funding can be conserved, thereby enabling the protection of more land with limited funds. Also, the property continues in private ownership and thus may remain on local property tax rolls. Moreover, the District does not incur the long-term costs of land management since the property's management and maintenance remains the landowner's responsibility. Not all properties are suitable for less than fee acquisition, but the potential benefits make these kinds of transactions the preferred alternative to the District's typical fee-simple land purchases.

DEP Florida Forever Priority List

The Florida Forever Priority List can be found at <http://www.dep.state.fl.us/lands/FFplan.htm>

Florida Forever Goals and Numeric Performance Measures

As outlined in Chapter 18-24, F.A.C., the District is required to report on the goals and measures for lands to be acquired under the Florida Forever program. The following page summarizes the goals and measures applicable to Northwest Florida Water Management District.

Florida Forever Goals and Numeric Performance Measures

Reported as of October 1, 2016

Rule No. 18-24.0022

(2)(d)1. For proposed acquisitions, see section 5.1, (Florida Forever) Land Acquisition Five-Year Work Plan in the Consolidated Annual Report.

Acquisitions of lakes, wetlands, and floodplain areas to date = 187,112 Total acres
15,255 Florida Forever acres

(2)(d)2. Acquisitions for water resource development to date = 41,616 Total acres (incl. fee and l-t-f)
3,663 Florida Forever acres (incl. fee and l-t-f)

(3)(a)2. Refer to section 5.2, (Florida Forever) Capital Improvement Work Plan of the Consolidated Annual Report for funded capital improvements identified in SWIM, stormwater, or restoration plans.

(3)(a)3. NFWFMD lands to be treated for upland invasive, exotic plants = <5,000 acres
The District has not conducted surveys to identify the spatial distribution of invasive exotic plant infestation on District lands. It is known that invasive plant problems exist at varying levels on some District lands, and staff treat with herbicide as needed.

(3)(b) New water to be made available through Florida Forever funding for water resource development -
Major water resource development accomplishment has been provided by additions to Econfina Creek Water Management Area (1992-2009). Additionally, Florida Forever funding has in the past contributed to the construction of a 750,000 gallon reuse storage facility for the City of Freeport to serve a 0.6 MGD reuse water service area (project completed in 2009). Funding for water supply development, including construction of water reuse facilities, is primarily provided through the Water Protection and Sustainability Program Trust Fund, NFWFMD General Fund, and local funding. See the NFWFMD Five-Year Water Resource Development Work Program report and Consolidated Annual Report.

(4)(a)1. NFWFMD lands that are in need of and are undergoing restoration, enhancement or management by the District.

In need of restoration, enhancement and management = 12,707 acres
Undergoing restoration or enhancement = 652 acres
Restoration completed = 21,892 acres
Restoration maintenance = 21,892 acres

(4)(a)3. Refer to section 5.2, (Florida Forever) Capital Improvement Work Plan of the Consolidated Annual Report for capital improvements identified in SWIM, stormwater, or restoration plans.

(4)(a)6. NFWFMD lands under upland invasive, exotic plant maintenance control = <10,000 acres

(4)(b) Refer to section 4.1, Five-Year Water Resource Development Work Program: FY 2016-2017 of the Consolidated Annual Report for quantity of new water made available through regional water supply plans.

(4)(c) See section 5.1, (Florida Forever) Land Acquisition Work Plan (Table 5.5) of the Consolidated Annual Report for resource-based recreation facilities by type.

Land Acquisition Projects

The Florida Forever Act, in particular section 373.199(3) F.S., identifies information that must be included for each Florida Forever Project. Some of the required information is relatively general and applicable to all projects. To reduce the redundancies of this plan, general information is provided separately as part of the District's Five-Year Plan for the Florida Forever Program. Specific land acquisition projects are individually identified and detailed information specific to the project is provided in the following pages.

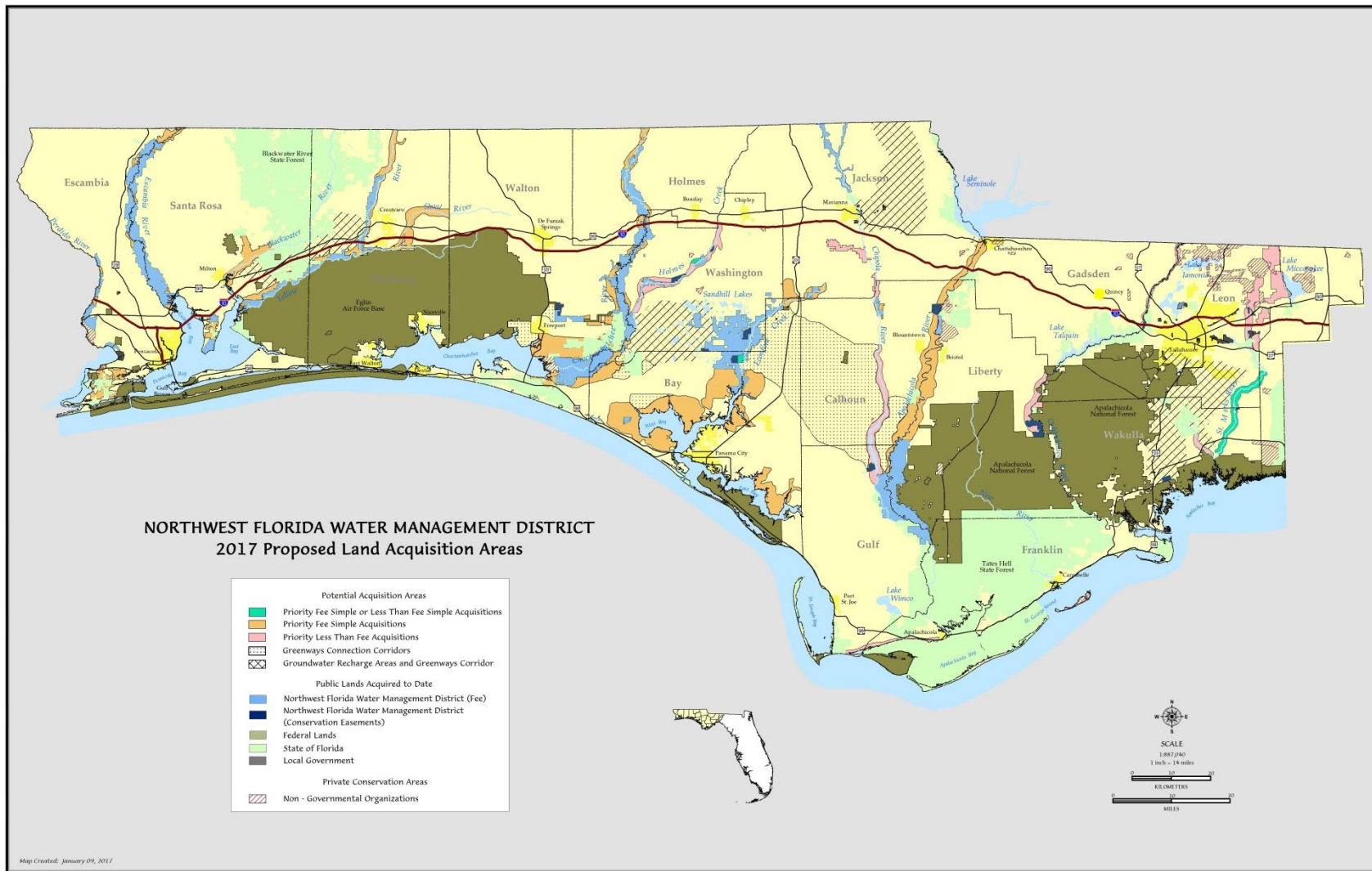


Figure 1

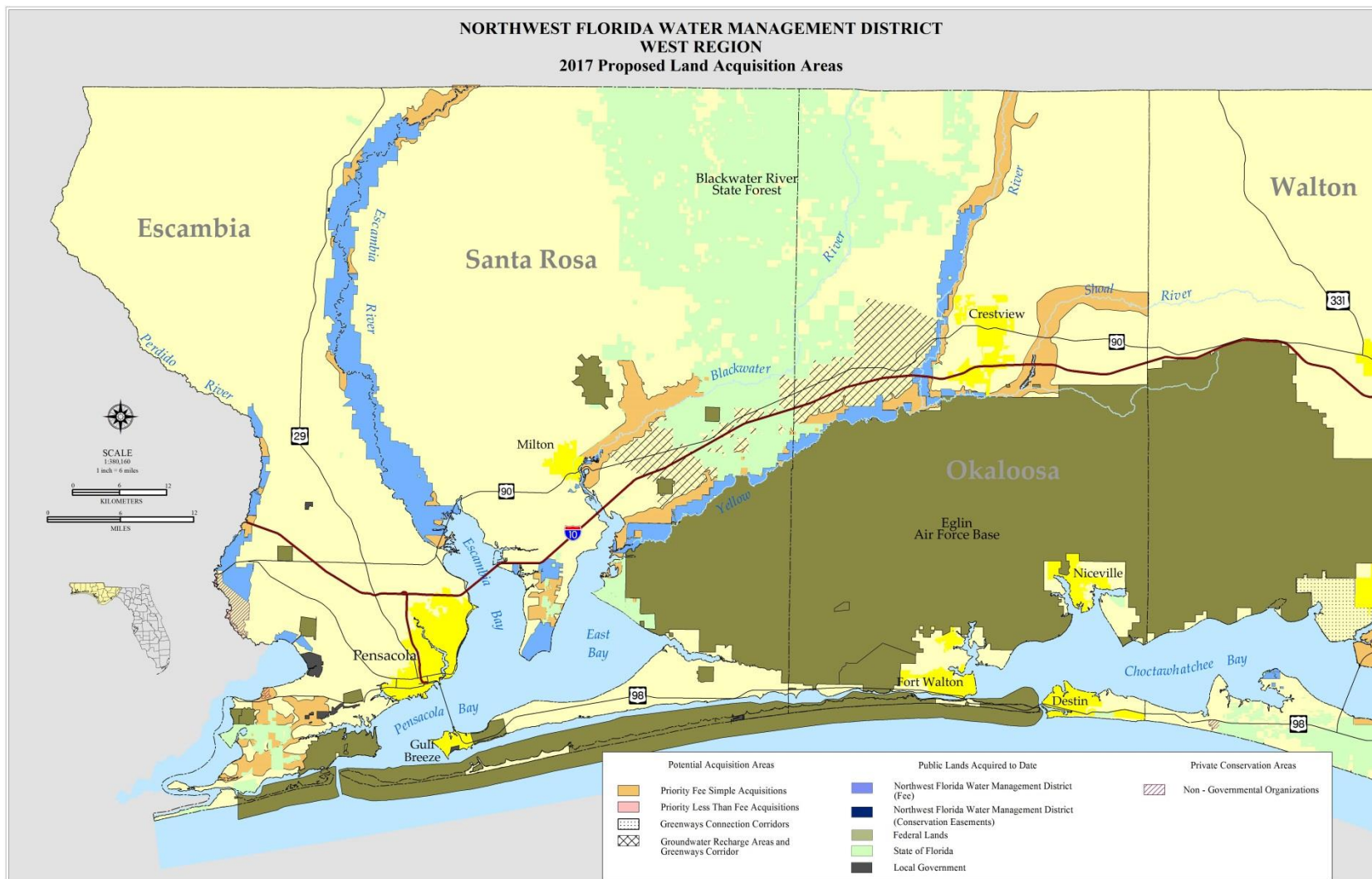


Figure 2

FLORIDA FOREVER LAND ACQUISITION PROJECT

Perdido River and Bay Basin (Figure 2)

The Perdido River serves as the state line, separating Florida from Alabama. The Perdido River has been designated an Outstanding Florida Water and Special Water system; a canoe trail; and a recreation area. The upper part of the river is a shifting sand river system, unique to portions of Northwest Florida, south Alabama, southern Mississippi and eastern Louisiana, while the lower end of the river is characteristic of a blackwater stream. The District owns 6,261 acres in fee and 4 acres in less than fee between the Perdido River and Bay.

The project area is mostly undeveloped and contains a diverse list of species. Acquisition of any floodplain area along the Perdido River, whether in fee or less than fee, will significantly protect the water resources of the area as well as enhance water quality protection efforts for the Perdido Bay system.

Priority purchases will be concentrated on parcels adjacent to existing District lands along the river, around the river mouth, and designated tributaries.

The Perdido Bay is an estuarine system which receives fresh water from the Perdido River. Subsidiary embayments within the Perdido Bay estuary include Tarkiln Bay, Arnica Bay, Wolf Bay, Bayou La Launch and Bayou St. John. Perdido Key separates Perdido, Tarkiln, and Arnica bays, Bayou La Launch and Bayou St. John from the Gulf of Mexico. Big Lagoon adjoins Perdido Bay to the east, separating it from Pensacola Bay. Currently, the District owns 810.19 acres along Perdido Bay.

Priority purchases will be concentrated on parcels adjacent to the bay which can enhance water quality protection and mitigate for wetland impacts associated with DOT highway construction in southern Escambia County.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 1,447 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Southwest Escambia County Ecosystem (Figure 2)

Several major estuarine drainages including Jones Swamp, Bayou Grande, Big Lagoon, and Tarkiln Bay, intersect in southwest Escambia County. These, in turn, comprise portions of the Pensacola and Perdido bay watersheds. The proposed acquisition borders a major urban area and is experiencing encroachment from residential and commercial development. The project area is characterized by an undulating topography where remnants of ancient dune lines alternate with lower intervening swales that drain east or west, parallel to the Gulf coast. The wet prairies in the area are some of the last examples of what may be one of the most diverse plant communities in the southeast, supporting large stands of white-topped pitcher plants and almost 100 other plant species.

Protecting the ecological integrity of this area is important to the quality of water resources in the Pensacola and Perdido bay systems. Acquisition will help limit nonpoint pollution and untreated stormwater runoff by preventing channelization. Wetlands and upland buffers will also be preserved, and riparian buffer zones will be maintained. Additionally, public access will be improved and fish, wildlife, and estuarine productivity will be protected.

This acquisition is consistent with a number of major initiatives designed to protect environmental and other public resources in the region. These include water quality treatment systems, acquisition programs for the Jones Swamp Wetland Preserve and the Perdido Pitcher Plant Prairie, and efforts to prevent encroachment on NAS Pensacola. Together with nearby state parks, these acquisitions will provide for a major environmental reserve and greenway system within a rapidly urbanizing area.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 11,000 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

Groundwater Recharge Area

Designated area has groundwater recharge potential.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Escambia River Basin (Figure 2)

Beginning at the confluence of the Conecuh River and Escambia Creek above the Florida-Alabama border and discharging into Escambia Bay, the Escambia River corridor contains a rich diversity of plant and animal species, as well as many rare fish and waterfowl. The Escambia River basin is broad and well drained in the upper reaches, and swampy below Molino, Florida. While the overall water quality is considered good, many point and non-point pollution sources empty into the river. Currently, the District owns 35,413 acres in fee and 19 acres in less than fee along the river.

Priority purchases will be concentrated on parcels adjacent to existing District lands around the river mouth and designated tributaries.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 6,644 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Garcon Point Ecosystem (Figure 2)

This proposed land acquisition project contains most of the Garcon Point Peninsula, which borders Pensacola, Escambia, East and Blackwater bays. The project area is largely undeveloped and includes a variety of natural communities that are in good to excellent condition. The entire tract provides considerable protection to the water quality of the surrounding estuary, as well as harboring a number of rare and endangered species.

The emergent estuarine marsh that borders several miles of shoreline within the project is an important source of organic detritus and nutrients and serves as a nursery for many of the species found in Pensacola Bay. These wetlands function as both stormwater filtration and a storm buffer area, as well as providing erosion controls to the neighboring uplands. A minimum of 13 endangered or threatened species are known to live in the region including the recently listed federally endangered reticulated flatwoods salamander. The northern wet prairie portion is known to be an outstanding pitcher plant habitat.

Priority purchases will be concentrated on parcels adjacent to existing District lands. Currently the District owns 3,245 acres on Garcon Point.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 3,200 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Blackwater River Basin (Figure 2)

Originating in the Conecuh National Forest in Alabama, the Blackwater River has a large portion of its Florida watershed further protected by the Blackwater River State Forest. In all, nearly 50 miles of the river corridor is remote and undeveloped. As a result, the Blackwater River is considered one of Florida's best preserved waterways. Currently the District owns 381 acres along the river.

The acquisition area includes a large area of mature longleaf pine forest; considerable bottomland forest and marsh acreage; upland mixed forest; and blackwater stream and seepage slope communities. Priority purchases will be concentrated on parcels adjacent to existing District lands. Approximately 380 acres have been acquired along the Blackwater River immediately south of Milton in Santa Rosa County.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis prior to acceptance.

Land Acquisition

Approximately 11,449 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over the next five years or more. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Yellow and Shoal River Basin (Figure 2)

The Yellow River has its headwaters in Conecuh National Forest in Alabama and forms the northern border of Eglin Air Force Base (AFB) across much of eastern Santa Rosa and western Okaloosa counties. The proposed acquisitions would bring much of the remainder of the Yellow River floodplain in Florida under public ownership. Included in the project is a segment of the lower Shoal River, the largest tributary to the Yellow River. Large private landowners own a majority of the floodplain in this project, but considerable areas of the bordering and buffer lands are being sought to ensure effective management and protection of water resources. Highest priority will be given to tracts in the western portion of the project within the 100-year floodplain. Priority purchases will be concentrated on parcels adjacent to existing District lands. Currently the District owns 16,553 acres along the river.

Although the Yellow and Shoal rivers exhibit good overall water quality, both are fed largely by rainwater runoff and are thus susceptible to pollution from land use activities. The proposed purchase area would provide water quality protection from the Alabama border and encompass approximately 39,140 acres. Purchase of lands northwest of Eglin AFB, along the I-10 corridor, would provide approximately 52,000 acres of land that has the potential for future water resource development to supplement the strained potable water sources in southern Santa Rosa and Okaloosa counties. Acquisitions in this area are recommended by the District Regional Water Supply Plan for Okaloosa, Santa Rosa, and Walton counties to protect future supply sources.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 39,140 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

Groundwater Recharge Areas

In Escambia and Santa Rosa counties, the Sand-and-Gravel Aquifer is the principal source of potable water for public supply. The Sand-and-Gravel Aquifer is unconfined or poorly confined, making it particularly susceptible to contamination by land uses. Land acquisition along the I-10 corridor between the Yellow and Blackwater rivers in Santa Rosa County would protect recharge areas that are important for future water supply sources. This area encompasses approximately 52,000 acres.

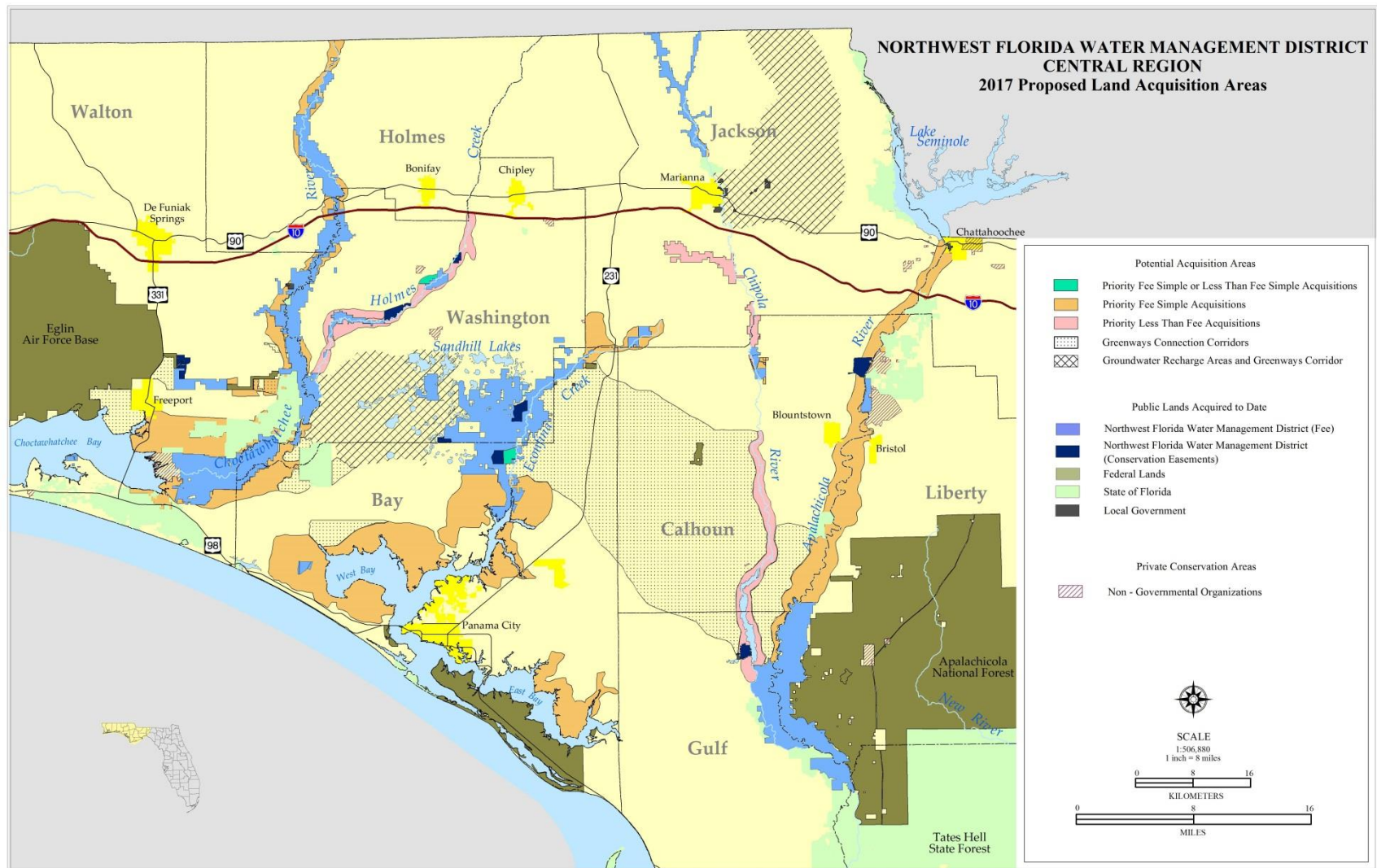


Figure 3

FLORIDA FOREVER LAND ACQUISITION PROJECT

Lafayette Creek (Figure 3)

Originating in south central Walton County, the Lafayette Creek drainage basin is located northeast of Freeport, Florida. The main stem of the creek begins about seven miles east of Freeport and runs due west for about six miles before it turns south and empties into LaGrange Bayou/Choctawhatchee Bay. Any proposed acquisitions will protect a portion of Magnolia and Wolf creeks, both of which are significant tributaries to Lafayette Creek. Also, additional purchases along the creek will protect many diverse natural communities and habitat types. Currently, the District owns 3,160 acres along the creek, including 420 acres for DOT mitigation purposes.

The area between the Choctawhatchee River and Eglin Air Force Base, which encompasses Lafayette Creek, is part of the Northwest Florida Greenway Corridor which serves to protect open space stretching from the Apalachicola National Forest to Eglin Air Force Base. It is intended to preserve environmentally sensitive areas, sustain existing military lands and airspace, maintain the economic viability of forest lands, and provide recreation. The District, in cooperation with Eglin Air Force Base, acquired a 1,095.3-acre conservation easement from Nokuse Plantation utilizing Department of Defense Readiness and Environmental Protection Integration (REPI) funds. Acquisition of this Conservation Easement will ensure the protection of seepage streams within the Magnolia and Lafayette Creeks and buffer Eglin Air Force Base lands to the west.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 4,540 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Choctawhatchee River and Holmes Creek Basin (Figure 3)

Originating in Alabama and flowing into Choctawhatchee Bay, the Choctawhatchee River/Holmes Creek basin encompasses the second largest floodplain in the state. Approximately 3,133 square miles of the watershed is in Alabama and 2,052 square miles is in Florida. The river is 170 miles long with about 88 miles in Florida. Although the river basin exhibits localized water quality problems, primarily due to agricultural land use in the upper basin, the overall water quality is considered good. The river basin encompasses 57 springs on Holmes Creek and a variety of habitats including bottomland hardwood forests, marshes and Tupelo-Cypress swamps.

Due to the river corridor's undeveloped nature, the basin provides habitat for a variety of native wildlife, including several endangered plant and animal species. The river also serves as a breeding and migratory area for both the Alligator Gar and the Gulf Sturgeon. The District currently owns 63,348 acres along the river, creek and bay in fee and less than fee. Priority purchases will be concentrated on parcels adjacent to existing District lands, around the river's mouth, designated tributaries such as Holmes Creek, and other projects that can mitigate for wetland impacts associated with DOT highway construction.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 55,064 acres have been identified for fee simple acquisition on the Choctawhatchee River and Holmes Creek, 7,000 acres have been identified for possible less than fee acquisition on Holmes Creek, and 855 acres have been identified for priority fee simple or less than fee simple acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

West Bay Buffer (Figure 3)

West Bay is the westernmost embayment of the St. Andrew Bay estuary. The bay supports notable shellfish and seagrass communities, important fisheries, and other environmental and economic resources. The West Bay watershed is characterized by extensive pine flatwoods, as well as hardwood forests, cypress wetlands, mixed-forested wetlands, freshwater marshes, wet prairie, and other wetlands. Salt marshes, inland forested wetlands, and associated upland communities are especially prominent in several areas, including the Breakfast Point peninsula and other lands adjacent to the Burnt Mill and Crooked Creek tributaries.

Like other estuaries, the bay is vulnerable to impacts associated with intensive residential and commercial development. Potential impacts include the long-term degradation as a result of nonpoint source pollution, as well as habitat loss and fragmentation. Acquisitions in this area would help prevent such degradation by preserving intact and extensive ecosystem of forests, scrub, salt marshes, and freshwater wetlands. Preserving the associated wetland and upland communities in the vicinity of the bay would also protect water quality by providing a substantial riparian buffer and maintaining the natural hydrology in the vicinity of the bay. The District currently owns 719 acres in the West Bay Buffer.

In addition to providing for water resource protection and public use, this acquisition will be consistent with several ongoing initiatives, including the West Bay Sector Plan. These initiatives also include efforts to restore seagrass communities in the bay and to improve the treatment and management of domestic wastewater.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 47,281 acres have been identified for possible acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Econfina Creek (Figure 3)

Econfina Creek is the major contributor to Deer Point Lake, which serves as the public water supply for Bay County, including Panama City, Panama City Beach and neighboring communities. The proposed purchases along the creek contain several spring-run streams, which are imperiled biological communities. The slope forest communities that border considerable lengths of the creek contain some of the highest species diversity encountered in Florida. The project area features high rolling sandhill habitat, steephead ravines, and numerous sandhill upland lakes. Much of the sand hills area is of excellent quality, with a nearly intact ground cover of wiregrass and dropseed. At least 18 species of rare or endangered plants inhabit the sand hills area. The District currently owns more than 43,770 acres in fee and less than fee, including the 2,155-acre Sand Hill Lakes Mitigation Bank. Priority purchases will be concentrated on parcels adjacent to existing District lands and parcels with significant aquifer recharge potential.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 39,666 acres have been identified for possible acquisition. Approximately 982 acres have been identified as priority fee simple or less than fee simple acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

Groundwater Recharge Areas

The upper portion of the acquisition project is a significant recharge area of the Floridan Aquifer. The majority of the acreage purchased by the District and targeted for future purchase is one of the most important recharge areas for the Floridan Aquifer in northwest Florida. Recharge rates in the area have been estimated at 25 to 40 inches per year, and this recharge drives the spring flows along Econfina Creek, the largest tributary of the Deer Point Lake Reservoir. The reservoir currently provides approximately 50 million gallons per day for residential, commercial and industrial water uses in Bay County.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Sandy Creek Basin (Figure 3)

Sandy Creek is a major tributary of East Bay, the easternmost embayment of the St. Andrew Bay estuary. The creek's basin is characterized by extensive wet pine flatwoods, as well as hardwood forests, saltmarshes, cypress wetlands, mixed forested wetlands, freshwater marshes, wet prairie, and other wetlands. Salt and freshwater marshes, inland forested wetlands, and associated upland communities are especially prominent along the creek and its tributaries.

Preservation of the Sandy Creek basin will protect a major tributary basin of East Bay. In so doing, it would preserve water quality and a mosaic of interconnected upland, wetland, stream, and estuarine habitats. The acquisition would also protect water quality by providing a substantial riparian buffer and maintaining natural hydrology.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 15,000 acres have been identified for acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

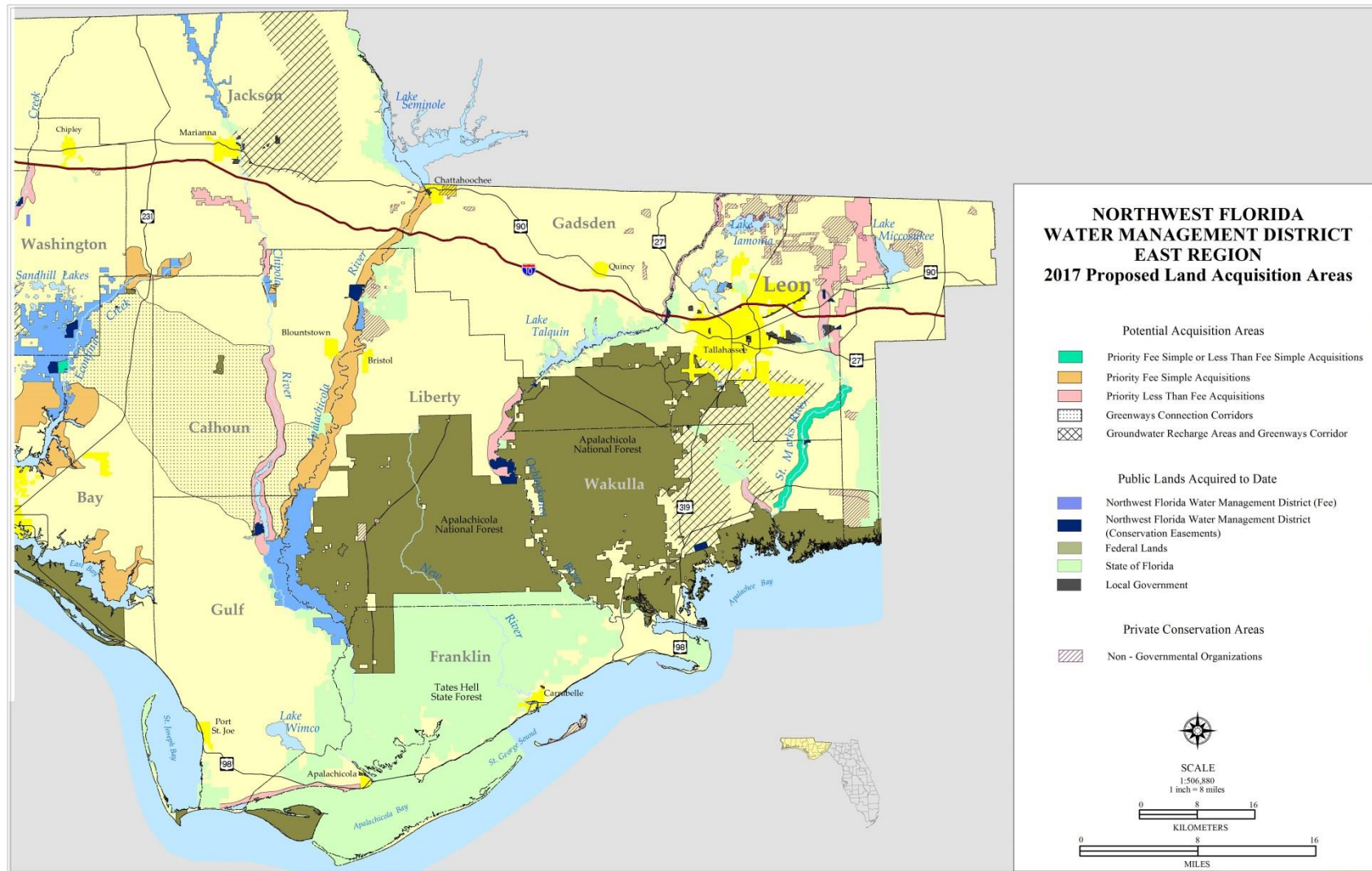


Figure 4

FLORIDA FOREVER LAND ACQUISITION PROJECT

Chipola River Basin (Figure 4)

A new area along the Middle Chipola River has been identified for less than fee acquisition. The area is comprised of approximately 2,400 acres in northern Calhoun and southern Jackson counties. Acquisition of this tract will help protect more than 3.4 miles of the west bank and 4.25 miles of the east bank of the Chipola River. In 2009, the District acquired 1,377.76 acres in fee along the Middle Chipola River, including the “Look-N-Tremble” rapids. The District now owns a total of 9,094 acres in fee simple and holds a conservation easement on 810 acres in the Chipola River Basin.

Two additional areas have been identified for less than fee acquisition along the Chipola River. The first is comprised of approximately 6,000 acres in the Spring Lake Spring Group area located in central Jackson County. Acquisition of land in the Spring Lake Spring Group area with its numerous springs, and tributaries which flow into the Chipola River, will provide enhanced water resource protection to the area.

The second proposed less than fee acquisition contains a core tract of roughly 20,000 acres in the river basin in Calhoun and Gulf counties. The Chipola River is the largest tributary to the Apalachicola River and its mostly spring-fed waters make an important and consistent contribution of sediment-free water to the Apalachicola. The degree of biological diversity of the Chipola appears to be nearly as high as that of the Apalachicola. Priority purchases will be focused along the middle reaches of the Chipola River.

Jackson Blue Spring Groundwater Contribution Area

The Jackson Blue Spring Groundwater Contribution Area, east of the Chipola River, has been identified for fee simple or less than fee simple acquisition to provide protection to Blue Spring and the groundwater contribution area in Jackson County.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 1,025 acres has been identified for possible fee acquisition and 28,400 acres have been identified for possible less than fee acquisition on the Chipola River and approximately 96,711 acres have been identified for fee simple or less than fee simple acquisition in the Jackson Blue Spring Groundwater Contribution Area. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Apalachicola Bay and St. Vincent Sound Buffer (Figure 4)

Apalachicola Bay has been recognized as a resource of state, federal, and international significance. The bay has extensive fish and shellfish resources, and it supports noteworthy commercial and recreational fisheries and other recreational and economic activities. It has been designated an Outstanding Florida Water, a State Aquatic Preserve, and an International Biosphere Reserve. It includes the Apalachicola Bay National Estuarine Research Reserve and the St. Vincent National Wildlife Refuge. State and federal agencies, as well as the NFWFMD, have made extensive investments in acquiring and protecting lands throughout the basin. This project would provide an important addition to these efforts.

Like other northwest Florida estuaries, Apalachicola Bay is vulnerable to impacts associated with development. Such potential impacts include the long-term effects of non-point source pollution and habitat loss and fragmentation. The proposed acquisition would help prevent such degradation by preserving the integrated forest and wetland community bordering St. Vincent Sound and Apalachicola Bay. The acquisition would limit new sources of pollution, prevent habitat loss and fragmentation, and protect the stability and integrity of littoral vegetation. The acquisition would also protect water quality by providing a substantial riparian buffer which would help prevent channelization from new impervious surfaces.

The land targeted through this project is immediately adjacent to some of the most productive oyster harvesting areas of the Apalachicola Bay system, including the Indian Lagoon, Scorpion, and Paradise bars.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 5,200 acres have been identified for less than fee acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Upper Apalachicola River Basin (Figure 4)

The Apalachicola River begins below Lake Seminole at the confluence of Chattahoochee and Flint rivers. It has the largest floodplain in the state and is widely regarded as one of the state's most important natural resources. The Apalachicola River supports the highly productive fishery in Apalachicola Bay, and more endangered plant species can be found along the river's upper stretches than in any comparably sized river in the state. The District owns 36,823 acres of river floodplain and holds a conservation easement on 1,550 acres.

Major habitat types along the Apalachicola River include coastal marshes, freshwater marshes, flatwoods, and bottomland hardwood swamp. Water tupelo, Ogeechee tupelo, Bald cypress, Carolina ash and Swamp tupelo have been identified in the floodplain, as well as numerous species of rare fish. Substantial additional acreage of the Apalachicola system is owned by other public agencies and private conservation organizations. Priority purchases will be concentrated on parcels adjacent to existing District lands, other conservation lands and designated tributaries.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 50,132 acres have been identified for possible fee acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

Ochlockonee River Basin (Figure 4)

The Ochlockonee River originates in the coastal plain of Georgia and traverses parts of five Florida counties. Water quality in the river is lowest when it enters Florida and generally improves as it flows closer to the Gulf of Mexico. The Ochlockonee is primarily fed by rainwater runoff, and is therefore susceptible to pollution by land use activities. Large parts of the watershed are publicly owned, including Joe Budd Wildlife Management Area, Lake Talquin State Forest and Apalachicola National Forest. The District's primary focus is to acquire less than fee rights on privately owned floodplain land separating existing federal and state properties. Public ownership of the erosion-prone lands bordering this usually fast-flowing river will reduce the likelihood of water quality degradation. The District presently has 3,675 acres in less than fee holdings in the area.

Public Access

All District conservation lands are available for public use. Such uses include fishing, hunting, camping, hiking, boating, swimming, and other recreational and educational activities. Access issues are addressed on a parcel-by-parcel basis.

Land Acquisition

Approximately 11,767 acres have been identified for less than fee acquisition. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER LAND ACQUISITION PROJECT

St. Marks and Wakulla Rivers (Figure 4)

The Wakulla River originates at Wakulla Springs and flows south approximately 10 miles to join the St. Marks River at the town of St. Marks in Wakulla County. The St. Marks River starts east of Tallahassee as a narrow stream, widens considerably below Horn Spring, and then disappears underground at Natural Bridge. After reemerging as a much stronger river at St. Marks Spring, it flows 11 miles to its confluence with the Wakulla River. While the lower reach of the river below the town of St. Marks is protected and preserved as part of the St. Marks National Wildlife Refuge, much of the remainder of the two river watersheds is threatened by active riverfront development and in the adjacent highlands. The St. Marks supports one of the most heavily used inshore saltwater fisheries in north Florida, the viability of which is largely dependent on the quality of freshwater flowing into the estuarine system. Both the Wakulla Springs State Park and the St. Marks National Wildlife Refuge are major refuges for numerous biological species. The District presently has 1,376 acres under less than fee acquisition in the area.

BluePrint 2000

In December 2003, the District and the City of Tallahassee-Leon County BluePrint 2000 Intergovernmental Agency entered into a five-year Memorandum of Agreement (MOA) to work cooperatively to acquire conservation easements to protect and preserve the water resources of the St. Marks River basin in Leon County. Although this MOA has now expired, the District and BluePrint 2000 successfully purchased conservation easements on a 132.62-acre tract and 194.5-acre tract, both located in Leon County.

Wakulla Springs Groundwater Contribution Area

The Wakulla Springs Groundwater Contribution Area, east of the Apalachicola National Forest, has been identified for fee simple or less than fee simple acquisition to provide protection to the groundwater contribution area in Wakulla County.

Land Acquisition

Approximately 45,456 acres have been identified for fee or less than fee acquisition along the St. Marks and Wakulla rivers and approximately 90,666 acres have been identified for fee simple or less than fee simple acquisition in the Wakulla Springs Groundwater Contribution Area. Sufficient lands have been identified to allow for a flexible implementation strategy over at least the next five years. The timing of any given acquisition will depend upon such considerations as: Governing Board policy; threats to the resource; availability of willing sellers; tract size; general market conditions; available staff resources, and availability of funds.

FLORIDA FOREVER RESTORATION PROJECTS

As required by section 373.199(2), F.S., a District five-year work plan identifies and includes projects that further the goals of the Florida Forever Act (section 259.105, F.S.). These include priorities identified in approved surface water improvement and management (SWIM) plans, land acquisition lists and plans, stormwater management and water resource development projects, springs and water body restoration projects, and other eligible activities that would assist in meeting the goals of Florida Forever.

From 2003 to 2008, the District provided grant funding to local governments for capital improvements that helped implement SWIM projects, water resource development projects, and projects included within stormwater master plans. The program awarded more than \$23 million for 55 stormwater retrofit, restoration, and reuse projects. These grants leveraged significant additional funding with more than \$52 million in local and other match funding allocated to the approved projects.

Significant appropriations of Florida Forever funds have not been made since FY 2008-2009. No new projects were undertaken in FY 2015-2016. The table below lists conceptual projects considered eligible for Florida Forever capital improvement funding.

Projects Currently Eligible for Florida Forever Funding

Project	Description	Status	Estimated Cost
Unpaved road sedimentation abatement	Unpaved road stabilization to reduce sedimentation and nonpoint source pollution; supports water quality improvement and habitat restoration objectives of SWIM plans for all District watersheds	Planning	TBD
Spring habitat restoration	Construction activities to restore and increase public access to riparian and aquatic habitats and shorelines associated with northwest Florida springs; funding indicated represents estimated available Florida Forever contribution; total costs to be determined	Planning	\$372,480
Stormwater retrofit facilities	Construction of additional cooperative stormwater retrofit projects, providing water quality improvement and improved flood protection, in accordance with approved SWIM plans	Planning	TBD
Hydrologic and shoreline restoration	Water resource restoration of shoreline and riparian habitats, and flow regimes, consistent with SWIM plans	Planning	TBD

Project specifics, as noted in section 373.199(2), (3), (4) and (5), F.S., may be provided in the future if projects are able to advance beyond the preliminary planning stage. Future Florida Forever or special legislative appropriations, and funding from the Land Acquisition Trust Fund, federal grants, local governments, other local matching resources, and potentially other sources may contribute to the implementation of these projects. Final approval of funding for any project requires District Governing Board approval.

Implementation of the 2015-2016 Work Plan

Land Acquisition

The District did not purchase or surplus any land during 2016.

Land Management

The District completed numerous land management activities during Fiscal Year 2015-2016. Management and restoration efforts including prescribed burns, native species planting, and timber harvesting continue across the District's 211,152 managed acres. In addition, the District maintains and improves public access and recreational amenities such as boat ramps, primitive campsites, and swimming and picnic areas. In the pages that follow, **Table 1** and **Table 2** provide additional information on specific land restoration activities completed during the year. The projected Fiscal Year 2016-2017 staffing and management budget by WMA can be found in **Table 3**.

To date, the District has conserved and protected 223,555 acres primarily through fee simple acquisition. These lands protect natural systems, wetland and floodplain functions, groundwater recharge, surface and groundwater quality, and fish and wildlife habitat. District-owned lands are all accessible to the public and are managed to protect water resources while providing public access and resource-based recreation.

District lands include the majority of the Escambia and Choctawhatchee river floodplains, as well as extensive lands along the Perdido, Blackwater, Yellow, Shoal, and Apalachicola rivers; Lafayette, Holmes and Econfinia creeks; and on Perdido Bay, Garcon Point, and Live Oak Point. In addition, the District manages and conducts habitat restoration and maintenance on Yellow River Ranch, Live Oak Point, Ward Creek West, and Sand Hill Lakes Mitigation Bank. The District has acquired the majority of the groundwater recharge area for springs that discharge into Econfinia Creek and form a crucial component of the water contribution to Deer Point Lake Reservoir.

Land Management Accomplishments (FY 2015-2016)

- The District conducted prescribed burns on approximately 6,700 acres of District lands, as well as vegetation management (herbicide) and habitat enhancements on 2,169 acres.
- The District's new land management database was completed along with growth and yield modeling to evaluate future timber management scenarios and develop timber revenue projections for future years.
- 2,070 camping permits were issued at 88 reservation-only sites on District lands.
- 15 special resource area permits were issued for larger events on District property.
- Six timber harvests totaling 2,388 acres were active, removing offsite sand pine and thinning loblolly, longleaf, and slash pine.
- More than 8,898 acres of District-owned land were surveyed for invasive exotic plants, and control measures were implemented for all identified problem areas.

Restoration

The District accomplishes water resource restoration through several interrelated programs, primarily Surface Water Improvement and Management (SWIM), Land Management, and Mitigation.

Approved NFWFMD plans with substantial restoration components include the following:

- *Apalachicola River and Bay Management Plan* (1996)
- *Pensacola Bay System SWIM Plan* (1997)
- *Lake Jackson Management Plan* (1997)
- *St. Andrew Bay Watershed SWIM Plan* (2000)
- *Choctawhatchee River and Bay SWIM Plan* (2002)
- *St. Marks River Watershed SWIM Plan* (2009)
- *Tate's Hell State Forest Hydrologic Restoration Plan* (2010)
- *Florida Forever Capital Improvements Plan*

The District is currently updating SWIM plans for all seven watersheds within the district boundaries and this effort is scheduled to be completed in 2017. All plan updates are anticipated to include water restoration information and projects.

Restoration Accomplishments (FY 2015-2016)

- The Williford Spring restoration project that was completed in 2015 remained closed to the public until July 26, 2016, when the District held a grand opening celebration. Costing more than \$2.1 million, this project involved sediment removal, restoring spring shoreline areas, providing stabilized access to the spring, and recreation improvements including a new parking area, boardwalks, interpretive trails, pavilions, and a canoe tie-up dock that will help prevent future impacts by voluntarily asking the public to refrain from paddling canoes into the spring area. Public response to the project has been very positive.
- One of three cooperative projects to restore the eroding shorelines and address stormwater impacts along Holmes Creek was completed. The remaining two projects, i.e. Live Oak and Hightower Springs landings, are scheduled for completion by the end of FY 2016-2017. These projects are being constructed by Washington County with funding assistance from the District.
- After site stabilization and a landscape plant grow-in period, the Devil's Hole swallet in Washington County was opened to the public as a day use recreation area and reservable campsite within the Econfinia Creek WMA.
- The streambank restoration project was completed at Walsingham Park in Washington County. This cooperative project, implemented by USFWS and District staff with funding from FFWCC, utilized geotextile bags to stabilize the eroding shoreline. The restored shoreline was landscaped with native vegetation and several tons of rip-rap rock was removed from the creek.
- Seed for District groundcover projects were collected from District land on the Econfinia Creek WMA. The District continues to research, refine, and establish new habitat restoration techniques that increase species diversity and ecosystem health.

- The District completed hand planting of 1,198 acres of disturbed longleaf pine habitat. These habitat restoration activities enhance groundwater recharge, improve wetland functions, and offset wetland losses caused by FDOT projects. This project involved the planting of 830,598 longleaf pine tubelings within two WMAs.

Table 1: Restoration, Enhancement and Maintenance (2016)

Water Management Area	Acres Burned					Acres Planted					Acres Harvested				Acres Treated
	Total	Fuel Reduction	Site Preparation	Growing Season	Wiregrass Propagation	Total	Upland/Wetland Wiregrass and Toothache Grass	Longleaf Pine	Slash Pine	Replanted	Total	Restoration	Thinning	Habitat Restoration	For Invasive, Non-native or Off-site Species
Escambia River	50	50				1				1					376
Garcon Point	53				53	2				2					20
Blackwater River															60
Yellow River	463	463													1668
Perdido River	825	825													1042
Choctawhatchee River	1,386	242		1,144							380		380		2,001
Econfina Creek	1,472	856	46	353	217	1116		1,116			574			574	5,602
St. Andrews	379	379													
Carter Restoration	835	55		780											
Ward Creek West															896
Devils Swamp Restoration															
Chipola River	661	661				82		82							896
Apalachicola River															448
Lake Jackson															34
Totals	6154	3531	46	2277	270	1,201		1,198		3	954		380	574	13,043

Table 2: Access and Recreation Management (2016)

Water Management Area	Picnic Areas Day Use Sites Parking Areas Reserved Camp Sites Boat, Canoe/Kayak Landings Portolet Stations							Horse Trail Canoe Trail Hiking Trail Nature Trail Bike Trail Access Road						Camp Site Reservations	General Purpose (boundary signs) Information Signs on District Lands	Weather Pavilions and Wildlife Viewing Towers	
	Number Maintained							Miles Maintained						Issued	Signs	Installed	
Escambia River		6	11	12	28	11	10			1	2		27	388	45	4	2
Garcon Point			2	2						3					5	2	
Blackwater River		1	3	3		2					1				5	1	1
Yellow River			3	3		3			50				42		75		
Perdido River		3	3	4	1	4	10	6	15	6	1		32	101	35	13	1
Choctawhatchee River		12	15	15	21	14	10		15	11			103	270	75	14	8
Econfina Creek (incl. Carter Tract)		13	14	14	25	8	14	56	22	18	2		134	1180	160	84	15
Chipola River		1	4	4	3	2	2	4	6	3			9	54	544	2	1
Apalachicola River		1	2	2	10	2	1						9	77	420	2	2
Lake Jackson		1	2	2			1	7		10		7	5		96	2	2
Totals		38	59	61	88	46	48	73	108	48	6	7	361	2,070	1,460	124	30

Table 3: Projected Funding, Staffing and Resource Management for FY 2016-2017

Region	Water Management Area	Acres	Assigned Staff	Total Funding	Funding for Resource Management
Western	Escambia	35,413		\$116,532	\$61,870
	Escambia Conservation Easements	19		\$824	\$500
	Garcon Point	3,245		\$74,530	\$28,250
	Yellow	16,553		\$72,265	\$30,000
	Blackwater	381		\$15,034	\$7,150
	Perdido	6,261		\$134,003	\$88,140
	Perdido Conservation Easements	4		\$824	\$500
	Western Region Total	61,876	3	\$414,012	\$216,410
Central	Choctawhatchee	60,810		\$480,732	\$332,030
	Choctawhatchee/Holmes Conservation Easements	2,537		\$15,715	\$13,000
	Econfina	39,182		\$999,589	\$751,660
	St. Andrew/Econfina Conservation Easements	2,433		\$3,737	\$500
	Ward Creek West	719		\$0	\$0
	Carter Restoration	2,155		\$61,000	\$61,000
	Central Region Total	107,836	5	\$1,560,773	\$1,158,190
Eastern	Chipola	9,094		\$125,764	\$60,838
	Apalachicola	36,823		\$65,818	\$20,873
	Apalachicola/Chipola Conservation Easements	2,359		\$2,946	\$500
	Lake Jackson	516		\$104,345	\$78,100
	St. Marks Conservation Easements	1,376		\$3,557	\$500
	Ochlockonee Conservation Easements	3,675		\$3,557	\$500
	Eastern Region Total	53,843	2	\$305,987	\$161,311
Regional Totals		223,555	10	\$2,280,772	\$1,535,911

Other Projects	Acres	Assigned Staff	Total Funding	Funding for Resource Management
Land Management Administration		4	\$913,504	\$330,260
IT Initiative			\$388,601	\$355,586
Land Management Database			\$68,610	\$54,200
Florida National Scenic Trail - Econfinia Creek			\$10,000	\$10,000
Brunson Landing Tract	348		\$17,352	\$12,360
Devils Hole Spring Streambank Restoration			\$10,619	\$0
Cotton Landing Streambank Restoration			\$10,619	\$0
Seven Runs Streambank Restoration			\$7,801	\$0
Washington County School Board Donation			\$340	\$340
Grand Total	223,903	14	\$3,708,218	\$2,298,657

MEMORANDUM

TO: Northwest Florida Water Management District Governing Board

FROM: J. Breck Brannen, General Counsel

RE: Legal Counsel Report

DATE: January 37, 2017

CGUPS, LLC, Steven Cox, and Claudia Cox, Petitioners v. Northwest Florida Water Management District and Florida Department of Transportation, Respondents, DOAH Case No. 16-4691

This is a case brought by the Petitioners challenging the proposed issuance by the District of an environmental resource permit to FDOT relating to FDOT's widening of State Road 390 in Panama City, Florida.

The discovery phase of the litigation is ongoing.

The final hearing of this case has been continued indefinitely and the case is currently held in abeyance under the jurisdiction of DOAH while FDOT considers modifying its permit application.

The District is continuing to vigorously defend its decision to issue the permit and the District remains confident in its position.

There are no other pending cases in which the District is a party.