

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Resource Management Division

FROM: Kathleen Coates, Chief, Bureau of Water Resource Evaluation

DATE: September 10, 2019

SUBJECT: Consideration of Fiscal Year 2019-2020 Contractual Services to Support
Minimum Flows and Minimum Water Levels

Recommendation

Staff recommends the Governing Board authorize the Executive Director to spend up to \$1,545,500 for contractual services to support the development of minimum flows and minimum water levels in FY 2019-2020, contingent upon approval of the District's FY 2019-2020 budget.

Background

Section 373.042(1), Florida Statutes, requires water management districts to develop minimum flows and minimum water levels (MFLs) for specific water bodies within their jurisdiction. The minimum flow or minimum water level for a given waterbody is the limit at which further withdrawals will be significantly harmful to the water resources or ecology of the area. The establishment of MFLs is a multiyear process, involving data collection, technical assessments, peer review, public involvement, and rule-making activities. A substantial portion of the work is performed in-house but due to the large volume of work, the District also relies on contractual services.

Activities Planned for FY 2019-2020

During FY 2019-2020, the District will complete the MFL technical assessments for Wakulla Spring, Sally Ward Spring, and the coastal Floridan aquifer in Planning Region II (Okaloosa, Santa Rosa, and Walton counties). Work will continue on MFL development for Jackson Blue Spring and for the Gainer Spring Group, Sylvan Spring Group, and Williford Spring Group located on Econfina Creek.

Work planned for Wakulla Spring and Sally Ward Spring includes the calibration of a hydrodynamic model to assess manatee thermal refuge and the refinement and application of the riverine hydraulic models to assess spring flows needed to maintain recreational uses, estuarine resources, fish and manatee passage, and fish and wildlife habitat on the Wakulla River. The Eastern District Model, a regional groundwater flow model, will be refined to assess the impact of current and future pumping on the springs. Following completion of the MFL technical assessment report, a voluntary peer review will be performed. The initiation of MFL rule-making is planned in fall of 2020. Public involvement will occur throughout the year and during rule-making activities.

To support the evaluation of minimum water levels for the coastal Floridan aquifer in Planning Region II, models are being developed to simulate regional groundwater flow and the rate of movement of the saltwater interface. If appropriate, minimum aquifer levels will be established to protect water resources from significant harm due to withdrawals. Voluntary peer review will be performed, followed by initiation of the rule-development process. Public involvement will occur next year during MFL development and the rulemaking process.

Hurricane Michael impacted the Jackson Blue Spring system, Gainer Spring Group, Sylvan Spring Group, Williford Spring Group, and Econfina Blue Spring Group. Extensive treefall resulted in channel obstructions, disrupted streamflow patterns, and altered floodplain and instream habitats. Post-hurricane hydrologic data collection is ongoing and will continue through FY 2019-2020. Ecological data collection previously performed for the Jackson Blue Spring system will need to be re-assessed as floodplain communities previously sampled may no longer exist or have been substantially altered. As a result, the completion date for the Jackson Blue Spring MFL technical assessment has been extended to 2024. Although Hurricane Michael has also caused delays in data collection for the springs along Econfina Creek, it is anticipated that the MFL technical assessment for the Gainer Spring Group, Sylvan Spring Group, and Williford Spring Group can be completed in 2024 as originally scheduled. However, Devils Hole Spring and part of the spring run for Econfina Blue Spring Group are obstructed by debris and MFL development for these springs will be deferred to a future date.

Hydrologic data collection is planned to support future MFL development for the sand-and-gravel aquifer system and the Shoal River. Up to 12 additional monitor wells will be constructed to enhance our understanding of the sand-and-gravel aquifer system and interactions between the aquifer system and the Shoal River.

FY 2018-2019 Accomplishments and Challenges

The District's new MFL Rule and the minimum flow for the St. Marks River Rise became effective June 12, 2019. The minimum flow for the St. Marks River Rise allows for a reduction of 33 cubic feet per second (21.3 million gallons per day) from the long-term average daily flow of 452 cfs. The minimum flow for the St. Marks River Rise is currently being met.

During FY 2018-2019, hydrologic monitoring continued to support MFL development for the St. Wakulla Spring and Sally Ward Spring. The Eastern District Model, a regional groundwater flow model that encompasses the Wakulla Spring contribution area, was calibrated. Some refinements to the model datasets were completed. Following Hurricane Michael, channel transects along the Wakulla River were resurveyed to support riverine modeling. A hydrodynamic model was developed and calibrated to assess manatee thermal refuge.

To support MFL development for the coastal Floridan aquifer in Walton, Okaloosa, and Santa Rosa counties, datasets were compiled to support the development of groundwater flow and saltwater transport models. Water quality data collection also continued.

The development of hydrologic models for the Jackson Blue Spring system was deferred following Hurricane Michael due to the need to collect hydrologic data that is representative of post-hurricane conditions. Monitoring of spring discharge for the Gainer Spring Group, Sylvan Spring Group, and Williford Spring Group was initiated prior to Hurricane Michael and has continued following the storm. Planned monitor well construction on the Econfina Creek Water Management Area was deferred to year FY 2019-2020.

To support future MFL development for the Shoal River system and the sand-and-gravel aquifer, six sites were identified for 12 new monitor wells and easements for site access were obtained. Well construction specifications were developed by District staff and an Invitation to Bid for well construction services was posted in August 2019. Additionally, a new surface water monitoring station was installed on Pond Creek, a tributary to the Shoal River.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Resource Management Division
Kathleen Coates, Chief, Bureau of Water Resource Evaluation

FROM: Tony Countryman, Hydrogeologist IV, Bureau of Water Resource Evaluation

DATE: September 11, 2019

SUBJECT: Consideration of ITB 19B-009, Monitor Well Construction within the Shoal River Watershed of Okaloosa and Walton Counties

Recommendation

Staff recommends the Governing Board approve the responsive bid submitted in response to ITB 19B-009 for “Monitor Well Construction within the Shoal River Watershed of Okaloosa and Walton Counties” and authorize the Executive Director to enter into an agreement with Huss Drilling, Inc., for an amount not to exceed \$126,430.00, contingent upon approval of the District’s FY 2019-2020 budget.

Background

On August 5, 2019, the District issued an Invitation to Bid (ITB) 19B-009 for well construction services in support of Minimum Flows and Levels (MFLs) within the Shoal River watershed of Okaloosa and Walton counties. The contracted services will include the drilling and construction of up to 12 surficial aquifer monitor wells. In addition, geologic samples and geophysical logs will be collected during drilling and provide data needed to determine final well construction depths. Water level data collected from the monitor wells will be used to calibrate groundwater flow models and assess groundwater-surface water interactions.

On September 10, 2019, at 2:00 p.m. EDT, the District received two (2) sealed bids in response to this Invitation to Bid. One bid was determined to be nonresponsive. The responsive bid received is listed below for your consideration.

<u>COMPANY</u>	<u>TOTAL BID</u>
Huss Drilling, Inc.	\$126,430.00

Subsequent to approval by Governing Board, a contract will be negotiated, prepared and executed with the qualified responsive bidder. The proposed work is anticipated to begin in October 2019 and require approximately three months to complete. Funding for the work is included in the Fiscal Year 2019-2020 budget.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Division of Resource Management

FROM: Paul Thurman, Environmental Scientist IV

DATE: September 10, 2019

SUBJECT: Consideration of No-Cost Time Extension to Joint Funding Agreement No. 19MCJFA0040 with U.S. Geological Survey for Gulf County Canal Monitoring

Recommendation

Staff recommends the Governing Board authorize the Executive Director to execute a no-cost time extension through July 31, 2020, to Joint Funding Agreement No. 19MCJFA0040 with the U.S. Geological Survey (USGS) for the installation of two discharge/water quality monitoring stations along the Intracoastal Waterway/Searcy Creek.

Discussion

The purpose of this no-cost time extension is to provide time needed for USGS contractors to obtain U.S. Army Corps of Engineers permits for the installation of pilings in the Intracoastal Waterway in Gulf County. This agreement is for the installation of two discharge/water quality monitoring stations to determine the volume of freshwater being diverted into St. Joseph Bay through the Gulf County Canal. Residents and stakeholders have raised concerns about the potential for adverse effects, such as turbidity and changes in salinity, resulting from fresh-water discharges into the bay through the canal. However, there is very little data regarding the magnitude of canal discharges or their effects on St. Joseph Bay. Data collected through this project would help evaluate the magnitude, quality, and frequency of discharges through the canal and help provide a detailed understanding of the processes affecting water and habitat quality within the bay through potential multi-agency collaboration.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Resource Management Division
Paul Thorpe, Chief, Bureau of Environmental and Resource Planning

FROM: David Clayton, Environmental Scientist IV

DATE: August 26, 2019

SUBJECT: Consideration of Fiscal Year 2019-2020 Contractual Services to Support the District's Regional Wetland Mitigation Program

Recommendation

Staff recommends the Governing Board authorize the Executive Director to approve expenditures up to \$708,850 for contractual ecological and restoration services to support the District's Regional Mitigation Program for fiscal year (FY) 2019-2020, contingent upon approval of the District's FY 2019-2020 budget.

Background

The District supports the Florida Department of Transportation (FDOT) by providing wetland mitigation for transportation improvements in northwest Florida, pursuant to section 373.4137, Florida Statutes. The District only provides mitigation services for FDOT where services from private wetland mitigation banks are unavailable. Approximately two-thirds of northwest Florida is presently outside the service area of any private mitigation bank. The District's mitigation projects meet both the state and federal wetland permitting requirements and are critical to the success of priority FDOT transportation projects. The District's regional wetland mitigation program includes the Sand Hill Lakes Mitigation Bank, seven sites established under an In-Lieu Fee instrument permitted by the U.S. Army Corps of Engineers, and other individual projects that support FDOT mitigation needs.

Since its inception, the District has implemented 31 wetland mitigation projects that have compensated for 518 acres of direct wetland impacts and allowed 75 state transportation projects to be implemented. Among the many FDOT transportation projects made possible with District support have been the widening of U.S. Highway 98; U.S. Highway 331 roadway and bridge improvements; the St. George Island Bridge replacement; and widening projects for State Road 87, State Road 77, and State Road 79.

Activities Planned for Fiscal Year 2019-2020

During FY 2019-2020, restoration activities will be focused at the Dutex, Ward Creek West, Plum Creek, and Perdido Phase II mitigation sites. While many restoration activities are conducted by District's Asset Management Division staff, private contractual services are critical to ensure timely and effective implementation of the District's mitigation program.

Planned ecological and land management services include vegetation management and restoration for approximately 280 acres of hardwoods and shrubs at the Dutex and Ward Creek West properties; prescribed contract burning on 1,500 acres across several sites; and re-establishment of natural wetland vegetation on approximately 90 acres. Other habitat management services, monitoring, and reporting will also be conducted as required to implement approved mitigation plans and meet permit conditions. For FY 2019-2020, expenditures for ecological services and restoration are not anticipated to exceed \$708,850. Funding for these activities is provided by FDOT.

Prescribed fire is an essential component of District mitigation and land management programs, because many of the natural communities within the Florida Panhandle are maintained by frequent fires. Since hardwoods and fire-intolerant shrub species outcompete and replace desirable native vegetation in the absence of fire, reintroduction of frequent burns is critical to restoration success. Mechanical and chemical nuisance shrub eradication is also an important component of the mitigation program, often complementing prescribed fire.

Fiscal Year 2018-2019 Accomplishments

Restoration activities conducted during FY 2018-2019 included prescribed fire, shrub reduction, native species planting, exotic species eradication, and annual monitoring. Specific restoration projects were conducted at Dutex (Escambia County), Lafayette Creek (Walton County), Perdido Phase II (Escambia County), Plum Creek (Washington County), the Sand Hill Lakes Mitigation Bank (Washington County), Ward Creek West (Bay County), and Yellow River Ranch (Santa Rosa County). Approximately 1,700 acres of mitigation lands were burned during FY 2018-2019, including sand hills, wet prairie and hydric pine flatwoods. Eighteen acres of sand hill restoration were planted with wiregrass and 25 acres of forested wetlands were planted with pond cypress at Plum Creek. At Lafayette Creek 55 acres of hydric pine savanna restoration were planted with toothache grass. Shrub reduction activities were completed on 240 acres during the current fiscal year. Where appropriate conditions have been established, replanting has been conducted to reestablish desirable species.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director - Resource Management Division
Wendy Dugan, Director – Administration Division

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

DATE: September 11, 2019

SUBJECT: Consideration of Agreement with the City of Tallahassee and Leon County for Stormwater Flow Monitoring

Recommendation:

Staff recommends the Governing Board authorize the Executive Director to execute a contract to continue hydrologic monitoring for stormwater with the City of Tallahassee and Leon County for up to three years beginning October 1, 2019 and ending September 30, 2022. A three-year contract will total up to \$308,874 not to exceed an annual maximum value of \$102,958.

Discussion:

The District has been assisting the City of Tallahassee and Leon County with the maintenance and operation of stormwater monitoring equipment for 27 years. This program now includes the operation of 58 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.

The attached agreement provides the District with up to \$55,931 annually from the City of Tallahassee and up to \$47,027 annually from Leon County for three years covering all staff expenses, vehicle maintenance, information technology, and equipment costs from Fiscal Year 2019-2020 through Fiscal Year 2021-2022.

Attached: Draft Contract

STORMWATER FLOW MONITORING CONTRACT

CONTRACT NO. 20-###

THIS STORMWATER FLOW MONITORING CONTRACT (the "Contract"), is 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 payment of the lump sum fee of \$57,180 annually 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 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 at monitoring stations listed in "Attachment B – City of Tallahassee Supplementary Monitoring Services".
5. **That the CITY agrees to pay the lump sum fee of no more than \$27,341 annually 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”. The COUNTY maintains ownership of the equipment and materials for stations described in “Attachment C – Leon County Supplementary Monitoring Services” and the COUNTY will be responsible for repair costs, replacement equipment and materials at monitoring stations listed in “Attachment C – Leon County Supplementary Monitoring Services”.
7. **That the COUNTY agrees to pay the lump sum fee of no more than \$18,437 annually 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, 2019 and ending September 30, 2022. The CITY will pay the DISTRICT an annual lump sum fee of **\$55,931** for a Contract total of **\$167,793** for (i) the CITY’S equal share of the costs set forth in “Attachment A – Joint Stormwater Monitoring Program” and (ii) the CITY’S sole obligation for the costs set forth in “Attachment B – City of Tallahassee Supplementary Monitoring Services”. The COUNTY will pay the DISTRICT an annual lump sum fee of **\$47,027** for a Contract total of **\$141,081** for (i) the COUNTY’S equal share of the costs set forth in “Attachment A – Joint Stormwater Monitoring Program” and (ii) the COUNTY’S sole obligation for the costs set forth in “Attachment C – Leon County Supplementary Monitoring Services”.
9. That the DISTRICT shall separately invoice both the CITY and COUNTY on no more than 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 or contractors, upon request by the CITY or the COUNTY, to facilitate on-demand data access and data acquisition for data subject to quality assurance and quality control processes.

14. That the DISTRICT will provide authorization and co-ordination of access to Read Only Views of Cloud based data storage to the CITY and COUNTY for use in any services that may be selected by the CITY and/or the COUNTY to satisfy data delivery and data interface needs. These alternative services may operate using or in coordination with Monitoring Programs and Services that are a part of this Contract by reference. Any access to the data or data processing applications other than the Read Only Views referenced above shall require DISTRICT approval and an Amendment to this Contract to include any additional costs associated with changes to access.
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.
 - B. A formal Amendment to this Contract is required for changes which cause an increase or decrease in the cost of Operation and Maintenance; provided, however, that the determination of the amount of any increase or decrease in cost shall be made by the DISTRICT in its sole discretion.
 - C. All Change Orders or Amendments will identify all parties subject to contractual changes and are subject to the mutual agreement of all identified parties as evidenced in writing and must be signed by all identified parties in order to be effective.
16. That the continuation of this monitoring program in subsequent contractual periods 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.
17. 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.
18. 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 on a monthly basis and shall provide summary reports on a quarterly basis with the fourth quarter report being a yearly summary. 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.
19. 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.

20. That all notices and written communication between the parties shall be sent by electronic mail, U.S. Mail, a courier delivery service, or delivered in person. Notices shall be considered delivered when reflected by an electronic mail read receipt, a courier service delivery receipt, other mail service delivery receipt, or when receipt is acknowledged by recipient.
21. That the DISTRICT's Contract Manager (which may also be referred to as the DISTRICT's Project Manager) at the time of execution for this Agreement is identified below.

Edward Chelette, or his Successor	
Northwest Florida Water Management District	
Hydrologic Data Services Section	
81 Water Management Drive	
Havana, Florida 32333	
Telephone No.:	(850) 539-5999
E-mail Address:	Edward.Chelette@nwfwater.com

The CITY's Contract Manager (which may also be referred to as the CITY's Project Manager) at the time of execution for this Agreement is identified below.

David Henry, or his Successor	
City of Tallahassee	
Stormwater Management, Underground Utilities Department	
300 S. Adams Street, B-35	
Tallahassee, Florida 32301	
Telephone No.:	(850) 891-6877
E-mail Address:	David.Henry@talgov.com

The COUNTY's Contract Manager (which may also be referred to as the COUNTY's Project Manager) at the time of execution for this Agreement is identified below.

Theresa B. Heiker, or her Successor	
Leon County Public Works Department	
Engineering Services Division	
2280 Miccosukee Road	
Tallahassee, Florida 32308	
Telephone No.:	(850) 606-1526
E-mail Address:	HeikerT@leoncountyfl.gov

22. 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.

LEON COUNTY, FLORIDA

By: _____
Purchasing Director

Date: _____

ATTEST:

Approved as to Form:
Leon County Attorney's Office

Gwen Marshall, 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 J. Cyphers
Executive Director

Date: _____

List of attachments/exhibits included:

Attachment	A	Joint Stormwater Monitoring Program	(1 page)
Attachment	B	City of Tallahassee Supplementary Monitoring Services	(2 pages)
Attachment	C	Leon County Supplementary Monitoring Services	(2 pages)
Attachment	D	Property Transfer for Supplementary Monitoring Services	(1 page)
Exhibit	1	Station Identification Number to Station Name Matrix	(1 page)
Exhibit	2	Map – Leon County & Tallahassee Hydrologic Data Stations 2016	(1 page)
Exhibit	3	Map – City of Tallahassee Hydrologic Data Stations 2016	(1 page)
Exhibit	4	Map – Leon County Hydrologic Data Stations 2016	(1 page)

ATTACHMENT A

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 assist in updating hydrologic and flooding elevation data as actual growth and development occurs.

Monitoring Station Descriptions			
<u>Station Type</u>	<u>Station Count</u>	<u>Station Identification Number (see exhibit 1)</u>	
Stream Stage	4	19 ^(a) , 662 ^(a) , 660 ^(a) , 750 ^(a)	
Rainfall	10	602 ^(a) , 605 ^(a) , 606, 610 ^(a) , 613 ^(a) , 616 ^(a) , 623 ^(a) , 626 ^(a) , 628 ^(a) , 631 ^(a)	
Stream Stage + Rainfall	1	125/125	
Stream Discharge	10	4, 6, 10 ^(a) , 14, 15 ^(a) , 20 ^(a) , 35 ^(a) , 72 ^(a) , 100 ^(a) , 128	
Stream Discharge + Rainfall	2	3/601 ^(a) , 31/618 ^(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 Stage	4	\$1,411.00	\$ 5,644.00
Rainfall	10	\$1,645.00	\$ 16,450.00
Stream Discharge	10	\$2,659.00	\$ 26,590.00
Stream Stage + Rainfall	1	\$1,765.00	\$ 1,765.00
Stream Discharge + Rainfall	2	\$2,893.00	\$ 5,786.00
TOTAL OPERATION AND MAINTENANCE			\$ 56,235.00
Annual Data & Telemetry Services			
<u>Service</u>	<u>Station Count</u>	<u>Annual Cost Per Station</u>	<u>Total Cost</u>
Telemetry and Cloud data storage with read only access	21	\$45.00	\$ 945.00
TOTAL DATA & TELEMETRY SERVICE			\$ 945.00
TOTAL PROJECT COST			\$ 57,180.00
City of Tallahassee Annual Cost (50% of Total Project Cost)			\$ 28,590.00
Leon County Annual Cost (50% of Total Project Cost)			\$ 28,590.00

(a) Site uses Verizon telemetry

(b) Station Operation and Maintenance includes: maintenance, operation, repair and replacement of equipment, 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.

ATTACHMENT B

City of Tallahassee Supplementary Monitoring Services

1. The City of Tallahassee Supplementary Monitoring Services includes the operation and maintenance of 23 surface water and rainfall data collection stations for the CITY. The cost estimates for maintaining and operating this program are provided below. These monitoring stations will provide hydrologic data for the CITY. 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 prorated operational costs for active stations.

Annual Operation and Maintenance Services			
<u>Station Type</u>	<u>Station Count</u>	<u>Station Location (map number)</u>	<u>Annual Cost ^(b)</u>
Stage	6	Southwood Stormwater Ponds (698, 699)	\$ 6,066.00
		Regional Stormwater Facility (688)	
		East Drainage Ditch Stations (831, 832, 833)	
Telemetered Stage	5	Killearn Lake Stations (784 ^(a) , 785 ^(a) , 786 ^(a)) Central DD, Boone Blvd (687 ^(a) , 689)	\$ 5,055.00
Telemetered Rainfall	6	City Rainfall Network (681 ^(a) , 682 ^(a) , 683 ^(a) , 684 ^(a) , 685 ^(a) , 686 ^(a))	\$ 7,470.00
Maintenance of ALERT Equipment	6	City "ALERT" Network (681, 682, 683, 684, 685, 686)	\$ 1,500.00
Annual Equipment Repair and Replacement (10% basis)			
Repair and Replacement	17	Repair or replacement of pressure transducers, tipping buckets, data loggers, telemetry equipment, antennas, solar panels, and NEMA4 enclosures. Expended and invoiced on an as needed basis not to exceed:	\$ 6,800.00
Annual Data & Telemetry Services			
Telemetry and Cloud data storage	10	Cellular telemetry and Cloud based data processing with read only access for direct data acquisition by COT or COT contractors.	\$ 450.00
TOTAL SUPPLEMENTARY SERVICES - City of Tallahassee			\$ 27,341.00

(a) Site uses Verizon telemetry.

(b) Annual cost for Station Operation and Maintenance excluding ALERT surcharge, is \$1,011 for stage stations, and \$1,245 for rainfall stations. Surcharge for maintenance of ALERT equipment is \$250.00 per station per year. 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.

2. All equipment purchased for the City of Tallahassee Supplementary Monitoring Services shall remain as property of the CITY.
 - A. New equipment shall be purchased on an as-needed basis to replace City of Tallahassee Supplementary Monitoring equipment that has become non-functional or lost due to storm damage or theft. Upon receipt of replacement equipment the District will provide the CITY the following information for each piece of equipment: Name of equipment manufacturer, Model number, Serial number, and Cost

- B. Equipment repairs, and purchases will be invoiced on a quarterly basis as acquired, not to exceed \$6,800 unless increased through Amendment of this Agreement. Invoice for equipment reimbursement shall be accompanied by supporting documentation.
- C. The District will provide an annual inventory report with the final quarterly report that shall include the model, serial number, Inventory Control ID if provided by the City, current location of the item, and current condition of the item (New, Good, Fair, Poor, Nonfunctional).
- D. Equipment deemed by the District as no longer functional due to damage or obsolescence will be returned to the City Stormwater Management, Underground Utilities Department. Equipment returned to the City will be documented by a completed and signed Property Transfer (Attachment D.)
- E. The District will maintain two (2) additional tipping buckets (rainfall gauges) to allow for laboratory calibrations and rotation of field equipment on a quarterly basis.
- A. The District will retain up to two (2) Data Loggers with cellular modems at District Headquarters as back-up inventory. In the event a back-up logger or modem needs to be deployed it shall be replaced by the repaired equipment or, if the non-functional equipment cannot be repaired, by a new equipment. Purchase of new equipment will be contingent on available Repair and Replacement funds.
- F. The District will retain only repaired City pressure transducers as back-up equipment, when available, due to the high variability in cable lengths between stations.
- G. **REPLACEMENT OF EQUIPMENT MAY TAKE SEVERAL WEEKS.** Production and delivery of new equipment or warranty repairs may exceed 30 days. After receipt of replacement equipment and/or replacement parts, repairs shall be completed by the District in no more than 10 calendar days.

The Remainder of this Page Intentionally Left Blank

ATTACHMENT C

Leon County Supplementary Monitoring Services

1. The Leon 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 the 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.

Annual Operation and Maintenance Services			
<u>Station Type</u>	<u>Station Count</u>	<u>Station Location (map number)</u>	<u>Annual Cost ^(c)</u>
Stage	2	Lauder Pond (680), Lake Munson Outfall (776 ^(a))	\$ 2,022.00
Telemetered Rainfall	6	Commonwealth Blvd (648 ^(b)) Capitol Area Flood Warning Network (654 ^(a) , 753 ^(a) , 803 ^(a) , 804 ^(a) , 827 ^(a))	\$ 7,470.00
Telemetered Stage + Rainfall	3	Capitol Area Flood Warning Network (555 ^(a) , 729 ^(a) , 810 ^(a))	\$ 4,095.00
Annual Equipment Repair and Replacement (10% basis)			
Repair and Replacement	11	Repair or replacement of pressure transducers, tipping buckets, data loggers, telemetry equipment, antennas, solar panels, and NEMA4 enclosures. Expended and invoiced on an as needed basis not to exceed:	\$ 4,400.00
Annual Data & Telemetry Services			
Telemetry and Cloud data storage	10	Cellular telemetry and Cloud based data processing with read only access for direct data acquisition by Leon County or Leon County contractors.	\$ 450.00
TOTAL SUPPLEMENTARY SERVICES - Leon County			\$ 18,437.00

(a) Site uses Verizon telemetry.

(b) Annual cost for Station Operation and Maintenance is \$1,011 for stage stations, \$1,245 for rainfall stations, \$1,365 for stage + rainfall stations, \$2,259 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.

2. All equipment purchased for the Leon County Supplementary Monitoring Services shall remain as property of the County.
 - B. New equipment shall be purchased on an as-needed basis to replace Leon County Supplementary Monitoring equipment that has become non-functional or lost due to storm damage or theft. Upon receipt of replacement equipment, the District will provide the COUNTY the following information for each piece of equipment: Name of equipment manufacturer, Model number, Serial number, and Cost.

- C. Equipment repairs and purchases will be invoiced on a quarterly basis as acquired, not to exceed \$4,400 unless increased through Amendment of this Agreement. Invoice for equipment reimbursement shall be accompanied by supporting documentation.
- D. The District will provide an annual inventory report with the final quarterly report that shall include the model, serial number, Inventory Control ID if provided by the County, current location of the item, and current condition of the item (New, Good, Fair, Poor, Nonfunctional).
- E. Equipment deemed by the District as no longer functional due to damage or obsolescence will be returned to the Leon County Public Works Department. Equipment returned to the County will be documented by a completed and signed Property Transfer (Attachment D.)
- F. The District will maintain two (2) additional tipping buckets (rainfall gauges) to allow for laboratory calibrations and rotation of field equipment on a quarterly basis.
- G. The District will retain up to two (2) Data Loggers with cellular modems at District Headquarters as back-up inventory. In the event a back-up logger or modem needs to be deployed it shall be replaced by the repaired equipment or, if the non-functional equipment cannot be repaired, by a new equipment. Purchase of new equipment will be contingent on available Repair and Replacement funds.
- H. The District will retain only repaired County pressure transducers as back-up equipment, when available, due to the high variability in cable lengths between stations.
- I. **REPLACEMENT OF EQUIPMENT MAY TAKE SEVERAL WEEKS.** Production and delivery of new equipment or warranty repairs may exceed 30 days. After receipt of replacement equipment and/or replacement parts, repairs shall be completed by the District in no more than 10 calendar days.

The Remainder of this Page Intentionally Left Blank

ATTACHMENT D

Property Transfer for Supplementary Monitoring Services

Date: _____ Property Owner: City of Tallahassee ☐ Leon County ☐

Property Description: _____

Manufacturer: _____

Model: _____

Serial Number: _____

Invoice/PO #: _____ Purchase Date: _____

Other: _____

Deployment History:

Location: _____ Date Deployed: _____

Date Removed: _____

Location: _____ Date Deployed: _____

Date Removed: _____

Location: _____ Date Deployed: _____

Date Removed: _____

Location: _____ Date Deployed: _____

Date Removed: _____

Transfer Information:

Received By: _____

Received Date: _____

Condition: NEW GOOD FAIR POOR NONFUNCTIONAL DESTROYED

Signature (District Custodian)

Signature (Receiving Party)

EXHIBIT 1

Station Name to ID Matrix – 2019

Attachment	Monitoring Activity	Station Name	Station ID	(Archive Map#)
A - Joint	Rainfall	Capitol Circle Landfill (Munson Slough)	11284	601
A - Joint	Rainfall	Herron Steel	11285	602
A - Joint	Rainfall	Restoration Place Christian Heritage	11288	605
A - Joint	Rainfall	Tuck Site- N Centerville	11293	610
A - Joint	Rainfall	City Well- Limoges Dr	11296	613
A - Joint	Rainfall	Apalachee Regional Park	11299	616
A - Joint	Rainfall	San Luis Mission Park	11302	623
A - Joint	Rainfall	Chowkeebin Nene	11303	626
A - Joint	Rainfall	Wembley Way - Eastgate	11304	628
A - Joint	Rainfall	Forest Meadows City Park	11306	631
A - Joint	Stage	Central DD @ Orange Ave	8465	19
A - Joint	Stage	Lake Lafayette Outfall	8471	35
A - Joint	Stage	NE DD @ Centerville & Blairstone	11327	660
A - Joint	Stage	Leon Highschool Stormwater Inlet	11956	750
A - Joint	Stage	Lake Bradford	12082	662
A - Joint	Stage/Discharge	Munson Slough @ Capitol Circle	8434	3
A - Joint	Stage/Discharge	Bradford Brook @ Aenon Church	8445	4
A - Joint	Stage/Discharge	W Drainage Ditch @ W Tennessee	8449	6
A - Joint	Stage/Discharge	Fords Arm Tributary @ Meridian	8454	10
A - Joint	Stage/Discharge	Alford Arm Tributary @ Miccosukee	8459	14
A - Joint	Stage/Discharge	Alford Arm Tributary @ Buck Lake	8460	15
A - Joint	Stage/Discharge	W DD @ Roberts Ave	8466	20
A - Joint	Stage/Discharge	Lake Kanturk Outfall	8469	31
A - Joint	Stage/Discharge	NE DD @ Mahan Dr	8474	72
A - Joint	Stage/Discharge	Park Ave DD @ Violet	8479	100
A - Joint	Stage/Discharge	E DD @ Adams	8481	128
A - Joint	Stage/Rainfall	John Knox Pond	10935	125
A - Joint	Stage/Rainfall	Lake Jackson Retention Pond	11289	606

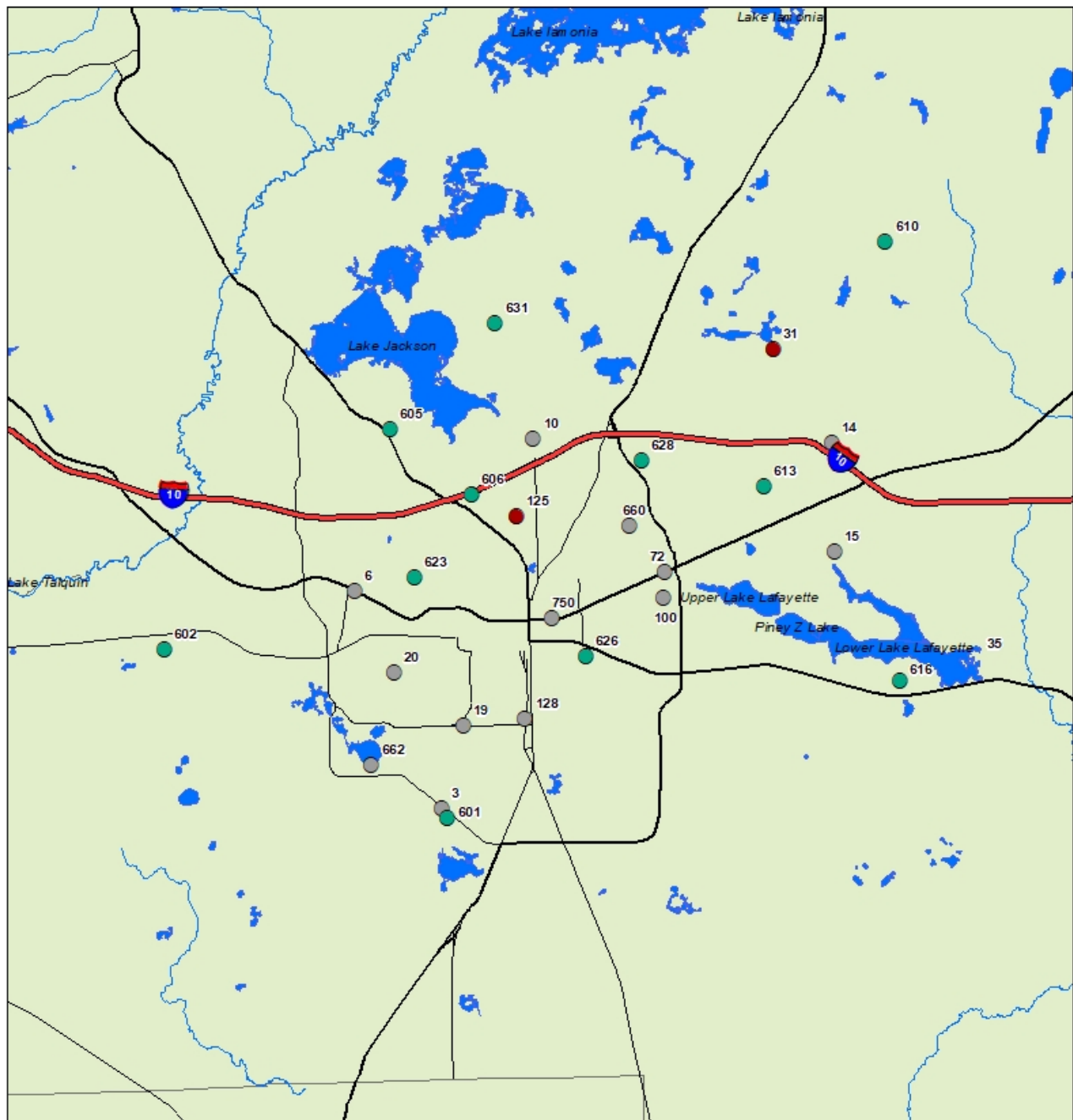
The Remainder of this Page Intentionally Left Blank

EXHIBIT 1**Station Name to ID Matrix – 2019**

Attachment	Monitoring Activity	Station Name	Station ID	(Archive Map#)
B - City	Rainfall	City Hall Rain (City ID# 100)	11329	11329
B - City	Rainfall	Senior Citizen Center (City# 200)	11330	682
B - City	Rainfall	Streets & Drainage (City# 300)	11331	683
B - City	Rainfall	Hilaman Golf Course (City# 400)	11332	684
B - City	Rainfall	Jake Gaither Golf Course (City# 500)	11333	685
B - City	Rainfall	Southwood Golf Course (City# 600)	11334	686
B - City	Stage	Central DD @ Lake Bradford Rd	11335	687
B - City	Stage	Regional Stormwater Facility	11336	688
B - City	Stage	Boone Blvd Holding Pond	11337	689
B - City	Stage	Southwood SW Pond	11342	698
B - City	Stage	Southwood SW Pond	11343	699
B - City	Stage	Lake Kinsale	12547	784
B - City	Stage	Lake Killarny	12548	785
B - City	Stage	Lake Kanturk	12549	786
B - City	Stage	East Drainage Ditch @ Nancy	12739	833
B - City	Stage	East Drainage Ditch @ Texas	12740	832
B - City	Stage	East Drainage Ditch @ Orange Ave.	12741	831
C - County	Rainfall	Commonwealth Blvd	11320	648
C - County	Rainfall	Bannerman Rd	11325	654
C - County	Rainfall	Wakulla Work Center	11369	803
C - County	Rainfall	Military Trail	11370	804
C - County	Rainfall	Miccosukee Community Center	12149	753
C - County	Rainfall	Ft. Braden Rainfall	12728	827
C - County	Stage	Lauder Pond	11328	680
C - County	Stage	Lake Munson Outfall	12463	776
C - County	Stage/Rainfall	Ames Sink	7795	555
C - County	Stage/Rainfall	Still Creek	11359	729
C - County	Stage/Rainfall	Lake Iamonia Outfall	11373	810

The Remainder of this Page Intentionally Left Blank

EXHIBIT 2 Joint Hydrologic Data Stations – 2019



Monitor Stations

- Discharge
- Discharge + Rain
- Discharge + WQ
- Rain
- Stage
- Stage + Rain

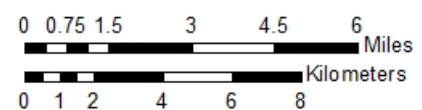
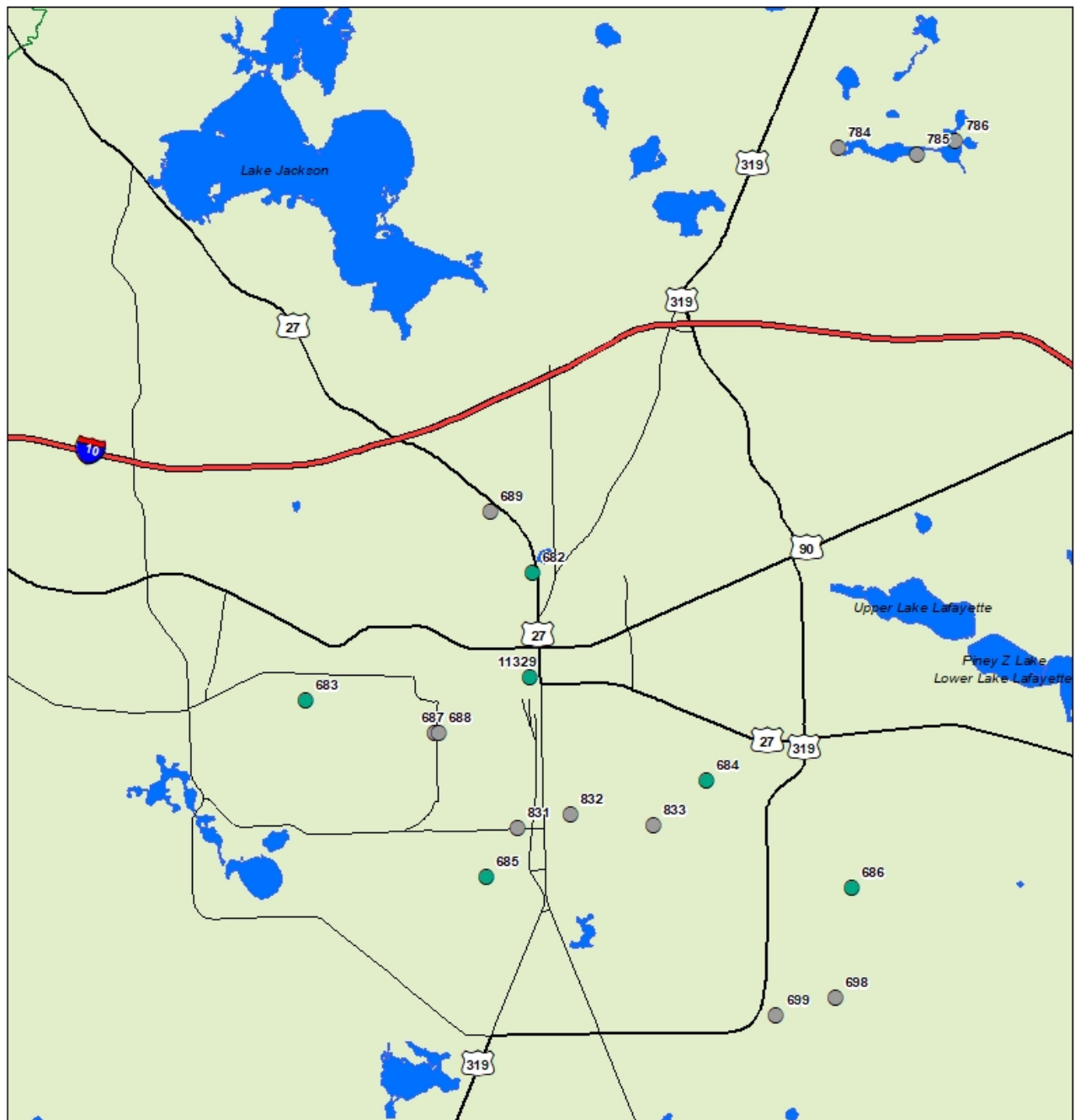


EXHIBIT 3

City of Tallahassee Hydrologic Data Stations – 2019



Monitor Stations

- Discharge
- Discharge + Rain
- Discharge + WQ
- Rain
- Stage
- Stage + Rain

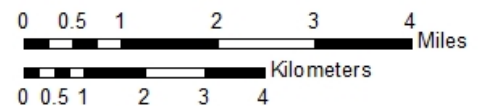
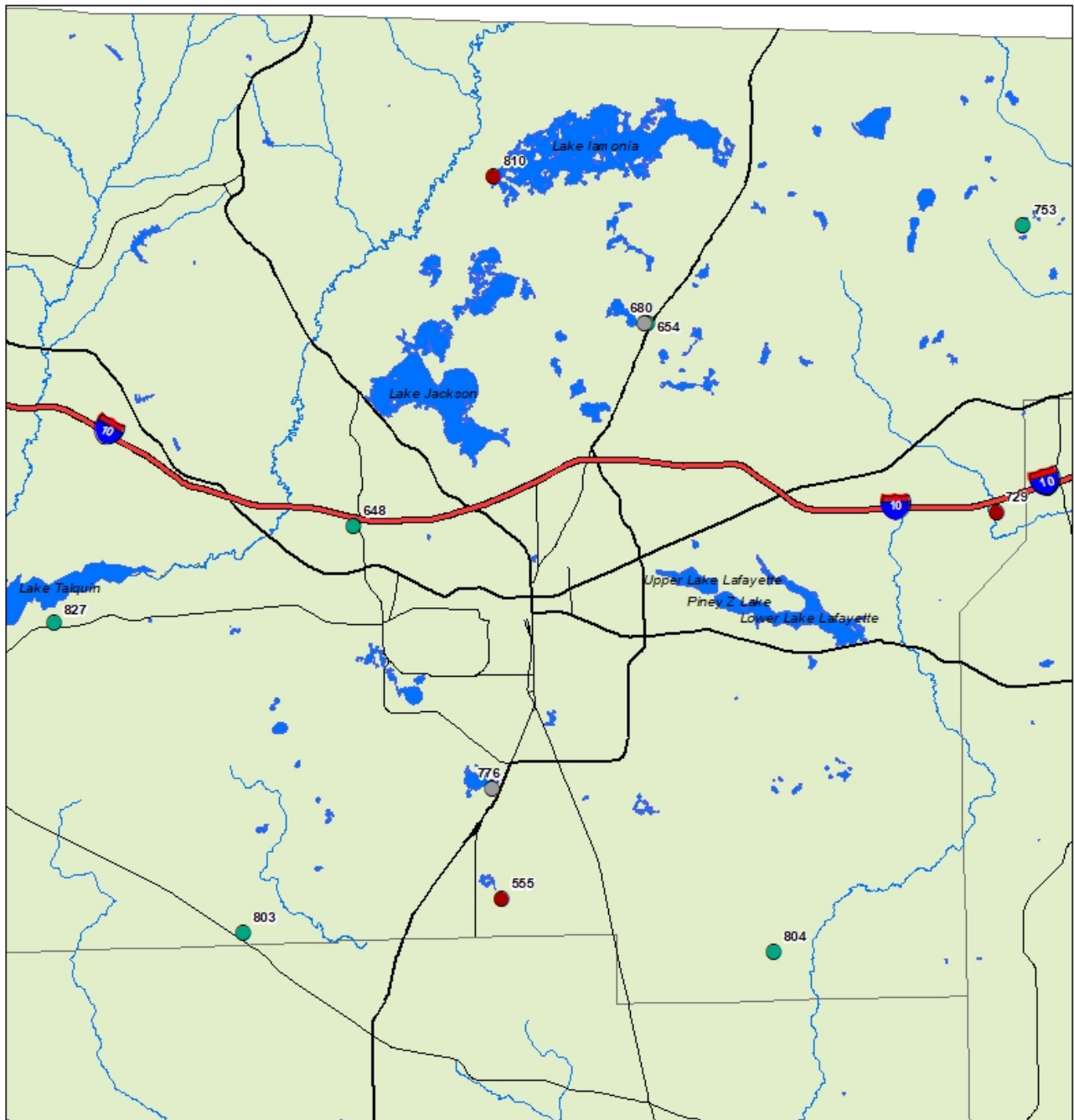


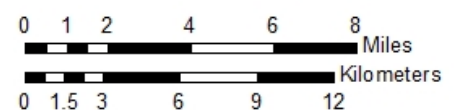
EXHIBIT 4

Leon County Hydrologic Data Stations – 2019



Monitor Stations

- Discharge
- Discharge + Rain
- Discharge + WQ
- Rain
- Stage
- Stage + Rain



DRAFT

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Division of Resource Management
Jerrick Saquibal, Chief, Bureau of Hydrology and Engineering

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

DATE: September 11, 2019

SUBJECT: Consideration of U.S. Geological Survey Joint Funding Agreement

Recommendation:

Staff recommends the Governing Board authorize the Executive Director to execute a Joint Funding Agreement (JFA) with the U.S. Geological Survey (USGS) for continuation of monitoring at Telogia Creek, Apalachicola River at Chattahoochee, Apalachicola River at Sumatra, Yellow River at State Road 87, and Spring Creek at Spring Creek, for a total cost not to exceed \$84,297 for Fiscal Year 2019–2020.

Discussion:

The District has participated in a cooperative water resource investigation program with the U.S. Geological Survey (USGS) for the past 43 years. All five Water Management Districts contract with the USGS for data collection services. Of the five districts the NFWFMD cooperative program continues to have the lowest number of stations and the lowest cost.

The program provides valuable water resource information and enables the District to maintain cooperating agency status with the USGS, which provides the District access to USGS maps, records, reports, computer databases/applications, and training. This JFA provides funding for the operation of continuous discharge and stage at five stations. The stations are operated by the USGS with data updated in real-time at the USGS website. The Telogia Creek station provides valuable data for resource management and consumptive use regulation. The Apalachicola River and Yellow River stations provide information for flood warning and resource management. The Spring Creek station provides valuable information for resource management as well as important data for the Wakulla Minimum Flows and Minimum Levels program.

The joint funding agreement includes \$84,297 in District funding for Fiscal Year 2019-2020. The USGS is providing matching funds in the amount of \$38,910 to cover the total operational cost of the network of \$123,207. The total cost of the Spring Creek gauge is split between the District and the Department of Environmental Protection.

Attachment: USGS Joint Funding Agreement # 20MCJFA0002

Form 9-1366
(May 2018)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Customer #: 6000001073
Agreement #: 20MCJFA0002
Project #: MC00E2A
TIN #: 59-1530621

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the October 1, 2019, by the **U.S. GEOLOGICAL SURVEY**, Caribbean-Florida Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT** party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a data collection program (per Attachment A), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$38,910.00 by the party of the first part during the period
October 1, 2019 to September 30, 2020
- (b) \$84,297.00 by the party of the second part during the period
October 1, 2019 to September 30, 2020
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0.00
- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www.usgs.gov/about/organization/science-support/science-quality-and-integrity/fundamental-science-practices>).

Form 9-1366
(May 2018)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Customer #: 6000001073
Agreement #: 20MCIFA0002
Project #: MC00E2A
TIN #: 59-1530621

9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

USGS Technical Point of Contact

Name: Ronald Knapp
Hydrologic Data Chief, Tallahassee
Address: 2639 North Monroe Street Suite A-200
Tallahassee, FL 32303
Telephone: (850) 553-3675
Fax: (850) 553-3641
Email: rgknapp@usgs.gov

Customer Technical Point of Contact

Name: Edward Chelette
Program Manager
Address: 81 Water Management Drive
Havana, FL 32333
Telephone: (850) 539-5999
Email: Edward.Chelette@nfwfwater.com

USGS Billing Point of Contact

Name: Susan Jones
Budget Analyst
Address: 4446 Pet Lane Suite 108
Lutz, FL 33559
Telephone: (813) 498-5009
Fax: (813) 498-5002
Email: swjones@usgs.gov
DUNS: 137783937


Customer Billing Point of Contact

Name: Edward Chelette
Program Manager
Address: 81 Water Management Drive
Havana, FL 32333
Telephone: (850) 539-5999
Email: Edward.Chelette@nfwfwater.com

U.S. Geological Survey
United States
Department of Interior

Northwest Florida Water
Management District

Signature

By  Date: 7-16-2019
Name: David M. Sumner, Ph.D., PG
Title: Director, Caribbean-Florida Water Science Center

Signatures

By _____ Date: _____
Name: _____
Title: _____

By _____ Date: _____
Name: _____
Title: _____

By _____ Date: _____
Name: _____
Title: _____

ATTACHMENT A

Proposed 2020 Water Year Cooperative Streamflow Program, USGS and NFWFWM
 Period of Performance: October 1, 2019 to September 30, 2020

June 18, 2019

Northwest Florida Water Management District

STATION NUMBER	STATION NAME	SW	QW	TOTAL	USGS CMF	NFWFWM Cost	Type	Coop
02327031	Spring Creek near Spring Creek, FL*	\$19,611	\$0	\$19,611	\$7,410	\$12,201	discharge	NFWFWM
02327031	Spring Creek (Rain Gage)*	\$1,065	\$0	\$1,065	\$0	\$1,065	Rain	NFWFWM
02327031	Spring Creek (Wind Speed and Direction)*	\$2,459	\$0	\$2,459	\$0	\$2,459	Wind	NFWFWM
02327031	Spring Creek (Specific Conductant and Temp)*	\$0	\$5,392	\$5,392	\$0	\$5,392	Temp, SC	NFWFWM
02330100	Telogia Creek near Bristol, FL	\$16,480	\$0	\$16,480	\$5,000	\$11,480	Discharge	NFWFWM
02358000	Apalachicola River at Chattahoochee, FL	\$16,480	\$0	\$16,480	\$5,000	\$11,480	Discharge	NFWFWM
02358000	Apalachicola River at Chattahoochee, FL (tbrg)	\$1,590	\$0	\$1,590	\$0	\$1,590	Rain	NFWFWM
02359170	Apalachicola River near Sumatra, FL (index-velocity)	\$29,270	\$0	\$29,270	\$10,750	\$18,520	Discharge	NFWFWM
02369600	Yellow River near Milton, FL	\$29,270	\$0	\$29,270	\$10,750	\$18,520	Discharge	NFWFWM
02369600	Yellow River near Milton, FL (tbrg)	\$1,590	\$0	\$1,590	\$0	\$1,590	Rain	NFWFWM
Totals		\$117,815	\$5,392	\$123,207	\$38,910	\$84,297		

* FDEP cost shares 1/3

	Surface Water		Water Quality		Total	
	2020		2020		2020	
Totals	117,815		5,392		123,207	
Northwest Florida WMD	78,905		5,392		84,297	
Cooperative Matching Funds	38,910		0		38,910	

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff
Carlos Herd, Director, Division of Resource Management
Paul Thorpe, Chief, Bureau of Environmental and Resource Planning

FROM: Christina Coger, Program Manager, Resource Planning

DATE: September 11, 2019

SUBJECT: Consideration of Fiscal Year 2019-2020 Strategic Water Management Plan

Recommendation

Staff recommends the Governing Board approve the Fiscal Year 2019-2020 update to the District Strategic Water Management Plan and authorize the Executive Director to finalize the plan pending any comments from the public and the Florida Department of Environmental Protection.

Discussion

Section 373.036, Florida Statutes (F.S.), provides the Governing Board the option of developing an annual strategic plan in lieu of a five-year District Water Management Plan. The strategic plan is intended to guide the District's strategic priorities for at least a five-year period and to identify supporting goals, strategies, success indicators, funding sources, deliverables, and milestones.

The District's Strategic Water Management Plan (SWMP) was most recently approved in September 2018. This update maintains the six strategic priorities identified in previous years and is consistent with the District's FY 2019-2020 Tentative Budget. Priorities for 2020-2024 are:

- Springs Restoration and Protection – Restore and protect water quality and flows within the major spring systems of northwest Florida.
- Minimum Flows and Minimum Water Levels (MFLs) – Develop and implement science-based MFLs that protect water resources and associated natural systems.
- Apalachicola-Chattahoochee-Flint River Basin – Protect Apalachicola River and Bay water quality and restore freshwater inflow.
- Water Supply – Plan and facilitate sustainable water supplies for future reasonable and beneficial uses.

- Watershed Restoration and Protection – Restore and protect watershed resources and functions.
- Flood Protection and Floodplain Management – Maintain natural floodplain functions and minimize harm from flooding.

Section 373.036, F.S., further requires, as an addendum, a separate Annual Work Plan Report on the Strategic Plan's implementation. The annual work plan report is submitted each year with the District's March 1 Consolidated Annual Report.

This 2019-2020 SWMP is available for public review via the District's website. In addition to this comment period and participation in Governing Board meetings, the public is also afforded the opportunity to participate in the development of other plans and documents, which are functional components of the SWMP. Examples include regional water supply plans, the Florida Forever Work Plan, MFL development, and District rules.

The SWMP is not a self-executing plan; specific actions and expenditures are developed for separate consideration and approval. This plan is reviewed and updated annually based on performance measures and results outlined in the annual report, direction from the Governing Board, and input from the public and DEP.

Link: [FY 2019-2020 Strategic Water Management Plan](#)

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Asset Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Lennie Zeiler, Director, Division of Asset Management

DATE: September 11, 2019

SUBJECT: Adoption of the District's Land Management Plan for the East Region and the Required Reporting Associated with Land Management Review Teams

Recommendation:

Staff recommends the Governing Board adopt the land management plan for the east region.

Background:

On September 13, 2018, the Governing Board was presented an overview of the development of land management plans and land management review teams. On October 12, 2018, the Governing Board approved the award of RFP 18-007 Contractual Services – District Owned Land Management Plans to Forestech Consulting, Inc. (DBA F4 TECH) to develop three land management plans for an amount not to exceed \$280,000.00 and a contract period ending September 30, 2021, subject to approval of the Fiscal Year 2018-2019, 2019-20, and 2020-21 budgets.

The desired outcome of this planning effort is the development of land management plans for District-owned lands that primarily focus on the protection of water resources and the associated conservation of natural systems based on scientific, technical, and historic understanding of the District's resources and how to best manage, develop, and protect the critical surface and subsurface water resources on these lands. The land management plans will assist the District in making resource allocations that achieve desired outcomes and measure results in achieving those outcomes.

Three regional land management plans representing the Bureau of Land Management's operational designations and related water management areas are scheduled to be developed.

East – Chipola River, Apalachicola River and Elinor Klapp-Phipps Park (Draft to Governing Board September 2019)

West – Perdido River, Escambia River, Blackwater River, Yellow River, and Garcon Point (Draft to Governing Board June 2020)

Central – Choctawhatchee River, Holmes Creek, and Econfinia Creek (Draft to Governing Board June 2021)

The completed land management plans will establish a baseline that enables the Governing Board, District, and Land Management Review Teams to:

- 1) Conduct an evaluation of the extent to which the land is being managed for the purposes for which it was acquired and the degree to which actual management practices, including public access, are in compliance with the adopted management plan.
- 2) Conduct an evaluation of the extent to which the existing management plans provide sufficient protection to:
 - a. Threatened or endangered species;
 - b. Unique or important natural or physical features;
 - c. Geological or hydrological functions; or
 - d. Archaeological features.
- 3) Provide an annual report of properties reviewed and the findings of the Land Management Review Team.

The District posted the draft land management plan for the east region on its website on September 9, 2019, for public comments and notified state agencies and soil and water conservation districts. Two public hearings were conducted on September 20, 2019, in Marianna and Bristol.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Asset Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Lennie Zeiler, Director, Division of Asset Management

DATE: September 11, 2019

SUBJECT: Authorization to Reimburse the St. Johns River Water Management for Assistance provided under 2018 Florida Statewide Mutual Aid Agreement

Recommendation:

Staff recommends the Governing Board authorize payment to the St Johns River Water Management District for efforts made to assist the District in recovering from the impacts of Hurricane Michael as FEMA reimbursements are received.

Background:

Under the 2018 Florida Statewide Mutual Aid Agreement, the St. Johns River Water Management District (SJRWMD) provided personnel and equipment to assist the District in recovering from the impacts of Hurricane Michael. The SJRWMD focused on clearing roads, trails, and fire breaks. Their efforts were crucial for District staff to obtain access to facilities and recreation sites after the storm as well as reducing wildfire risk. To date, SJRWMD has submitted reimbursement request totaling \$80,260.83 and pending reimbursement for more recent efforts is estimated to total \$20,000.00

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Asset Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff
Lennie Zeiler, Director, Division of Asset Management

FROM: Tyler Macmillan, Chief, Bureau of Land Management Operations

DATE: September 10, 2019

SUBJECT: Consideration of Invitation to Bid 19B-011; Williford Spring Hurricane Repair Project

Recommendation:

Staff recommends the Governing Board approve the bids submitted in response to Invitation to Bid 19B-011 and authorize the Executive Director to enter into an agreement for this project with the low bidder, Missy & Mossy, LLC in the amount of \$ 129,635.00.

Background:

Trees felled by Hurricane Michael resulted in damage to the boardwalk and floating dock at the District's Williford Spring Recreation Area in the Econfina Creek Water Management Area. District staff issued an Invitation to Bid (ITB) for the "Williford Spring Hurricane Repair Project" on August 6, 2019. The ITB specified that the boardwalk system and dock must be repaired to pre-storm conditions, utilizing the original construction designs to guide the work. A mandatory pre-bid meeting held onsite on August 20, 2019 included representatives from twelve companies.

On September 9, 2019, at 2:00 p.m. EDT, the District opened two sealed bids. The bids received are listed below.

Company	Total Bid
Hydra Engineering & Construction, LLC	\$ 162,740.01
Missy & Mossy, LLC	\$ 129,635.00

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Asset Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Lennie Zeiler, Director
Division of Asset Management

DATE: September 6, 2019

SUBJECT: Consideration of Purchase of Parcel Database Services

Recommendation:

Staff recommends the Governing Board approve the purchase of parcel data acquisition and standardization services for \$86,273 from Quantum Spatial, Inc. for the next five years for all sixteen counties in the Northwest Florida Water Management District.

Background:

District staff utilizes geospatial mapping and parcel data to assist with permit application review in the Regulation of Water Wells, Water Use Permitting, Permitting for Agricultural and Forestry Surface Water Projects, and the Environmental Resource Permitting Program. The data is also valuable for use in land acquisition, engineering, and other activities throughout the District. Historically, one vendor has been utilized on a year-by-year basis to provide geospatial mapping and parcel data across all five water management districts to ensure the data sets are consistent and seamless across water management district boundaries.

This year the data collection effort was spearheaded by the Southwest Florida Water Management District for a five-year contract to reduce duplicative data collection efforts and to develop a more consistent parcel data set to support water management activities. The annual costs for collecting, processing and standardization for 15 of 16 counties within our District will be \$1,113.20 per county, however, Jefferson County is a 50-percent cost share with Suwannee River Water Management District for an annual cost of \$556.60. In total, the annual cost for all 16 counties within our District will be \$17,254.60 or \$86,273 for five years.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Asset Management Committee

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Lennie Zeiler, Director, Division of Asset Management

DATE: September 4, 2019

SUBJECT: Consideration of Request for Authorization to Declare and Dispose of
Surplus Property

Recommendation:

Staff recommends the Governing Board approve to declare property item number 01435 as surplus, authorize staff to dispose of the items in accordance with established procedures, and remove them from the District's property records.

Background:

The District's 2018 Ford F350 was involved in an accident on April 9, 2019, in DeFuniak Springs. The estimated repairs exceeded the insurance company's threshold and was declared totaled. The insurance company (FMIT) has offered \$52,000 for replacement value and request relinquishment of the title.

Property ID#	Vin Number	Year/Make/Model	Mileage	Book Value
ID# 01435	1FD8W3HT5JEC65319	2018 FORD Super Duty F-350, WMD96275	8,610 miles	\$34,382.25
ID#01435 (B)	Serial No.: 911451	Service Body	N/A	\$14,373.86

LZ/sm

**Northwest Florida Water Management District
Governing Board Meeting Minutes**

Thursday, August 22, 2019

9255 Sturdevant Street

Pensacola, Florida 32514

1. Opening Ceremonies

Called to order at 1:00 p.m.

Brett Cyphers called the roll and a quorum was declared present.

Present: Jerry Pate, Vice Chair; John Alter, Secretary-Treasurer; Gus Andrews; Jon Costello; Nick Patronis; Bo Spring

Absent: George Roberts, Chair; Ted Everett

2. Special Thanks and Recognition

None.

3. Changes to the Agenda

None.

4. Approval of the Minutes for July 25, 2019

MOTIONED BY JOHN ALTER, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD APPROVE THE MINUTES FOR JULY 25, 2019. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

5. Approval of the Financial Reports for the Month of June 2019

MOTIONED BY NICK PATRONIS, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD APPROVE THE FINANCIAL REPORTS FOR THE MONTH OF JUNE 2019. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

6. Committee Reports and Recommendations for Board Action

Asset Management Committee:

Consideration of ITB No. 19B-008; Devils Swamp North 2019 Thinning Timber Sale

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD APPROVE THE BIDS SUBMITTED IN RESPONSE TO INVITATION TO BID 19B-008, AND AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT FOR THIS TIMBER SALE WITH THE HIGH BIDDER, DEERPOINT TIMBER, AT THE BID PRICES OF \$8.00 PER TON FOR PINE PULPWOOD; \$23.00 PER TON

FOR PINE CHIP-N-SAW; AND \$34.00 PER TON FOR PINE SAW TIMBER. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Extension to Agreement 18-032; 2018 Greenhead Road Sand Pine Timber Sale

MOTIONED BY JON COSTELLO, SECONDED BY GUS ANDREWS, THAT THE GOVERNING BOARD AUTHORIZE STAFF TO EXECUTE A SECOND EXTENSION OF AGREEMENT 18-032, ALLOWING AN ADDITIONAL 180 DAYS TO COMPLETE THE TIMBER HARVEST. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Extension to Agreement 18-052; Econfina Creek 2018 Sand Pine Timber Sale

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD AUTHORIZE STAFF TO EXECUTE A SECOND EXTENSION OF AGREEMENT 18-052, ALLOWING AN ADDITIONAL 180 DAYS TO COMPLETE THE TIMBER HARVEST. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Amendment No. 1 to Contract with Washington County Sheriff's Office for Law Enforcement and Security Services; Choctawhatchee River and Holmes Creek and Econfina Creek WMAs

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE AMENDMENT NO. 1 WITH THE WASHINGTON COUNTY SHERIFF'S OFFICE, SUBJECT TO APPROVAL AND ADOPTION OF THE BUDGET FOR FISCAL YEAR 2019-2020. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Agreement with Florida Department of Agriculture and Consumer Services for Prescribed Fire Enhancement Funding

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE A CONTRACTUAL SERVICES AGREEMENT WITH THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES TO RECEIVE FUNDING FOR PRESCRIBED FIRE ENHANCEMENT, SUBJECT TO APPROVAL OF THE DISTRICT'S FISCAL YEAR 2019-2020 BUDGET AND ADMINISTRATIVE AND LEGAL REVIEW. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Agreement with The Nature Conservancy for the Perdido River and Bay Paddle Trail Project

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE AN AGREEMENT WITH THE NATURE CONSERVANCY FOR THE PERDIDO RIVER PADDLE TRAIL PROJECT. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Resolution No. 854 to the Department of Environmental Protection for Acquisition of the Dry Creek Conservation Easement; Chipola River WMA

MOTIONED BY JON COSTELLO, SECONDED BY JOHN ALTER, THAT THE GOVERNING BOARD APPROVE AND ADOPT RESOLUTION NO. 854 TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR

ACQUISITION OF THE DRY CREEK PLANTATION CONSERVATION EASEMENT IN THE CHIPOLA RIVER WMA. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Grant of Easements to the Regional Utilities for Access and Reclaimed Water Pipeline Through District Lands; Lafayette Creek

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD (i) MAKE A DETERMINATION THAT THE ACCESS AND PIPELINE EASEMENTS TO THE REGIONAL UTILITIES ARE COMPATIBLE WITH THE RESOURCE VALUES OF, AND MANAGEMENT OBJECTIVES OF, THE DISTRICT'S LANDS, (ii) GRANT THE EASEMENTS, AND (iii) AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE THE EASEMENTS WITH THE REGIONAL UTILITIES, SUBJECT TO LEGAL COUNSEL REVIEW AND APPROVAL. GUS ANDREWS ABSTAINED FROM VOTING DUE TO A FAMILIAL RELATIONSHIP. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Sale of Access Easement to Petersen et al; Econfinia Creek WMA

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD (i) MAKE A DETERMINATION THAT THE ACCESS EASEMENT IS COMPATIBLE WITH CONSERVATION, PRESERVATION OR RECREATION PURPOSES, (ii) APPROVE THE SALE OF AN ACCESS EASEMENT TO PETERSEN ET AL AT APPRAISED VALUE AND, (iii) AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE THE EASEMENT, SUBJECT TO LEGAL COUNSEL REVIEW AND APPROVAL. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Acceptance of the Appraisals and Approval of the Contract for Sale and Purchase on 38-Acres; Choctawhatchee River WMA

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD (i) ACCEPT THE APPRAISAL PREPARED BY BELL, GRIFFITH AND ASSOCIATES, INC. AND THE REVIEW APPRAISAL PREPARED BY CARROLL APPRAISAL COMPANY FOR THE 38-ACRE SURPLUS TRACT IN WALTON COUNTY, (ii) AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE THE CONTRACT FOR SALE AND PURCHASE, THE DEED OF CONVEYANCE TO A PRIVATE ENTITY AND ALL CLOSING DOCUMENTS ON BEHALF OF THE DISTRICT FOR THE SALE OF THE 38-ACRE TRACT FOR \$42,000, SUBJECT TO THE TERMS AND CONDITIONS OF THE AGREEMENT, APPROVAL OF THE AGREEMENT BY LEGAL COUNSEL AND THE PURCHASER, AND (iii) CHOOSE NOT TO RESERVE THE INTEREST IN THE PROPERTY'S PHOSPHATE, MINERALS, METALS, AND PETROLEUM. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Sole Source Purchase from F4 Tech for Support, Training and Hosting

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD APPROVE F4 TECH'S PROPOSAL OF \$30,695 FOR ONGOING ANNUAL SUPPORT, TRAINING, AND HOSTING OF SILVASSIST DASHBOARD, ASSOCIATED SOFTWARE AND HARDWARE TOOLS, AND AUTHORIZE STAFF TO PREPARE A PURCHASE ORDER, SUBJECT TO APPROVAL OF THE FISCAL YEAR 2019-2020 BUDGET. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

Consideration of Request for Authorization to Declare and Dispose of Surplus Property

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD DECLARE ASSET TAG #s 2188, 00379, 2204, AND 2550 AS SURPLUS AND AUTHORIZE STAFF TO DISPOSE OF THE

ITEMS IN ACCORDANCE WITH ESTABLISHED PROCEDURES AND REMOVE THEM FROM THE DISTRICT'S PROPERTY RECORDS. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

7. Request for Release of Fiscal Year 2019-2020 State Appropriations

MOTIONED BY JON COSTELLO, SECONDED BY JOHN ALTER, THAT THE GOVERNING BOARD ADOPT RESOLUTION NO. 855 TO REQUEST THE SECRETARY OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION TO RELEASE FUNDS FROM THE GENERAL REVENUE FUND IN THE AMOUNT OF \$5,211,231 AND FROM THE LAND ACQUISITION TRUST FUND IN THE AMOUNT OF \$3,421,000. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

8. Consideration of Committing Fiscal Year 2018-2019 Fund Balances as Required by GASB Statement No. 54

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD ADOPT RESOLUTION NO. 856 TO COMMIT FUND BALANCES FOR FISCAL YEAR 2018-2019 AS FOLLOWS:

- COMMIT \$540,763 OF THE GENERAL FUND BALANCE FOR WATER SUPPLY DEVELOPMENT ASSISTANCE GRANTS;
- COMMIT \$500,000 FROM THE GENERAL FUND BALANCE FOR THE BAY COUNTY NORTH BAY REUSE GRANT;
- COMMIT \$100,000 FROM THE GENERAL FUND BALANCE FOR THE WEEMS ROAD PASS GRANT;
- COMMIT \$61,345 FROM THE GENERAL FUND BALANCE FOR THE APALACHICOLA BAY GRANT; AND
- COMMIT THE AMOUNT OF THE GENERAL FUND BALANCE FOR AN ECONOMIC STABILIZATION FUND PURSUANT TO DISTRICT POLICY.

NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

9. Consideration of Grant Agreement Extension for the Moore Creek Mount Carmel Utilities Water Production Wells Project

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD APPROVE THE PROPOSED EXTENSION OF MOORE CREEK MOUNT CARMEL UTILITIES WATER PRODUCTION WELLS PROJECT UNTIL SEPTEMBER 30, 2020. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

10. Consideration of Amendment to extend the Revenue Contract with the Florida Department of Environmental Protection for Water Resource Monitoring

MOTIONED BY JON COSTELLO, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD APPROVE CONTINUED PARTICIPATION IN THE INTEGRATED WATER RESOURCES MONITORING PROGRAM AND AUTHORIZE THE EXECUTIVE DIRECTOR TO EXECUTE AN AMENDMENT TO EXTEND THE REVENUE CONTRACT 17-070 FOR THE CONTRACT PERIOD OF JULY 1, 2019 THROUGH JUNE 30, 2020. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

11. Consideration of New FEMA Cooperating Technical Partner Funding for Fiscal Year 2019-2020

MOTIONED BY NICK PATRONIS, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD APPROVE THE AMENDMENT OF THE COOPERATING TECHNICAL PARTNER AGREEMENT WITH THE FEDERAL EMERGENCY MANAGEMENT AGENCY TO ACCEPT AND AUTHORIZE SPENDING \$1,347,000 IN NEW FUNDING TO DEVELOP TOOLS TO ASSIST COMMUNITIES IN REDUCING FLOOD RISK. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

12. Consideration of Projects for FY 2019-2020 Alternative Water Supply Funding

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD APPROVE SUBMITTAL OF THE OKALOOSA COUNTY/EGLIN AFB/NICEVILLE RECLAIMED WATER PROJECT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR FUNDING CONSIDERATION. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

13. Request for Authorization to Undergo Rule Development

MOTIONED BY BO SPRING, SECONDED BY NICK PATRONIS, THAT THE GOVERNING BOARD APPROVE INITIATION OF RULE DEVELOPMENT ON SECTIONS 40A-3.037 AND 40A-3.041 WITHIN CHAPTER 40A-3, F.A.C., REGULATION OF WELLS, AND ESTABLISH CHAPTER 40A-7, F.A.C., CONTRACTOR SUSPENSION, DURING THE NEXT TWELVE MONTHS AND APPROVE THE PROPOSED RULEMAKING ITEMS IN THE 2019-2020 ANNUAL REGULATORY PLAN PURSUANT TO SECTION 120.74, FLORIDA STATUTES. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

11. Legal Counsel Report

No pending cases in which the District is a party.

12. Hurricane Michael Recovery Update

Informational purposes only.

Meeting was adjourned at 1:40 p.m.

Chair

Date

Executive Director

Agency Clerk

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending July 31, 2019

Balance Forward - Operating Funds \$45,020,243.46

Operating Funds Received in current month:

Revenue Receipts, Current	\$265,559.22	
Contracts Receivable	801,473.72	
Other Deposits/Refunds/Adjustments	28,830.46	
Transfers from Lands Accounts	0.00	
Total Deposits during month	1,095,863.40	1,095,863.40

Total Deposits and Balance Forward \$ 46,116,106.86

Disbursements:

Employee Salaries	412,578.30	
Employee Benefits	199,960.37	
Employee Flexible Spending Account	0.00	
Contractual Services (Professional)	167,045.23	
Operating Expenses - Services	137,958.35	
Operating Expenses - Commodities	18,290.44	
Operating Capital Outlay	151,073.03	
Grants and Aids	437,093.82	
Total Operating Expenses during month	1,523,999.54	1,523,999.54
Payables, Prior Year	0.00	
Other Disbursements or (Credits)	24,520.39	
Total Funds Disbursed by check during month	1,548,519.93	1,548,519.93
Bank Debits (Fees, Deposit Slips, etc.)	0.89	
Transfer to Land Acquisition Account	0.00	

Total Funds Disbursed 1,548,520.82

Cash Balance Operating Funds at month end \$ 44,567,586.04

Operating Depositories:

Petty Cash Fund	250.25	
General Fund Checking	1,171,429.04	
Payroll Account	6,869.62	
Investment Accounts @ 2.52%		
General Fund	20,431,057.64	
Lands Fee Fund	6,581,146.61	
SWIM Fund	102,981.78	
Springs Protection	57.27	
Mitigation Fund	16,273,793.83	

Total Operating Depositories at month end \$ 44,567,586.04

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending July 31, 2019

Land Acquisition Funds @ 2.52%	\$ 295,213.08	
Total Land Acquisition Funds		295,213.08
Restricted Management Funds:		
Phipps Land Mgmt @ 2.52%	63,379.99	
Total Land Acquisition Funds		
Fla. Board of Administraton Cypress Springs R&M Account @ 2.52%	826,956.93	
Total Restricted Land Management Funds		<u>890,336.92</u>
Total Land Acquisition, and Restricted Management Funds		<u>1,185,550.00</u>
TOTAL OPERATING, LAND ACQUISITION, & RESTRICTED FUNDS AT MONTH END		<u>\$ 1,185,550.00</u>

Approved: _____
Chairman or Executive Director

Date: September 26, 2019

Northwest Florida Water Management District
Statement of Sources and Uses of Funds
For the Period ending July 31, 2019
(Unaudited)

	Current Budget	Actuals Through 7/31/2019	Variance (under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 3,433,483	\$ 3,441,905	\$ 8,422	100%
Intergovernmental Revenues	56,212,922	14,351,746	(41,861,176)	26%
Interest on Invested Funds	144,939	894,175	749,236	617%
License and Permit Fees	396,438	411,533	15,095	104%
Other	5,342,260	582,850	(4,759,410)	11%
Fund Balance	28,021,745		(28,021,745)	0%
Total Sources	\$ 93,551,787	\$ 19,682,209	\$ (73,869,578)	21%

	Current Budget	Expenditures	Encumbrances¹	Available Budget	%Expended	%Obligated²
Uses						
Water Resources Planning and Monitoring	\$ 6,725,131	\$ 2,653,780	\$ 203,832	\$ 3,867,519	39%	42%
Acquisition, Restoration and Public Works	53,849,473	7,038,771	301,344	46,509,359	13%	14%
Operation and Maintenance of Lands and Works	5,051,396	2,504,936	463,630	2,082,829	50%	59%
Regulation	3,855,871	2,453,366	53,501	1,349,004	64%	65%
Outreach	133,959	103,385	1,170	29,404	77%	78%
Management and Administration	1,977,637	1,483,856	24,696	469,085	75%	76%
Total Uses	\$ 71,593,467	\$ 16,238,094	\$ 1,048,173	\$ 54,307,200	23%	24%
Reserves	21,958,320			21,958,320	0%	0%
Total Uses and Reserves	\$ 93,551,787	\$ 16,238,094	\$ 1,048,173	\$ 76,265,520	17%	18%

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 July 31, 2019, and covers the interim period since the most recent audited financial statements.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

GENERAL FUND

JULY 2019

CHECKS	7/3/2019	\$ 252,327.40
AP EFT CHECKS	7/5/2019	25,188.18
DIRECT DISBURSEMENT	7/5/2019	470.00
CHECKS	7/11/2019	336,429.62
AP EFT CHECKS	7/12/2019	25,797.00
CHECKS	7/18/2019	112,603.65
AP EFT CHECKS	7/19/2019	4,705.34
DIRECT DISBURSEMENT	7/19/2019	45.00
CHECKS	7/25/2019	302,579.30
AP EFT CHECKS	7/26/2019	2,319.96
RETIREMENT EFT	7/2/2019	53,643.14
MO Fee	7/31/2019	0.89
Voided Check	7/31/2019	(583.31)
		\$ <u><u>1,115,526.17</u></u>

Chairman or Executive Director

September 26, 2019

Date

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
4923	JOHN ALTER	07/03/2019	69.74	GOVERNING BOARD MEETING
4742	BRECK BRANNEN	07/03/2019	105.02	GOVERNING BOARD MEETING
5428	CARDNO, INC	07/03/2019	30,025.53	AS NEEDED ECOLOGICAL, HYROLOGI
5033	JON COSTELLO	07/03/2019	116.02	GOVERNING BOARD MEETING
3761	EMERALD COAST UTILITIES AUTHORITY	07/03/2019	165,965.08	PENSACOLA BEACH RECLAIMED WATE
422	ESCAMBIA CO. TAX COLLECTOR	07/03/2019	172.00	POSTAGE
422	ESCAMBIA CO. TAX COLLECTOR	07/03/2019	11,507.32	2018 COMMISSIONS
391	GADSDEN COUNTY TAX COLLECTOR	07/03/2019	42.50	BOAT REGISTRATION RENEWAL-RMD
916	GULF POWER COMPANY	07/03/2019	687.20	ELECTRIC-DEFUNIAK FIELD OFFICE
5120	JOHNSON'S AUTO REPAIR, INC.	07/03/2019	289.85	VEH REPAIR, WMD2421,ERP
5120	JOHNSON'S AUTO REPAIR, INC.	07/03/2019	755.54	VEHICLE REPAIR - WMD2439, REG.
5120	JOHNSON'S AUTO REPAIR, INC.	07/03/2019	1,230.81	VEHICLE REPAIR - WMD2433 -POOL
76	LEON COUNTY PROPERTY APPRAISER	07/03/2019	2,417.70	4TH QTR FY 18-19
5488	DEBORAH A LIENBY	07/03/2019	2,460.00	PITT SPRING REPLACEMENT PLANTS
3266	LOWE'S COMPANIES INC.	07/03/2019	82.06	MATERIAL TO REPAIR CEILING IN
4090	JERRY PATE	07/03/2019	79.53	GOVERNING BOARD MEETING
4849	NICK PATRONIS	07/03/2019	59.06	GOVERNING BOARD MEETING
3851	SOUTHEASTERN SURVEYING & MAPPING CORP	07/03/2019	16,255.42	AS NEEDED PROFESSIONAL SURVEYI
5651	SGS TECHNOLOGIE, LLC	07/03/2019	373.33	HOSTINA AND MAINTAINING DISTRI
5153	ALZO SLADE	07/03/2019	2,240.00	RENOVATIONS TO LAB BUILDING
4967	SAMUEL SPRING	07/03/2019	98.22	GOVERNING BOARD MEETING
5091	SUPER DAVE WINDOW TINTING ENTERPRISES, INC	07/03/2019	588.00	LAB RENOVATIONS - WINDOW TINT
4955	TERRY'S HOME & LAWN MAINTENANCE, INC.	07/03/2019	3,526.90	RECREATION SITE CLEANUP-CONTRA
2808	THAT BOOT STORE	07/03/2019	200.00	SAFETY BOOTS
2808	THAT BOOT STORE	07/03/2019	145.79	SAFETY BOOTS-MOORE
5218	WAGEWORKS, INC.	07/03/2019	158.10	FLEXIBLE SPENDING ACCOUNT ADMI
4626	WASTE PRO OF FLORIDA, INC	07/03/2019	155.67	SOLID WASTE- HQ
5565	JAMES H WILLIAMS	07/03/2019	12,521.01	AG BMP COST SHARE/CROP ROTATIO

TOTAL CHECKS

252,327.40

3293	ANGUS G. ANDREWS, JR.	07/05/2019	34.14	GOVERNING BOARD MEETING
3293	ANGUS G. ANDREWS, JR.	07/05/2019	8,125.00	COMMERCIAL LEASE DEFUNIAK SPRI
4944	BRETT CYPHERS	07/05/2019	48.51	GOVERNING BOARD MEETING

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AP COMPUTER PAID/EFT CHECKS

4944	BRETT CYPHERS	07/05/2019	104.58	TRAVEL REIMBURSEMENT
5298	TED EVERETT	07/05/2019	43.93	GOVERNING BOARD MEETING
3660	RAGINA FLENNIKEN	07/05/2019	36.19	REFUND FOR ICMA LOAN
3942	A & W VENTURES, L.C.	07/05/2019	156.34	PORTABLE TOILET FOR PHIPPS PAR
2268	INNOVATIVE OFFICE SOLUTIONS, INC	07/05/2019	837.00	PHONE MAINTENANCE
5368	KOUNTRY RENTAL NWF, INC.	07/05/2019	549.99	THREE PORTABLE TOILETS AT PITT
5368	KOUNTRY RENTAL NWF, INC.	07/05/2019	207.50	CLEANING OF ECONFINA OFFICE AN
5368	KOUNTRY RENTAL NWF, INC.	07/05/2019	7,355.00	PORTABLE & COMPOSTTOILET SERVI
3813	PENNINGTON, P.A.	07/05/2019	7,580.00	LEGAL COUNSEL
5621	MARGARET SEWARD	07/05/2019	110.00	TRAVEL REIMBURSEMENT
TOTAL ACH TRANSFER			<u>25,188.18</u>	
5556	REFUND OPAY	07/05/2019	150.00	P18647-2 AUDRA HAYDEN OVERPAYM
5556	REFUND OPAY	07/05/2019	70.00	CHRIS BROCKMEIER P287280 OVERP
5556	REFUND OPAY	07/05/2019	250.00	P18647-2 AUDRA HAYDEN NEEDS RE
TOTAL DIRECT DISBURSEMENT			<u>470.00</u>	
TOTAL AP			<u><u>277,985.58</u></u>	

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5022	AG-PRO LLC	07/11/2019	70.01	DRIVE BELT FOR JOHN DEERE LAWN
5022	AG-PRO LLC	07/11/2019	43.34	DRIVE BELT FOR JOHN DEERE LAWN
5089	ATKINS NORTH AMERICA, INC.	07/11/2019	15,163.24	RISK MAP PROGRAM SUPPORT
5668	ATWELL, LLC	07/11/2019	100.00	P287350 REFUND EPERMIT DISCOUN
325	BAY CO. PROPERTY APPRAISER	07/11/2019	2,283.25	4TH QTR FY 18-19
5637	CRITICAL MEDIA	07/11/2019	3,050.00	NEWS MEDIA TRACKING SERVICE
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/11/2019	300.00	ADMINISTRATIVE FEES FOR THE BR
3424	DURRA-QUICK-PRINT INC.	07/11/2019	15.00	BUSINESS CARDS
4748	EAST MILTON WATER SYSTEM	07/11/2019	10.23	WATER- MILTON FIELD OFFICE
2713	FL DEPT OF AG. & CONSUMER SERVICES	07/11/2019	432.00	PRESCRIBED BURN ASSISTANCE
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	07/11/2019	1,097.84	MAINTENANCE AND MONITORING ALA
5373	GILMORE SERVICES	07/11/2019	52.35	DOCUMENT DESTRUCTION JUNE 2019
247	HOLMES COUNTY TAX COLLECTOR	07/11/2019	9.00	2018 POSTAGE
5235	JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS	07/11/2019	241,560.12	INDIAN SPRINGS SEWER EXTENSION
61	JACKSON COUNTY FLORIDAN	07/11/2019	238.65	WATER USE PERMIT LEGAL AD
5120	JOHNSON'S AUTO REPAIR, INC.	07/11/2019	633.03	VEHICLE REPAIR WMD 96212
4873	MAIN STREET AUTOMOTIVE, INC.	07/11/2019	35.96	OPEN PURCHASE ORDER FOR ERP-CF
5513	MECK LAND HOLDINGS, LLC	07/11/2019	2,850.75	AG BMP COST SHARE AGREEMENT
63	NORTHWEST FLORIDA DAILY NEWS	07/11/2019	124.02	WATER USE PERMIT LEGAL AD
5414	OFFICE BUSINESS SYSTEMS, INC.	07/11/2019	0.26	COPIER MAINTENANCE RENEWAL
5414	OFFICE BUSINESS SYSTEMS, INC.	07/11/2019	70.66	COPIER MAINTENANCE RENEWAL
5414	OFFICE BUSINESS SYSTEMS, INC.	07/11/2019	6.56	COPIER MAINTENANCE RENEWAL
5414	OFFICE BUSINESS SYSTEMS, INC.	07/11/2019	20.75	COPIER MAINTENANCE RENEWAL
1205	OFFICE DEPOT, INC.	07/11/2019	162.90	PERMITTING SUPPLIES
1205	OFFICE DEPOT, INC.	07/11/2019	(99.00)	CREDIT FOR PRESSBOARD FOLDERS RETURNED
288	OKALOOSA CO. PROPERTY APPRAISER	07/11/2019	1,751.11	4TH QTR FY 18-19
62	PENSACOLA NEWS-JOURNAL	07/11/2019	103.30	NOTICE OF INTENT TO ADOPT
5444	PENSACOLA SHOE HOSPITAL & BOOT STORE	07/11/2019	200.00	SAFETY BOOTS-BRUTON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	238.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	238.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	315.00	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	400.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/11/2019	157.50	PORTABLE TOILET SERVICES - CON
5434	PRESIDIO NETWORKED SOLUTIONS LLC	07/11/2019	21,360.74	SWITCH ORDER FROM PRESIDIO
4068	RING POWER CORPORATION	07/11/2019	14,851.73	CAT DOZER REPAIRS
523	SANTA ROSA PRESS GAZETTE	07/11/2019	106.82	WATER USE PERMIT LEGAL AD

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

5651	SGS TECHNOLOGIE, LLC	07/11/2019	5,242.00	MAKE NWFWATER.COM ADA COMPLIAN
4091	THE SHOE BOX	07/11/2019	196.95	STAFF UNIFORMS
5667	SOUTHERN REALTY AND DEVELOPMENT COMPANY LLC	07/11/2019	100.00	PERMIT 287586 CAME IN AS AN EP
105	TALLAHASSEE DEMOCRAT	07/11/2019	65.60	NOTICE OF INTENT TO ADOPT
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/11/2019	257.12	WATER/SEWER- HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/11/2019	89.29	SECURITY LIGHTS- HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/11/2019	4,686.24	ELECTRIC- HQ
2855	UNIVERSITY OF FLORIDA	07/11/2019	14,196.86	BMP SOD BASED CROP ROTATION SY
4557	VERIZON WIRELESS	07/11/2019	175.68	CELL PHONES
4557	VERIZON WIRELESS	07/11/2019	1,388.73	JETPACKS AND AIR CARDS
4557	VERIZON WIRELESS	07/11/2019	(100.00)	CELL PHONE EQUIP CREDIT-CAMBRON
75	WALTON COUNTY PROPERTY APPRAISER	07/11/2019	1,704.03	4TH QTR FY 18-19
TOTAL CHECKS			<u>336,429.62</u>	
3337	FORESTECH CONSULTING	07/12/2019	23,235.00	EAST REGION LAND MANAGEMENT PL
3337	FORESTECH CONSULTING	07/12/2019	2,125.00	SUPPORT AND HOSTING FOR LAND M
5504	ANDREW JOSLYN	07/12/2019	268.00	TRAVEL REIMBURSEMENT
1095	TYLER MACMILLAN	07/12/2019	90.00	TRAVEL REIMBURSEMENT
5442	LEONARD ZEILER	07/12/2019	79.00	TRAVEL REIMBURSEMENT
TOTAL ACH TRANSFER			<u>25,797.00</u>	
TOTAL AP			<u>362,226.62</u>	

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
4418	ARS POWER SPORTS, INC.	07/18/2019	10,805.00	ALL TERRAIN VEHICLES
5003	THE BALMORAL GROUP, LLC	07/18/2019	24,941.19	WATER SUPPLY PLANNING AND ECON
2967	BANK OF AMERICA	07/18/2019	539.91	REG SUPPLIES-AMAZON
2967	BANK OF AMERICA	07/18/2019	174.27	AMAZON FOR OFFICE SUPPLIES/SSD
2967	BANK OF AMERICA	07/18/2019	202.00	UPS BATTERY AND UPS NETWORK CA
2967	BANK OF AMERICA	07/18/2019	129.94	RMD AMAZON PURCHASE
2967	BANK OF AMERICA	07/18/2019	443.93	MACK SEMI REPAIRS
2967	BANK OF AMERICA	07/18/2019	3,430.00	MACK SEMI REPAIRS
2967	BANK OF AMERICA	07/18/2019	65.00	REG FIELD AND OFFICE SUPPLIES
2967	BANK OF AMERICA	07/18/2019	157.55	REG FIELD AND OFFICE SUPPLIES
2967	BANK OF AMERICA	07/18/2019	665.00	REPAIR A-C UNIT IN ADMIN, HQ
2967	BANK OF AMERICA	07/18/2019	666.96	WINDOWS VPS FOR XCONNECT SITE
2967	BANK OF AMERICA	07/18/2019	249.99	STANDING DESK FOR WENDY DUGAN
2967	BANK OF AMERICA	07/18/2019	139.00	SIMPLYFORTRAN LICENSE
2967	BANK OF AMERICA	07/18/2019	360.97	UPS BATTERY FROM AMAZON
2967	BANK OF AMERICA	07/18/2019	7,115.23	DEFUNIAK BOARDROOM EQUIPMENT
2967	BANK OF AMERICA	07/18/2019	3,285.22	P-CARD PURCHASES
5662	BARINEAU HEATING AND AIR CONDITIONING, INC	07/18/2019	1,250.00	REPAIR A/C UNIT 7, RM 75-ADMIN
5671	THOMAS BASFORD	07/18/2019	100.00	REFUND WELL PERMIT 287939-1
4778	BENSON'S HEATING AND AIR CONDITIONING, INC.	07/18/2019	318.13	REPAIR LEIBERT A/C UNIT IN SER
5664	BRIAN BARNARD'S FLOORING AMERICA	07/18/2019	3,699.57	INSTALL NEW FLOOR IN LAB OFFIC
4686	MCCASKILL - QUIGLEY FORD, INC	07/18/2019	197.47	VEHICLE REPAIR
1035	COLE-PARMER INSTRUMENT COMPANY	07/18/2019	247.02	NIST TRACEABLE THERMOMETERS
5179	BERKMAN LLC	07/18/2019	4,188.00	LEXTREE ANNUAL SUBSCRIPTION
3904	DADE PAPER & BAG COMPANY	07/18/2019	955.37	GENERAL SUPPLIES
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/18/2019	672.26	DEP INTEREST
3126	DEWBERRY ENGINEERS, INC	07/18/2019	1,800.00	WATER RESOURCES PROJECT SUPPOR
3126	DEWBERRY ENGINEERS, INC	07/18/2019	12,600.00	WATER RESOURCES PROJECT SUPPOR
4937	DIGITAL NOW INC.	07/18/2019	842.00	PLOTTER SERVICE AGREEMENT
4888	ESPOSITO GARDEN CENTER	07/18/2019	10,085.18	LAWN MOWER FOR HEADQUARTERS
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/18/2019	23.66	FAR AD
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/18/2019	33.60	FAR AD FOR JUNE 27, 2019, GB M
391	GADSDEN COUNTY TAX COLLECTOR	07/18/2019	119.55	TAG & TITLE REGISTRATION FOR C
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	07/18/2019	190.00	REMOTE LINK SOFTWARE UPDATE
916	GULF POWER COMPANY	07/18/2019	517.59	ELECRTIC- MILTON FIELD OFFICE

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

698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/18/2019	451.35	COPIER LEASE RENEWALS
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/18/2019	123.75	COPIER LEASE RENEWALS
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/18/2019	300.50	COPIER LEASE RENEWALS
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/18/2019	282.02	COPIER LEASE RENEWAL - RMD
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/18/2019	270.58	COPIER LEASE RENEWALS
4873	MAIN STREET AUTOMOTIVE, INC.	07/18/2019	35.06	OPEN PURCHASE ORDER FOR ERP-CF
5146	MICHAEL CORRIE MANNION	07/18/2019	1,940.40	STAFF AUGMENTATION FOR CUSTOM
1205	OFFICE DEPOT, INC.	07/18/2019	33.42	YELLOW FILE FOLDERS FOR JANNIE
5615	OFFICIAL PAYMENTS CORP	07/18/2019	460.88	ONLINE PERMITTING FEES
5669	PARRISH BUILDERS, INC	07/18/2019	100.00	P287768 \$100 REFUND EPERMIT DI
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	238.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	157.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	238.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	238.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	315.00	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	400.50	PORTABLE TOILET SERVICES - CON
4081	POT-O-GOLD RENTALS, LLC	07/18/2019	157.50	PORTABLE TOILET SERVICES - CON
4345	PRIDE ENTERPRISES FORESTRY	07/18/2019	1,395.00	PEDESTAL GRILLS FOR REC AREAS
4971	ROBERT "MIKE" SEEDERS PLUMBING, INC.	07/18/2019	124.50	REPAIR SINK DRAIN IN MENS REST
4799	STAPLES CONTRACT & COMMERCIAL, INC.	07/18/2019	155.67	RMD OFFICE SUPPLIES
4799	STAPLES CONTRACT & COMMERCIAL, INC.	07/18/2019	(54.40)	RETURNED ITEM
4799	STAPLES CONTRACT & COMMERCIAL, INC.	07/18/2019	87.40	OFFICE SUPPLIES
2808	THAT BOOT STORE	07/18/2019	198.00	SAFETY BOOTS
2855	UNIVERSITY OF FLORIDA	07/18/2019	300.00	SEED CLEANING (TOOTHACHE GRASS
5218	WAGeworks, INC.	07/18/2019	59.15	COBRA ADMINISTRATION
2631	WASHINGTON COUNTY SHERIFF'S OFFICE	07/18/2019	12,328.00	LAW ENFORCEMENT-CONTRACT NO. 1
2992	BANK OF AMERICA	7/18/2019	250.53	ACCOUNT ANALYSIS
2992	BANK OF AMERICA	7/18/2019	332.78	ONLINE ACCESS TO BANK ACCOUNT

TOTAL CHECKS

112,603.65

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

3293	ANGUS G. ANDREWS, JR.	07/19/2019	999.14	REIMBURSEMENT FOR DEFUNIAK WAT
4845	CALHOUN COUNTY SHERIFF'S OFFICE	07/19/2019	2,169.20	LAW ENFORCEMENT - CONTRACT NO
4607	MAIL FINANCE INC	07/19/2019	482.00	MAILING SYSTEMS FOR HQ, CRESTV
2268	INNOVATIVE OFFICE SOLUTIONS, INC	07/19/2019	837.00	PHONE MAINTENANCE
4305	DANA PALERMO	07/19/2019	218.00	TRAVEL REIMBURSEMENT
	TOTAL ACH TRANSFER		<u>4,705.34</u>	
5556	REFUND OPAY	07/19/2019	35.00	REFUND WELL PERMIT #287761
5556	REFUND OPAY	07/19/2019	10.00	REFUND WELL PERMIT 287636-1
	TOTAL DIRECT DISBURESMENT		<u>45.00</u>	
	TOTAL AP		<u><u>117,353.99</u></u>	

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5127	ALAN JAY FLEET SALES	07/25/2019	25,075.25	HALF TON PICKUP TRUCK - RMD
5127	ALAN JAY FLEET SALES	07/25/2019	33,094.25	2019 FORD TRANSIT WAGON T-350
4418	ARS POWER SPORTS, INC.	07/25/2019	10,805.00	ALL TERRAIN VEHICLES
3158	BELL, GRIFFITH & ASSOCIATES, INC.	07/25/2019	2,000.00	APPRAISAL OF 38-ACRE SURPLUS T
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/25/2019	296.19	RETIREE MEDICARE INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/25/2019	2,338.34	RETIREE MEDICAL INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/25/2019	50,762.74	EMPLOYEE MEDICAL INSURANCE
5006	BROWN'S REFRIGERATION & EQUIPMENT CO., INC.	07/25/2019	140.00	FILTER REPLACEMENT FOR DRINKIN
1617	CAPITAL HEALTH PLAN	07/25/2019	83,879.29	EMPLOYEE MEDICAL INSURANCE
5243	CARROLL APPRAISAL COMPANY, INC.	07/25/2019	1,200.00	REVIEW APPRAISAL OF 38-ACRE SU
4676	CITY OF MILTON FLORIDA	07/25/2019	66.34	DUMPSTER SERVICE
4676	CITY OF MILTON FLORIDA	07/25/2019	19.36	SEWER- MILTON FIELD OFFICE
3289	CITY OF TALLAHASSEE	07/25/2019	39.76	LAKESHORE
5554	COMCAST	07/25/2019	133.12	INTERNET- MARIANNA FIELD OFFICE
5672	CREATIVE PULTRUSIONS, INC.	07/25/2019	15,810.00	ECONFINA BLUE SPRING CAMP BRID
45	DMS	07/25/2019	(107.87)	CRESTVIEW LOCAL PHONES
45	DMS	07/25/2019	46.62	CONFERENCE CALLS
45	DMS	07/25/2019	21.75	AIR CARDS AND HOTSPOTS
45	DMS	07/25/2019	592.46	DEFUNIAK LOCAL PHONES
45	DMS	07/25/2019	1,327.00	HQ LOCAL PHONES
45	DMS	07/25/2019	1,420.09	DEFUNIAK LONG DISTANCE
45	DMS	07/25/2019	6,936.34	ETHERNET-ALL
45	DMS	07/25/2019	152.34	LONG DISTANCE- HQ
45	DMS	07/25/2019	4.07	LAN PORTS & INTRA/INTERNET
45	DMS	07/25/2019	0.01	LAN PORTS & INTRA/INTERNET
45	DMS	07/25/2019	1.29	MILTON LONG DISTANCE
45	DMS	07/25/2019	69.12	MILTON LOCAL PHONES
3424	DURRA-QUICK-PRINT INC.	07/25/2019	15.00	BUSINESS CARDS-MEREDITH
4103	EDDIE ENGLISH COMPANY, INC.	07/25/2019	364.00	4 NEW TIRES FOR 14' TRAILER WM
4855	ENVIRON SERVICES INCORPORATED	07/25/2019	2,583.34	JANITORIAL SERVICES, HEADQUART
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/25/2019	25.34	FAR AD
349	GADSDEN COUNTY PROPERTY APPRAISER	07/25/2019	955.54	3RD & 4TH QTR FY 18-19
391	GADSDEN COUNTY TAX COLLECTOR	07/25/2019	119.55	TAG & TITLE REGISTRATION FOR 2
2291	GULF COAST ELECTRIC COOPERATIVE, INC	07/25/2019	474.69	ELECTRIC- ECONFINA FIELD OFFICE

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

5120	JOHNSON'S AUTO REPAIR, INC.	07/25/2019	92.09	VEHICLE SERVICE 96277
5120	JOHNSON'S AUTO REPAIR, INC.	07/25/2019	190.92	VEHICLE REPAIR ON WMD96219
5120	JOHNSON'S AUTO REPAIR, INC.	07/25/2019	163.40	VEHICLE REPAIR WMD96370-LAB
4033	JOHNSTON TRUCKING, LLC	07/25/2019	2,200.00	PITT/WILLIFORD TRAIL REPAIR M
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/25/2019	227.24	NEW COPIER LEASES FOR REG
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/25/2019	114.45	COPIER LEASE FOR ECONFINA
5159	L & R TRACTOR INC.	07/25/2019	1,440.00	SKID STEER WITH OPERATOR
4952	LAW, REDD, CRONA & MUNROE, P.A.	07/25/2019	7,689.00	INTERNAL AUDIT
2299	LIBERTY COUNTY SOLID WASTE	07/25/2019	32.00	SOLID WASTE- FL RIVER
4873	MAIN STREET AUTOMOTIVE, INC.	07/25/2019	51.26	OPEN PURCHASE ORDER FOR ERP-CF
4803	TOP NOTCH TRUCK ACCESSORIES, INC.	07/25/2019	1,498.00	TOOLBOXES FOR WMD96274
1205	OFFICE DEPOT, INC.	07/25/2019	79.60	OFFICE SUPPLIES
5615	OFFICIAL PAYMENTS CORP	07/25/2019	716.00	ONLINE PERMITTING FEES
4971	ROBERT "MIKE" SEEDERS PLUMBING, INC.	07/25/2019	285.00	REPAIR DRAIN IN RESTROOMS AT H
4091	THE SHOE BOX	07/25/2019	44.05	REPLACEMENT UNIFORM HATS
5250	SUN LIFE FINANCIAL - VISION	07/25/2019	13.94	AMBER HAGAN VISION INSURANCE C
3568	THOMPSON TRACTOR CO., INC.	07/25/2019	6,690.68	CAT 305 MINI EX RENTAL
5520	WALKER-HILL ENVIRONMENTAL, INC.	07/25/2019	1,500.00	REMEDIATION OF NINE MILE ROAD
5520	WALKER-HILL ENVIRONMENTAL, INC.	07/25/2019	4,600.00	WELL RECOVERY AND REPAIR
4038	WINDSTREAM COMMUNICATIONS	07/25/2019	64.50	800 NUMBERS EFO LONG DISTANCE
5663	ZEHENDNER DISASTER RELIEF, LLC	07/25/2019	34,226.85	HURRICANE MICHAEL VEGETATIVE D

TOTAL CHECKS

302,579.30

4944	BRETT CYPHERS	07/26/2019	484.00	TRAVEL REIMBURSEMENT
4944	BRETT CYPHERS	07/26/2019	63.19	TRAVEL REIMBURSEMENT
5489	CARLOS HERD	07/26/2019	517.35	TRAVEL REIMBURSEMENT
3823	KENNETH ANDREW ROACH	07/26/2019	146.00	TRAVEL REIMBURSEMENT
3823	KENNETH ANDREW ROACH	07/26/2019	200.00	TRAVEL REIMBURSEMENT
5614	ZACHARY J. SELLERS	07/26/2019	761.42	JANITORIAL SERVICE - DEFUNIAK
5475	LYLE SEIGLER	07/26/2019	148.00	TRAVEL REIMBURSEMENT

TOTAL ACH TRANSFER

2,319.96

TOTAL AP

304,899.26

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

PAYROLL

JULY 2019

DIRECT DEPOSIT	7/5/2019	\$	213,023.74
CHECKS	7/5/2019		2,176.97
FLEX SPENDING TRANSFER	TF0054		1,795.99
DIRECT DEPOSIT	7/19/2019		211,373.90
CHECKS	7/19/2019		2,828.06
FLEX SPENDING TRANSFER	TF0057		1,795.99
		\$	<u><u>432,994.65</u></u>

APPROVED:

Chairman or Executive Director

September 26, 2019

Date

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett J. Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Wendy Dugan, Division of Administration Director

DATE: September 11, 2019

SUBJECT: Consideration of Acceptance of Audit Reports Presented by the District's
Inspector General

Recommendation

Staff recommends the Governing Board accept Reports #19-03, #19-04, and the annual report summarizing the Inspector General activities for FY 2018-19 as presented.

Background

The District's Inspector General, Law, Redd, Crona, & Munroe, P.A., conducted internal audits regarding procurement and regulatory permitting fee collection processes, as well as a summary of Inspector General activities for FY 2018-19. The three titles are:

1. Report on Internal Audit of the District's Procurement Process, #19-03
2. Report of Internal Audit of Regulatory Permitting Fee Collection Process, #19-04
3. Annual Report on Inspector General activities for FY 2018-19

The reports are provided to the Board as separate documents.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
PUBLIC HEARING FOR REGULATORY MATTERS
A G E N D A

District Headquarters
81 Water Management Drive
Havana, Florida 32333
10 Miles West of Tallahassee
U.S. Highway 90

Thursday
September 26, 2019
4:00 p.m., ET/ 3:00 p.m., CT

Note: Appeal from any NFWFMD Final Agency Action requires a record of the proceedings. Although Governing Board meetings are normally recorded, affected persons are advised that it may be necessary for them to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which the appeal is to be based. Persons with disabilities or handicaps who need assistance or reasonable accommodation in order to participate in these meetings should contact the District at least 72 hours in advance of these meetings to make appropriate arrangements.

PART I — CONSENT AGENDA

• WATER USE PERMITS

A. Permit Modification

A-1 Applicant: Eglin Air Force Base
App. No.: 2B-091-3005-7
Use: Institutional

Authorization Statement: The District authorizes, as limited by the conditions, the withdrawal of 0.693 million gallons per day annual average (50 million gallons per month maximum) of groundwater from the Floridan aquifer for institutional uses; and the withdrawal of 0.44 million gallons per day annual average (15.25 million gallons per month maximum) of groundwater from the Sand-and-Gravel aquifer for institutional uses.

Duration Recommended: Same as Original Permit
Staff Recommendation: Approval
Public Comment Received: No

B. Permit Renewal

B-1 Applicant: Sturgeon AquaFarms, LLC
App. No.: 2B-063-7043-5
Use: Agricultural

Authorization Statement: This Permit authorizes the Permittee to make a combined average annual withdrawal of 2.88 million gallons per day (86.4 million gallons per month maximum) of groundwater from the Floridan aquifer for agricultural use.

Duration Recommended: 20 Years
Staff Recommendation: Approval
Public Comment Received: No

WATER USE TECHNICAL STAFF REPORT

16-August-2019

Application No.: 2B-091-3005-7

Owner: Eglin Air Force Base
96th Civil Engineer Group
501 DeLeon Street, Suite 100
Eglin AFB, FL 32542-5133
(850) 882-2876

Applicant: Eglin Air Force Base
96th Civil Engineer Group
501 DeLeon Street, Suite 100
Eglin AFB, FL 32542-5133
(850) 882-2876

Agent: Not Applicable

Compliance Contact: Amy Sweeney
ASUS
608 Range Road
P.O. Box 1869
Eglin AFB, FL 32542-5133
(850) 503-2241

Project Name: 7th Special Forces and Duke Field -- Eglin Air Force Base
County: Walton; Okaloosa
WRCA: N/A
ARC: N/A
Objectors: No

The District authorizes, as limited by the attached conditions, the withdrawal of 0.693 million gallons per day annual average (50 million gallons per month maximum) of groundwater from the Floridan aquifer for institutional uses; and the withdrawal of 0.44 million gallons per day annual average (15.25 million gallons per month maximum) of groundwater from the Sand-and-Gravel aquifer for institutional uses.

Recommendation: Approval

Reviewers: Craig Freeman

RECOMMENDED PERMIT DURATION AND COMPLIANCE REPORTING:

Staff recommends the permit expiration date remain December 1, 2032. The Permittee is required to submit and comply with all information and data pursuant to the conditions set forth in the permit.

WITHDRAWAL INFORMATION:

Water Use (Floridan)	Permitted	Requested	Recommended
Average Day (GPD)	693,000	693,000	693,000
Maximum Month (GAL)	50,000,000	50,000,000	50,000,000

Water Use (Sand-and-Gravel)	Permitted	Requested	Recommended
Average Day (GPD)	440,000	440,000	440,000
Maximum Month (GAL)	15,250,000	15,250,000	15,250,000

DESCRIPTION:

Eglin Air Force Base (EAFB) requests modification of Individual Water Use Permit (IWUP) No. 2E-131-3005-7 for the construction of one additional Floridan aquifer well, and three replacement wells for existing Floridan aquifer wells. EAFB requests continued authorization of groundwater withdrawals from the Floridan and Sand-and-Gravel aquifers for institutional uses (including landscape irrigation, potable supply, and other uses) with no changes to the permitted withdrawal quantities.

EAFB is requesting the construction of an additional Floridan aquifer well to provide potable supply to a Duke Field range site previously serviced by an abandoned Sand-and-Gravel aquifer well. EAFB is also requesting three Floridan aquifer wells at Duke Field which will serve as replacements for existing wells.

Staff analyzed impacts to the Floridan and the Sand-and-Gravel aquifers associated with long-term use of the average daily allocations using the program DRAWDOWN. Drawdowns of 15 feet and 5 feet were simulated at distances of one-half mile and one mile from the centers of pumping in the Sand-and-Gravel aquifer. Drawdowns of 4.5 feet and 4 feet were simulated at distances of one-half mile and one mile from the centers of pumping in the Floridan aquifer. The drawdowns associated with these long-term uses are not anticipated to interfere with existing legal uses.

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and section 40A-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) Is a reasonable-beneficial use;
- (b) Will not interfere with any presently existing legal use of water; and,
- (c) Is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permit Applicant's Handbook. District staff have reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit.

RECOMMENDATION:

It is the determination of the staff that the water use amounts recommended, as conditioned, are reasonable-beneficial, consistent with the public's interest, and will not interfere with existing legal users. This determination has been made according to provisions of Chapter 373, F.S., and Chapter 40A-2, F.A.C.

Staff recommends that the applicant be granted an Individual Water Use Permit for an annual average daily withdrawal of 0.693 million gallons per day annual average (50 million gallons per month maximum) of groundwater from the Floridan aquifer for institutional uses; and an annual average daily withdrawal of 0.44 million gallons per day annual average (15.25 million gallons per month maximum) of groundwater from the Sand-and-Gravel aquifer for institutional uses. Staff also recommends that the expiration date of the permit remain December 1, 2032 and that the permit be conditioned as per the "Conditions for Issuance" included in Exhibit A of the permit document.

WELL INFORMATION:

Site Name: Eglin Air Force Base Duke Field and 7th Special Forces

Well Details								
District ID	Station Name	Casing Diameter (inches)	Casing Depth (feet)	Total Depth (feet)	Capacity (GPM)	Source Name	Status	Use Type
15640	SF-4490i	4	90	140	55	Sand & Gravel	Active	Institutional Use
15641	SF-4525i	4	100	150	55	Sand & Gravel	Active	Institutional Use
15642	SF-4595i	4	100	150	55	Sand & Gravel	Active	Institutional Use
15643	SF-4545i	4	100	150	55	Sand & Gravel	Active	Institutional Use
16004	ER-3005i	6	95	115	85	Sand & Gravel	Active	Institutional Use
16005	WR-106	6	477	600	35	Floridan Aquifer (Undiff)	To be abandoned	Institutional Use
16006	WR-26	10	510	795	250	Floridan Aquifer (Undiff)	To be abandoned	Institutional Use
16007	WR-27	10	456	600	210	Floridan Aquifer (Undiff)	To be abandoned	Institutional Use
16008	SF-01	16	540	800	500	Floridan Aquifer (Undiff)	Active	Institutional Use

Well Details								
District ID	Station Name	Casing Diameter (inches)	Casing Depth (feet)	Total Depth (feet)	Capacity (GPM)	Source Name	Status	Use Type
16009	SF-02	16	600	800	500	Floridan Aquifer (Undiff)	Active	Institutional Use
16010	SF-4435i	4	110	150	60	Sand & Gravel	Active	Institutional Use
16011	SF-4570i	4	120	165	60	Sand & Gravel	Active	Institutional Use
16012	SF-4303i	4	110	150	60	Sand & Gravel	Active	Institutional Use
16013	SF-4340_1	8	160	170	60	Sand & Gravel	Active	Institutional Use
16314	ER-3017i	4	160	160	50	Sand & Gravel	Active	Institutional Use
16315	ER-3077i	4	100	100	50	Sand & Gravel	Active	Institutional Use
16316	ER-3078i	4	80	80	50	Sand & Gravel	Active	Institutional Use
16317	ER-3094i	4	100	100	50	Sand & Gravel	Active	Institutional Use
16318	ER-3097i	4	100	100	50	Sand & Gravel	Active	Institutional Use
16319	ER-3114i	4	100	100	50	Sand & Gravel	Active	Institutional Use
16320	ER-3117i	4	80	80	50	Sand & Gravel	Active	Institutional Use
16321	ER-3120i	4	60	60	50	Sand & Gravel	Active	Institutional Use
16322	ER-3130i	4	80	80	50	Sand & Gravel	Active	Institutional Use
16323	ER-3201i	4	100	125	70	Sand & Gravel	Active	Institutional Use
17219	SF-4475i	4	85	145	100	Sand & Gravel	Active	Institutional Use
286238	WR-49-2	4	360	525	10	Floridan Aquifer (Undiff)	Proposed	Institutional Use
286735	WR-26R	10	510	795	250	Floridan Aquifer (Undiff)	Proposed	Institutional Use
286736	WR-27R	10	456	600	250	Floridan Aquifer (Undiff)	Proposed	Institutional Use

Well Details								
District ID	Station Name	Casing Diameter (inches)	Casing Depth (feet)	Total Depth (feet)	Capacity (GPM)	Source Name	Status	Use Type
286737	WR-106R	6	477	600	45	Floridan Aquifer (Undiff)	Proposed	Institutional Use

"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2B-091-3005-7
7th Special Forces and Duke Field - Eglin Air Force Base

Specific Conditions

1. This permit shall expire on December 1, 2032.
2. This Permit authorizes the Permittee to make an average annual withdrawal of 0.693 million gallons per day (50 million gallons per month maximum) of groundwater from the Floridan for institutional use (potable supply and sanitary uses) and 0.44 million gallons per day (15.25 million gallons per month maximum) of groundwater from the Sand-and-Gravel aquifer for institutional use (landscape irrigation and other uses). The individual facilities authorized to make this withdrawal are shown in the table below in the following condition. The total amounts of water withdrawn by all facilities listed shall not exceed the amounts identified above.

3.

Facility ID #	FLUWID	Location SEC,TWN,RNG	Site
SF-4490i	AAN7294	Sec.25, T2N, R24W	7th Special Forces
SF-4525i	AAN7292	Sec.24, T2N, R24W	7th Special Forces
SF-4595i	AAN7293	Sec.25, T2N, R24W	7th Special Forces
SF-4545i	AAN7295	Sec.25, T2N, R24W	7th Special Forces
ER-3005i	AAA4739	Sec.27, T2N, R24W	Duke Field
WR-106	AAA8818	Sec.26, T2N, R23W	Duke Field
WR-26	AAA8819	Sec.27, T2N, R23W	Duke Field
WR-27	AAA0408	Sec.27, T2N, R23W	7th Special Forces
SF-01	AAA9979	Sec.26, T2N, R24W	7th Special Forces
SF-02	AAA9981	Sec.24, T2N, R24W	7th Special Forces
SF-4435i	AAN5956	Sec.23, T2N, R24W	7th Special Forces
SF-4570i	AAM6261	Sec.25, T2N, R24W	7th Special Forces
SF-4303i	AAM6260	Sec.26, T2N, R24W	7th Special Forces
SF-4340_1	AAN0976	Sec.23, T2N, R24W	7th Special Forces
ER-3017i	---	Sec.22, T1S, R23W	Duke Field
ER-3077i	---	Sec.27, T2N, R23W	Duke Field
ER-3078i	---	Sec.27, T2N, R23W	Duke Field
ER-3094i	---	Sec.22, T2N, R23W	Duke Field
ER-3097i	---	Sec.22, T2N, R23W	Duke Field
ER-3114i	---	Sec.27, T2N, R23W	Duke Field
ER-3117i	---	Sec.27, T2N, R23W	Duke Field
ER-3120i	---	Sec.27, T2N, R23W	Duke Field

ER-3130i	---	Sec.22, T2N, R23W	Duke Field
ER-3201i	---	Sec.22, T2N, R23W	Duke Field
SF-4475i	AAF8278	Sec.26, T2N, R24W	7th Special Forces
WR-49-2	---	Sec.28, T2N, R23W	Duke Field
WR-26R	---	Sec.27, T2N, R23W	Duke Field
WR-27R	---	Sec.27, T2N, R23W	Duke Field
WR-106R	---	Sec.26, T2N, R23W	Duke Field

4. Groundwater withdrawals from Sand-and-Gravel aquifer wells located at the 7th Special Forces area, designated by the table in Condition 3 above, shall not exceed an annual average daily withdrawal of 400,000 gallons or a maximum monthly withdrawal of 12,400,000 gallons.
5. The Permittee shall include the Individual Water Use Permit number and the well's Florida Unique Identification Number (e.g. AAN7294 for SF-4490i) when submitting reports or otherwise corresponding with the District.
6. The Permittee, by January 31 of each year, shall submit a water use report for the previous calendar year (January – December), even if no water is used. The Permittee shall record the data required on Water Use/Pumpage Report Form (Form 166) for Landscape Irrigation and other uses. The Permittee shall record the data required on Water Use Summary Reporting Form (Form 172) for potable supply uses. The Permittee, if preferred, may submit the report electronically by downloading the correct form from the District website, filling it out properly, and e-mailing it to compliance@nwfwater.com.
7. The Permittee shall install and maintain in-line, totalizing flow meters on all Floridan aquifer production wells. The meters shall be maintained to be at least 95% accurate and any meter determined defective must be replaced within 30 days of its discovery. The Permittee, within 30 days of well completion or completion of project construction, shall provide documentation to the District that the required flow meters have been installed and report the initial meter readings.
8. The Permittee shall annually evaluate the efficiency of each of its irrigation units and undertake necessary maintenance, repairs and upgrades to provide for the proper efficiency of its equipment. The Permittee shall maintain the irrigation system to prevent wasteful runoff from the property associated with irrigation.
9. The Permittee shall equip the well and irrigation system with an anti-siphoning device if chemicals are to be applied through the irrigation system, as required by section 487.064, F.S.
10. The Permittee shall use "Florida-friendly" landscape techniques, as described in section 373.185, F.S., when designing or modifying the landscape of the irrigated sites.
11. The Permittee shall maintain rain sensing devices which will override any automatic irrigation system when adequate rainfall occurs, and shall operate its irrigation system to prevent wasteful runoff.

12. The Permittee shall enhance irrigation efficiency by restricting irrigation activity during the higher evapotranspiration period of 10:00 a.m. to 4:00 p.m.
13. The Permittee shall encourage and provide for the efficient and non-wasteful use of water, and shall implement water conservation measures, including a proactive leak detection program, designed to enhance water use efficiency and reduce water demand and water losses.
14. The Permittee shall maximize the use of reclaimed water if it is available and its use is environmentally, economically and technically feasible.

Standard Conditions

15. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to sections 373.136 or 373.243, F.S., unless a permit modification has been obtained to address the noncompliance.
16. The Permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
17. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
18. The Permittee shall notify the District in writing within 45 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and/or related facilities from which the permitted water use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system/project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of section 40A-2.351, F.A.C. Alternatively, the Permittee may surrender the water use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
19. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to Chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.
20. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
21. The Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that section 373.239, F.S., and section 40A-2.331, F.A.C., are applicable to permit modifications.

22. The District reserves the right to curtail permitted withdrawal and diversion rates if the withdrawal or diversion causes harm to legal uses of water, offsite land use, or water resources and associated environmental features that existed at the time of permit application.
23. The Permittee shall not cause harmful saltwater intrusion. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause harmful saline water intrusion.
24. The Permittee's consumptive use of water as authorized by this permit shall not reduce a flow or level below any minimum flow or level established by the District or the Department of Environmental Protection pursuant to sections 373.042 and 373.0421, F.S. If the Permittee's use of water causes or contributes to such a reduction, then the District shall modify or revoke the permit, in whole or in part, unless the Permittee implements all provisions applicable to the Permittee's use in a District-approved recovery or prevention strategy.
25. The Permittee shall mitigate any harm caused by withdrawals or diversions permitted herein on legal water uses, offsite land use, and water resources and associated environmental features which existed at the time of permit application. Mitigation may include modification of the Permittee's pumping schedule (i.e., duration, withdrawal rates, time of day, etc.), the lowering of the affected pump(s) or the replacement of the well(s) including proper plugging and abandonment of the well(s) that is replaced. The Permittee, upon receipt of an allegation of interference, shall retain the services of an appropriate licensed professional to investigate the alleged interference. The Permittee shall ensure their chosen professional investigates any alleged interference within 48 hours of the allegation being made and provides the conclusions of the investigation to the entity alleging the impact within 72 hours of the allegation being made. If it is determined that the use of a well has been impaired as a result of the Permittee's operation, the Permittee shall complete the required mitigation within 30 days. The Permittee shall be responsible for the payment of services rendered by the licensed professional. The Permittee, within 30 days of any allegation of interference, shall submit a report to the District including the date of the allegation, the name and contact information of the party making the allegation, the result of the investigation made, and any mitigation action undertaken.

WATER USE TECHNICAL STAFF REPORT

22-August-2019

Application No.: 2B-063-7043-5

Owner: Bascom Farms, LLC
1000 NW 159th Drive
Miami, FL 33169

Applicant: Mark Zaslavsky
Sturgeon AquaFarms, LLC
6298 Tower Road
Bascom, FL 32423
(305) 758-9288

Agent: William G. Rollins
Jim Stidham & Associates, Inc.
547 North Monroe Street
Tallahassee, FL 32301
(850) 222-3975

**Compliance
Contact:** Mark Zaslavsky
Sturgeon Aquafarms, LLC
6298 Tower Road
Bascom, FL 32423-9334
(305) 758-9288

Project Name: Sturgeon AquaFarms, LLC

County: Jackson

WRCA: N/A

ARC: N/A

Objectors: No

This Permit authorizes the Permittee to make a combined average annual withdrawal of 2.88 million gallons per day (86.4 million gallons per month maximum) of groundwater from the Floridan aquifer for agricultural use.

Recommendation: Approval

Reviewers: Craig Freeman; Lindsay Furr

RECOMMENDED PERMIT DURATION AND COMPLIANCE REPORTING:

Staff recommends the permit expiration date be October 1, 2039. The Permittee is required to submit and comply with all information and data pursuant to the conditions set forth in the permit.

WITHDRAWAL INFORMATION:

Water Use	Permitted	Requested	Recommended
Average Day (GPD)	2,880,000	2,880,000	2,880,000
Maximum Month (GAL)	86,400,000	86,400,000	86,400,000

DESCRIPTION:

Sturgeon AquaFarms, LLC (Sturgeon) requests renewal of Individual Water Use Permit (IWUP) No. 2B-063-7043-4 for the continued authorization of groundwater withdrawals from the Floridan aquifer for aquaculture uses without changes to the currently permitted withdrawal amounts.

Sturgeon farms a variety of sturgeon (including Beluga, Sevruga and Sterlet sturgeon) for stock enhancement, meat, and caviar production. Groundwater is withdrawn from the Floridan aquifer and used to regulate temperature and water quality in the indoor hatchery and production tanks, and the outdoor ponds. The quantities of water needed to operate the system are provided through recycling water that has been sent through the farm's extensive treatment facilities. A pond/conveyance system is designed to allow for infiltration of highly treated water via an emergent planted marsh area. A portion of the water not lost to evaporation then recharges the aquifer.

Staff analyzed withdrawal impacts to the Floridan Aquifer using the analytical mode DRAWDOWN. Based on the actual average withdrawals over a 5 year period, the predicted drawdown at a monitoring well (MO #3) located along the project's western property boundary and approximately 690 feet from the center of pumping is approximately 15 feet. However, regression analysis performed by District staff on water level data from monitor well MO #3 indicates that water levels have declined by approximately 10 feet over a similar pumping period. This data indicates that drawdowns are likely over estimated as they do not account for the water returned to the aquifer via infiltration through the marsh area.

Additionally staff analyzed impacts to the Floridan aquifer associated with the withdrawal of the requested average daily amount over a 20 year period. Accounting for infiltration and pumping, drawdowns of approximately 11 feet and 10 feet were simulated at distances of one-half and one mile, respectively, from the center of pumping. While these drawdowns are not insignificant, a majority of the simulated drawdown has already occurred, as Sturgeon is a long-term, continuous use. After a review of drawdown impacts and available hydrologic data, staff conclude that Sturgeon's requested withdrawals are not anticipated to interfere with existing legal uses.

The permit is conditioned to require Sturgeon to continue its hydrologic monitoring program, including water level and water quality sampling in production and monitor wells. Additionally, the applicant will be required to mitigate any interference caused by groundwater withdrawals to legal water uses, offsite land uses, water resources and associated environmental features through the recommended permit duration.

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and section 40A-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) Is a reasonable-beneficial use;
- (b) Will not interfere with any presently existing legal use of water; and,
- (c) Is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permit Applicant's Handbook. District staff have reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit.

RECOMMENDATION:

It is the determination of the staff that the water use amounts recommended, as conditioned, are reasonable-beneficial, consistent with the public's interest, and will not interfere with existing legal users. This determination has been made according to provisions of Chapter 373, F.S., and Chapter 40A-2, F.A.C.

Staff recommends that the applicant be granted an Individual Water Use Permit for an annual average daily withdrawal of 2.88 million gallons; and a maximum monthly withdrawal of 86.4 million gallons. Staff also recommends that the expiration date of the permit be October 1, 2039, and that the permit be conditioned as per the "Conditions for Issuance" included in Exhibit A of the permit document.

WELL INFORMATION:

Site Name: Sturgeon AquaFarms, LLC

Wells Detail								
District ID	Station Name	Casing Diameter (inches)	Casing Depth (feet)	Total Depth (feet)	Capacity (GPM)	Source Name	Status	Use Type
16966	SA #2	12	120	180	1000	Floridan Aquifer (Undiff)	To be capped or abandoned	Agricultural
16967	SA #3	8	120	155	600	Floridan Aquifer (Undiff)	Active	Agricultural
16968	SA #4	10	118	170	800	Floridan Aquifer (Undiff)	Active	Agricultural
17228	SA #1R	12	75	120	1000	Floridan Aquifer (Undiff)	Active	Agricultural
19609	SA #2R	12	85	120	1000	Floridan Aquifer (Undiff)	Active	Agricultural

Monitoring Well Details						
District ID	Station Name	Casing Diameter (inches)	Casing Depth (feet)	Total Depth (feet)	Source Name	Status
16963	MO #1	4	63	75	Floridan Aquifer (Undiff)	Active
16964	MO #2	2	10	30	Floridan Aquifer (Undiff)	Active
16972	MO #3	4	70	125	Floridan Aquifer (Undiff)	Active

"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 2B-063-7043-5
Sturgeon AquaFarms, LLC

1. This permit shall expire on October 1, 2039.
2. This Permit authorizes the Permittee to make a combined average annual withdrawal of 2.88 million gallons per day (86.4 million gallons per month maximum) of groundwater from the Floridan aquifer for agricultural use. The individual facilities authorized to make this combined withdrawal are shown in the table below in the following condition. The total combined amounts of water withdrawn by all facilities listed shall not exceed the amounts identified above.

3. Individual Withdrawal Facility Authorization

Facility ID#	FLUWID	Location SEC,TWN,RNG
SA #1R	AAA8828	Sec.18,T06N,R08W
SA #3	AAN5863	Sec.18,T06N,R08W
SA #4	AAP1119	Sec.18,T06N,R08W
SA #2R	To be assigned	Sec.18,T06N,R08W

4. The Permittee shall include the Individual Water Use Permit number and the well's Florida Unique Identification Number (e.g. AAA8828 for SA #1R) when submitting reports or otherwise corresponding with the District.
5. The Permittee, by January 31 of each year, shall submit a water use report for the previous calendar year (January – December), even if no water is used. The Permittee shall record the data required on Water Use Summary Reporting Form (Form 172). The Permittee, if preferred, may submit the report electronically by downloading the correct form from the District website, filling it out properly, and e-mailing it to compliance@nwfwater.com.
6. The Permittee, by November 1, 2019, shall have a licensed water well contractor repair leaks on wells SA #1R (AAA8828), SA #2R (FLUWID to be assigned), and SA #4 (AAP1119) and install and maintain watertight seals in accordance with Chapter 40A-3, F.A.C. The Permittee shall report leak repair completion and may do so by emailing compliance@nwfwater.com.
7. The Permittee, by November 1, 2019, shall have a licensed water well contractor remove the drop pipe and cap and seal well SA #2 (AAA8829) with a watertight cap, or obtain a permit and properly plug and abandon well SA #2 (AAA8829) in accordance with section 40A-3.531, F.A.C. The Permittee shall report completion and may do so by emailing compliance@nwfwater.com.
8. By October 1, 2022, the Permittee shall relocate the in-line, totalizing flow meter on production well SA #1R (AAA8828) to the well head. The Permittee shall maintain in-line, totalizing flow meters on all production wells [SA #1R (AAA8828), SA #2R (To be assigned), SA #3 (AAN5863), and SA #4 (AAP1119)]. The meters shall be maintained to be at least 95% accurate and any meter determined defective must be replaced within 30 days of its discovery. The Permittee, within 30 days of well completion or completion of project construction, shall provide documentation to the District that the required flow meters have been installed and report the initial meter readings.

9. The Permittee, by October 31, in years 2024, 2029, 2034 and at the time of requesting a permit modification or renewal, shall submit documentation of the flow meter calibration and accuracy rating to the District using the Flow Meter Accuracy Report Form (Form 170). The Permittee, if preferred, may submit the report electronically by downloading the correct form from the District website, filling it out properly, and e-mailing it to compliance@nwfwater.com.
10. The Permittee, by the end of each month, shall provide to the District, in a single electronic submittal:
 - a. Continuous water level readings for Floridan wells MO #1 (AAN5811), MO #2 (AAN5812), and MO #3 (AAP1104) for the previous month (i.e. January water levels are submitted by February 28). At a minimum, the recorder will be programmed to collect measurements at 15 minute intervals. Water level measurements shall be reported to the nearest 0.01 foot precision and reported as depth-to-water below a pre-defined measuring point. If the measuring point elevation is different from land surface, the Permittee shall provide the difference between these two elevations. The Permittee shall maintain and calibrate the recorder according to manufacturer recommendations. The readings shall be submitted electronically in Comma Separated Value (CSV) or ASCII delimited text file format.
 - b. Manual water level measurements for wells MO #1 (AAN5811), MO #2 (AAN5812), and MO #3 (AAP1104) for the previous month (i.e. January manual water levels are submitted by February 28). The Permittee shall manually measure groundwater levels each month coincident with each recorder download to verify the accuracy of the continuous recorder. The Permittee shall perform the manual water level measurements with a tape, graduated in 0.01-foot increments. The Permittee shall report the reading as depth-to-water below a pre-defined measuring point to 0.01-foot precision. If the measuring point elevation is different from land surface, the Permittee shall provide the difference between these two elevations. The Permittee shall include, at a minimum, the date and time the measurement was taken, the difference in height between the measuring point and land surface, and the water level measurement.

The Permittee shall submit the report electronically via digital media or, if preferred, by e-mailing the data files to compliance@nwfwater.com.

11. The Permittee shall collect water quality samples for laboratory analyses from SA #2R (FLUWID to be assigned) within the first two weeks of January and July in each year. Prior to sampling, the Permittee shall purge a minimum of three well volumes and report, with each set of test results: the duration of purging, purge volume, and purge rates used. All sampling and analysis methodologies used shall conform to standards established in Chapter 62-160, F.A.C., Quality Assurance. Furthermore, all water quality analysis shall be conducted by a laboratory with National Environmental Laboratory Accreditation Program (NELAP) and Florida Department of Health Rule 64E-1, F.A.C. certification for the constituents of concern. The water quality analyses shall include the following constituents: nitrate-nitrite, ammonia, total Kjeldahl nitrogen, total phosphorus, orthophosphorus, and total suspended solids. The Permittee shall submit results from tests conducted in January and July to the District by February 28 and August 31 each year, respectively. At the time of modification or renewal, the Permittee shall submit a summary and analysis of the water quality data collected for the wells for the entire period of record.
12. The Permittee shall encourage and provide for the efficient and non-wasteful use of water, and shall implement a proactive leak detection and repair program designed to enhance water use efficiency and reduce water demand and water losses.

13. The Permittee shall equip the well and distribution or irrigation system with an anti-siphoning device if chemicals are to be applied through the distribution or irrigation system, as required by section 487.064, F.S.
14. The Permittee, prior to the construction, alteration and/or enhancement of any surface water withdrawal, diversion, or management system, shall contact the District to determine if a permit will be required. A permit would be required by the District for activities including creek sandbagging, sump excavation, and any maintenance beyond that considered routine or custodial.
15. The Permittee shall maximize the use of reclaimed water if it is available and its use is environmentally, economically and technically feasible.
16. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to sections 373.136 or 373.243, F.S., unless a permit modification has been obtained to address the noncompliance.
17. The Permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
18. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
19. The Permittee shall notify the District in writing within 45 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and/or related facilities from which the permitted water use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system/project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of section 40A-2.351, F.A.C. Alternatively, the Permittee may surrender the water use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
20. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to Chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.
21. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
22. The Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that section 373.239, F.S., and section 40A-2.331, F.A.C., are applicable to permit modifications.
23. The District reserves the right to curtail permitted withdrawal and diversion rates if the withdrawal or diversion causes harm to legal uses of water, offsite land use, or water resources and associated environmental features that existed at the time of permit application.

24. The Permittee shall not cause harmful saltwater intrusion. The District reserves the right to curtail permitted withdrawal rates if withdrawals cause harmful saline water intrusion.
25. The Permittee's consumptive use of water as authorized by this permit shall not reduce a flow or level below any minimum flow or level established by the District or the Department of Environmental Protection pursuant to sections 373.042 and 373.0421, F.S. If the Permittee's use of water causes or contributes to such a reduction, then the District shall modify or revoke the permit, in whole or in part, unless the Permittee implements all provisions applicable to the Permittee's use in a District-approved recovery or prevention strategy.
26. The Permittee shall mitigate any harm caused by withdrawals or diversions permitted herein on legal water uses, offsite land use, and water resources and associated environmental features which existed at the time of permit application. Mitigation may include modification of the Permittee's pumping schedule (i.e., duration, withdrawal rates, time of day, etc.), the lowering of the affected pump(s) or the replacement of the well(s) including proper plugging and abandonment of the well(s) that is replaced. The Permittee, upon receipt of an allegation of interference, shall retain the services of an appropriate licensed professional to investigate the alleged interference. The Permittee shall ensure their chosen professional investigates any alleged interference within 48 hours of the allegation being made and provides the conclusions of the investigation to the entity alleging the impact within 72 hours of the allegation being made. If it is determined that the use of a well has been impaired as a result of the Permittee's operation, the Permittee shall complete the required mitigation within 30 days. The Permittee shall be responsible for the payment of services rendered by the licensed professional. The Permittee, within 30 days of any allegation of interference, shall submit a report to the District including the date of the allegation, the name and contact information of the party making the allegation, the result of the investigation made, and any mitigation action undertaken.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Memorandum

TO: Governing Board

FROM: Division of Regulatory Services

DATE: August 29, 2019

SUBJECT: Consideration of Interagency Agreement with Suwannee River Water Management District, Simpson Nursery Project, Jefferson County

Program:

Water Use Permitting (WUP) Program, Rule 40A-2, Florida Administrative Code (F.A.C.), Regulation of Consumptive Uses of Water, and Water Well Program, Rule 40A-3, F.A.C., Regulation of Water Wells.

Issue:

Designation of the Suwannee River Water Management District (SRWMD) as the agency with all regulatory responsibilities under Part II (Permitting of Consumptive Uses of Water) and Part III (Regulation of Wells) of Chapter 373, Florida Statutes (F.S.), for the withdrawal and use of water for the Simpson Nursery Project. The project is located within the jurisdictional boundaries of both the Northwest Florida Water Management District (NFWFMD) and the Suwannee River Water Management District (SRWMD).

Discussion:

The Simpson Nursery Project has asked for the current Interagency Agreement between the NFWFMD and SRWMD issued in June of 2014 to include regulatory responsibilities under Part III of Chapter 373, F.S. The majority of the water use for the project is located within the jurisdictional boundaries of the SRWMD. The proposed interagency agreement will provide the NFWFMD with the opportunity to provide comments and information requests regarding the project. Additionally, the proposed agreement will ensure efficient communications between the SRWMD and the NFWFMD regarding all aspects of the Simpson Nursery Project.

Recommendation:

Staff recommends the Governing Board approve the Interagency Agreement with the SRWMD regarding the Simpson Nursery Project in Jefferson County.

INTERAGENCY AGREEMENT
BETWEEN THE
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
AND THE
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
DESIGNATING ONE OF THE DISTRICTS TO IMPLEMENT
CERTAIN REGULATORY RESPONSIBILITIES
FOR A CERTAIN PROJECT IN A CERTAIN AREA

THIS INTERAGENCY AGREEMENT is made and entered into this _____ day of _____, 20____, by and between the SUWANNEE RIVER WATER MANAGEMENT DISTRICT (the "SRWMD") and the NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (the "NFWFMD") (both the SRWMD and the NFWFMD may be referred to herein collectively as the "Districts").

WITNESSETH:

WHEREAS, the Districts are both Florida water management districts under Chapter 373, Florida Statutes; and,

WHEREAS, there exists a certain geographic area more particularly described as follows:

Parcel No. 01-1N-4E-0000-0102-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0100-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0060-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0061-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0050-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0042-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0040-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0041-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0000-0010-0000	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0091	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0092	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0450	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0451	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0470	Jefferson County, Florida
Parcel No. 01-1N-4E-0080-0000-0090	Jefferson County, Florida
Parcel No. 12-1N-4E-0000-0012-0000	Jefferson County, Florida

(the "Area") which is located within the boundaries of the Northwest Florida Water Management District; and,

WHEREAS, there is a certain project known as the SIMPSON NURSERY (the "Project") located within SRWMD and the Area; and,

WHEREAS, Section 373.046(6), Florida Statutes provides that when the geographic area of a project or local government crosses water management district boundaries, the affected districts may designate a single affected district by interagency agreement to

implement in that area, under the rules of the designated district, all or part of the applicable regulatory responsibilities under Chapter 373, Florida Statutes, and,

WHEREAS, the Districts agree that the designation of one of them as the water management district with certain regulatory responsibilities for the Project and the Area would allow for more efficient discharge of such responsibilities; and,

WHEREAS, the Districts wish to enter into this interagency agreement (this "Agreement"), to designate one of them to exercise such regulatory responsibilities for the Project and the Area on the terms and conditions set out herein.

NOW THEREFORE, the Districts hereby agree as follows:

1. The above recitals are true and correct and incorporated herein by reference.
2. Pursuant to Section 373.046(6), Florida Statutes, during the term of this Agreement, the SRWMD (the "Designated District") shall, under the rules of the Designated District, implement and exercise all the regulatory responsibilities under the following parts of Chapter 373, Florida Statutes:

Part II and Part III of Chapter 373, Florida Statutes, for the water well construction, abandonment, and repair, and withdrawal and use of water. Such regulatory responsibilities shall include, without limitation, receiving, processing, and taking final action on all water well and water use permit applications, or modifications or renewals thereof, and taking any compliance and enforcement action with regard to those permits.

for the Project and the Area.

3. The Districts agree to share all communications including pre-application and post-application meetings, emails, and written correspondence.
4. The Designated District agrees to incorporate the other District's comments and information requests in any Section 120.60, Florida Statutes information requests for the Project.
5. The Designated District agrees to consider incorporating all proposed special conditions requested by the other District into proposed permits as proposed agency action and to consider including all proposed special permit conditions into the permit that become final agency action.
6. The Districts agree to work together during the permitting process to resolve any potential harm to water resources, including established minimum flows and levels, in both Districts.
7. This Agreement will commence upon execution by both Districts. This Agreement shall remain in effect until terminated by either District. Either District may unilaterally terminate this Agreement for any or no reason after giving ninety (90) days written notice of the intent to do so to the other District.

8. The termination of this Agreement shall not have the effect of terminating any permits properly issued by the Designated District pursuant to this Agreement. Further, after the termination of this Agreement, the Designated District shall retain the authority to enforce or modify any permit properly issued by the Designated District pursuant to this Agreement, except that the Designated District shall not have the ability to renew such permit or extend the duration of such permit beyond the expiration date of such permit which was in effect at the time of termination.

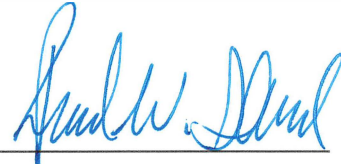
8. This Agreement supersedes and replaces that certain INTERAGENCY AGREEMENT BETWEEN THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT AND THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT FOR THE DESIGNATION OF REGULATORY RESPONSIBILITY OF THE SIMPSON NURSERY PROJECT FOR CONSUMPTIVE USE PERMITTING executed and dated by the NFWFMD on June 12, 2014 and by the SRWMD on July 8, 2014.

APPROVED by the governing board of the SUWANNEE RIVER WATER MANAGEMENT DISTRICT this 13 day of August, 2019.

GOVERNING BOARD OF THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT

By: 

Chair

ATTEST: 

Secretary

APPROVED by the governing board of the NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT this _____ day of _____, 20____.

GOVERNING BOARD OF THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

By: _____

Chair

ATTEST: _____

Secretary

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Lyle Seigler, Director of Regulatory Services

DATE: September 9, 2019

SUBJECT: Request for Authorization to Undergo Rule Development on
Chapter 40A-3, F.A.C.

Recommendation

Staff recommends the Governing Board approve initiation of rule development on section 40A-3.451 within Chapter 40A-3, Florida Administrative Code (F.A.C.), Regulation of Wells, during the next twelve (12) months and approve including the following proposed rulemaking item in the 2019-2020 Annual Regulatory Plan pursuant to section 120.74, Florida Statutes (F.S.).

Background

In addition to the District's review of its rules, the Joint Administrative Procedures Committee (JAPC) maintains a continuous review of administrative rules. In 2019, JAPC reviewed Chapter 40A-3, F.A.C., Regulation of Wells. The District received JAPC's findings via letter dated August 30, 2019, after the 2019 request for initiation of rule development went before the Board.

In addition to the initiation of rule development for 40A-3.037, 40A-3.041, and 40A-7, F.A.C., already approved by this Board at the August 22, 2019, Governing Board Meeting, the District is also requesting authorization to undergo rule development on section 40A-3.451, F.A.C., in order to address the August 30, 2019 JAPC comments. The rulemaking identified below is intended to ensure compliance with statute.

<u>Rule</u>	<u>Rulemaking Justification</u>
40A-3.451	Revise rule to comply with section 120.52(8)(d), Florida Statutes.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett J. Cyphers, Executive Director
J. Breck Brannen, Legal Counsel

FROM: Lyle Seigler, Director, Regulatory Services

DATE: September 10, 2019

SUBJECT: Annual Regulatory Plan – Informational Item

Chapter 120.74, F.S., requires a list of planned rulemaking to be implemented prior to July 1, a list of new statutes that were amended or created over the previous twelve (12) months that modify the District's duties or authority, and whether these statutes require rulemaking. The law also requires certification on behalf of the agency from the agency head and legal counsel that they have reviewed the plan and confirm that the agency's rules were reviewed to determine if the agency's rules remain consistent with the agency's rulemaking authority and laws implemented. Chapter 120.74, F.S., also requires the Annual Regulatory Plan (ARP) be submitted electronically to the Joint Administrative Procedures Committee, maintained at an active website for ten (10) years after the date of initial publication on the agency's website homepage or another state website, and publish in the Florida Administrative Registrar (FAR) a notice identifying the date of publication of the ARP along with a hyperlink to the plan.

As required by Chapter 120.74, F.S., the District has reviewed its rules to ensure compliance with statutory requirements. The ARP lists the laws which were enacted or amended during the previous twelve (12) months which create or modify the duties or authority of the District. These laws do not require the agency to adopt new or amend current administrative rules for proper implementation. Once certified, the ARP will be posted on the District website homepage and maintained for ten (10) years, and a notice will be posted in the FAR identifying the date of publication of the ARP on the District's website.



Brett J. Cyphers
Executive Director

Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)

Phone: (850) 539-5999 • Fax: (850) 539-2777

September 10, 2019

Joint Administrative Procedures Committee
680 Pepper Building
111 W. Madison Street
Tallahassee, FL 32399-1400

RE: Compliance with Chapter 120.74, F.S., Annual Regulatory Plan

To Whom It May Concern:

As required by Section 120.74, F.S., the Northwest Florida Water Management District (District) has reviewed its rules to ensure compliance with statutory requirements. The following laws were enacted or amended during the previous twelve (12) months which create or modify the duties or authority of the agency. The following laws do not require the agency to adopt new or amend current administrative rules for proper implementation. Each of the laws identified below is being implemented by complying with the statutory requirements therein.

2019-3	Florida Statutes
2019-8	State-Administered Retirement Systems
2019-12	Public Records/Agency Personnel Information
2019-15	Government Accountability
2019-43	Transportation
2019-85	Right of Entry
2019-97	Financial Disclosure
2019-115	General Appropriations Act
2019-116	Implementing the 2019-2020 General Appropriations Act
2019-118	Information Technology Reorganization
2019-151	Attorney's Fees and Costs
2019-167	Administration of Justice

The agency expects to implement by rulemaking changes to Chapters 40A-3 and 40A-7, F.A.C., before July 1, 2020, as indicated below.

<u>Rule</u>	<u>Rulemaking Justification</u>
40A-3.037	Amend rule to update incorporated material for consistency with FDEP Chapter 62-531, F.A.C.
40A-3.041	Amend rule to include multi-well permits for monitoring wells and non-exempt site investigation wells for consistency with other Water Management Districts.
40A-3.451	Revise rule to comply with section 120.52(8)(d), Florida Statutes.
40A-7	Create Rule Chapter for contractor suspension procedures and policy to comply with section 373.610, F.S.

As required, the Annual Regulatory Plan will be available on our website homepage www.nwfwater.com for ten (10) years after publishing. By October 1, the District will publish in the Florida Administrative Registrar a notice identifying the date of publication of the Annual Regulatory Plan along with a hyperlink to the plan.

I hereby certify that I have reviewed the plan. The District reviews its rules regularly with 2019 being the most recent period which all rules have been reviewed.

Brett J. Cyphers
Executive Director

J. Breck Brannen
Legal Counsel

MEMORANDUM

TO: Northwest Florida Water Management District Governing Board

FROM: J. Breck Brannen, General Counsel

RE: Legal Counsel Report

DATE: September 16, 2019

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

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Guy Gowens, Chief of Staff

FROM: Wendy Dugan, Division of Administration Director

DATE: September 26, 2019

SUBJECTS: Adoption of the Millage Rate and Budget for Fiscal Year 2019-2020

Recommendation

Staff recommends the Governing Board approve the ad valorem tax millage rate of .0327 of a mill for Fiscal Year 2019-2020 by adoption of Resolution Number 857.

Background

During the first public hearing held at Gulf Coast State College in Panama City on September 12, 2019, the Governing Board adopted the Northwest Florida Water Management District's tentative ad valorem tax millage rate of .0327 of a mill and the Tentative Budget for Fiscal Year (FY) 2019-2020, and authorized staff to present the ad valorem millage rate and budget for final adoption by resolution on September 26, 2019, at the final public hearing at District Headquarters in Midway.

Using the 2019 gross taxable value for operating purposes of \$112,788,108,192 and the proposed .0327 of a mill, which is the rolled-back rate, the Truth-In-Millage (TRIM) estimated total taxes to be levied in FY 2019-2020 is \$3,688,171. Compared to the FY 2018-19 TRIM estimate of \$3,613,191, there is a \$74,980 or 2.1 percent increase in estimated tax revenues for the upcoming fiscal year. This tax data is based on property value estimates furnished by the 16 counties in the District. Because the District has historically collected slightly less than the amount estimated (about 96 percent), ad valorem is budgeted at \$3,529,580. This budgeted amount for FY 2019-2020 is \$158,591 or 4.3 percent less than the property appraiser estimate of \$3,688,171 and \$96,097 or 2.8 percent more than the amount budgeted in FY 2018-2019.

After formal adoption of the ad valorem tax millage rate, the Governing Board is authorized to adopt a budget for the District's 2019-2020 fiscal year.

Recommendation

Staff recommends the Governing Board adopt Resolution Number 858 adopting the Fiscal Year 2019-2020 budget as presented herein.

Background

The proposed budget is \$71,108,502, which is a \$484,965 or 0.7 percent decrease from the FY 2018-2019 budget. The decrease is mainly attributable to spending down non-recurring funds that represent progress made on water supply development assistance grants and springs restoration and protection projects. The proposed budget prioritizes funding on water quality projects that help maximize nutrient reductions, consistent with Executive Order 19-12. Additionally, this budget will provide adequate fiscal resources to effectively

implement the District's core mission addressing water quality, water supply, natural systems, and flood protection, including:

- \$43.8 million for Springs Projects. This funding will enable the District to implement restoration projects for Wakulla Spring, Jackson Blue Spring, and springs associated with the St. Marks River, Chipola River, Econfinia Creek, and Holmes Creek.
- \$6.1 million for Watershed Restoration. This funding will facilitate continued efforts to protect and restore water quality and estuarine habitats in the Apalachicola River and Bay system through the implementation of cooperative water quality improvement projects and best management practices. This funding will also support assessment and stormwater treatment benefitting St. Joseph Bay, improved stormwater treatment and management in the St. Marks River watershed, and continued project planning to benefit watersheds across northwest Florida.
- \$2.2 million for monitoring and technical assessments to develop MFLs for Wakulla Spring; Sally Ward Spring; Jackson Blue Spring; the Floridan aquifer in coastal Okaloosa, Santa Rosa, and Walton counties; the Shoal River system; the Gainer Spring Group; Sylvan Spring Group; Williford Spring Group; and the Econfinia Blue Spring Group.
- \$1.5 million for Water Supply Development Assistance and Water Resource to continue support for cooperative grant projects across northwest Florida. This funding also supports the North Bay Wastewater Reuse Project in Bay County.

Attachments:

Resolution Number 857, Resolution Number 858, FY 2019-2020 Budget



Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

Brett J. Cyphers
Executive Director

Phone: (850) 539-5999 • Fax: (850) 539-2777

RESOLUTION NO. 857

Authorization of Ad Valorem Tax Assessment

WHEREAS, the Florida Legislature created the Northwest Florida Water Management District under Chapter 373, Florida Statutes; and

WHEREAS, the Northwest Florida Water Management District is authorized by the Constitution of the State of Florida and Chapter 373, Florida Statutes, to assess ad valorem tax revenues to support the Water Management District's operations; and

WHEREAS, programs and projects which are of District benefit will be supported with ad valorem tax revenues as reflected in the Fiscal Year 2019-2020 budget; and

WHEREAS, the Northwest Florida Water Management District held a Public Hearing as required by Section 200.065, Florida Statutes;

NOW, THEREFORE BE IT RESOLVED, by the Governing Board of the Northwest Florida Water Management District, that the District will implement its authorized ad valorem tax assessment at .0327 of a mill for Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington, and western portions of Jefferson County. Based on the available estimates of property values, furnished by the various counties in the District, said millage rate to be levied to fund the District's Fiscal Year 2019-2020 budget is equal to the .0327 mill rolled-back rate.

BE IT FURTHER RESOLVED that the ad valorem revenues will be used by the District, by adoption of the Fiscal Year 2019-2020 budget to initiate and support projects of local or District significance as needed, requested, or required throughout the District as determined by the District's Governing Board.

DULY ADOPTED at a public hearing this 26th day of September 2019, A.D.

Time Adopted _____PM

The Governing Board of the
**NORTHWEST FLORIDA WATER
MANAGEMENT DISTRICT**

ATTEST:

Chair

Secretary-Treasurer



Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712

(U.S. Highway 90, 10 miles west of Tallahassee)

Brett J. Cyphers
Executive Director

Phone: (850) 539-5999 • Fax: (850) 539-2777

RESOLUTION NO. 858

Adoption of Fiscal Year 2019-2020 Budget

WHEREAS, the Florida Legislature created the Northwest Florida Water Management District under Chapter 373, Florida Statutes; and

WHEREAS, the ensuing 2019-2020 fiscal year of the Northwest Florida Water Management District shall extend from October 1, 2019, through September 30, 2020; and

WHEREAS, the Northwest Florida Water Management District is authorized by Chapter 373, Florida Statutes, to adopt a budget in accordance with the provisions of Section 200.065, Florida Statutes; and

WHEREAS, the Northwest Florida Water Management District held a Public Hearing as required by Section 200.065, Florida Statutes; and

WHEREAS, programs and projects which are of District benefit will be supported with ad valorem tax revenues and other funding sources as reflected in the seventy-one million one hundred eight thousand five hundred two dollar Fiscal Year 2019-2020 budget.

NOW THEREFORE BE IT RESOLVED, by the Governing Board of the Northwest Florida Water Management District, that:

1. The Fiscal Year Final 2019-2020 budget be adopted; and
2. This resolution will take effect immediately upon the adoption.

DULY ADOPTED at a public hearing this 26th day of September 2019, A.D.

Time Adopted _____PM

The Governing Board of the
**NORTHWEST FLORIDA WATER
MANAGEMENT DISTRICT**

ATTEST:

Chair

Secretary-Treasurer

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2019-2020 TENTATIVE BUDGET SUMMARY
OCTOBER 1, 2019 - SEPTEMBER 30, 2020**

Proposed Ad Valorem Millage Rate <ul style="list-style-type: none"> Proposed rate is equal to the rolled-back rate of .0327 of a mill, is 34.6% below the legally authorized rate of .0500 of a mill, and .0011 of a mill less than the .0338 rate in FY 2018-2019 Truth-In-Millage estimated ad valorem proceeds: 2018 DR-420 tax form: \$3,613,191 2019 DR-420 tax form: \$3,688,171 An increase of \$74,980 or 2.1% Ad valorem budgeted: FY 2018-2019: \$3,433,483 FY 2018-2019: \$3,529,580 An increase of \$96,097 or 2.8% (amounts differ from tax form figures, based on historical collections) 	.0327 of a mill
Total Expenditure Budget 0.7% lower than the FY 2018-2019 Amended Budget, provides \$35,254,877 for Interagency Expenditures/Grants Provides for 109.4 full-time equivalent positions, 100.0 authorized & 9.4 equivalent OPS; same as in FY 2018-2019	\$71,108,502
Total Revenue Received/Earned \$34.5 million in new revenue \$31.6 million in carryover from prior years	\$66,163,530
Estimated Use of Cash Carryover/Reserves	\$4,944,972

Budget by Program Area

1.0 Water Resources Planning and Monitoring	\$ 7,126,011	10.0%
2.0 Land Acquisition, Restoration and Public Works	\$53,639,393	75.4%
3.0 Operation and Maintenance of Lands and Works	\$ 4,331,326	6.1%
4.0 Regulation	\$ 3,853,337	5.4%
5.0 Outreach	\$ 132,619	0.2%
6.0 District Management and Administration	\$ 2,025,816	2.9%
	<u>\$71,108,502</u>	

The combined Outreach and Management and Administration budget is 3.0% of the total District Budget.

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2019-2020 TENTATIVE BUDGET COMPARISON
BY FUND**

DESCRIPTION	General Fund	Capital Improv & Lands Acq	Special Projects	Lands Management	Regulation	Mitigation	TOTAL
Cash Balances Brought Forward	12,970,029	288,987	3,243,556	3,992,389	2,781,933	2,227,809	25,504,703
<u>ESTIMATED REVENUES:</u>							
Ad Valorem Taxes .0327 mills	1,140,589		428,965	377,257	1,582,769		3,529,580
DEP - WML Trust Fund			1,136,908				1,136,908
DEP - Land Acquisition Trust Fund		13,308,440	30,675,331	1,553,116			45,536,887
Water Protection and Sustain. Pgm. Trust Fund		100,000					100,000
Florida Forever Trust Fund		372,230					372,230
Permitting and Licensing					355,642		355,642
Federal Grants			2,676,341		13,772		2,690,113
State Funds	88,931	326,074	2,945,806	115,000	2,307,960	979,214	6,762,985
Local Government Units			160,693	268			160,961
Timber Sales							0
Miscellaneous Revenues		1,198,212	3,994,872	90,140	35,000	200,000	5,518,224
Interfund Transfers	1,710,895	237,291	843,545				2,791,731
Total Estimated Revenues, Transfers and Balances	15,910,444	15,831,234	46,106,017	6,128,170	7,077,076	3,407,023	94,459,964
<u>ESTIMATED EXPENDITURES:</u>							
Salaries & Benefits	1,907,090	69,467	2,385,555	1,243,860	2,775,349	321,704	8,703,025
Other Personal Services			46,657	45,597	271,754	2,770	366,778
Contractual Services	187,856	415,748	5,197,796	1,837,893	147,536	721,886	8,508,715
Operating Expenses	519,190	1,100	416,006	1,089,448	569,610	58,488	2,653,842
Capital Outlay	160,077	14,940,951	175,382	251,376	89,088	4,391	15,621,265
Grants and Aids	540,763	100,000	34,614,114				35,254,877
Reserves	11,585,721	288,987	2,745,979	1,144,623	2,566,612	2,227,809	20,559,731
Interfund Transfers	1,009,747	14,981	524,528	515,373	657,127	69,975	2,791,731
Total Operating Expenditures, Transfers and Reserves	15,910,444	15,831,234	46,106,017	6,128,170	7,077,076	3,407,023	94,459,964

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2019-2020 TENTATIVE BUDGET COMPARISON
REVENUE CATEGORIES**

	FY 2017-18 Actuals	FY 2018-19 Amended Budget	FY 2019-20 Tentative	Tentative O/(U) Amended Budget	
Ad Valorem Tax	3,366,092	3,433,483	3,529,580	96,097	2.8%
Federal Revenue	1,412,267	3,257,932	2,690,113	(567,819)	-17.4%
State Revenue	16,359,656	52,791,471	53,909,010	1,117,539	2.1%
Local Revenue	106,711	163,519	160,961	(2,558)	-1.6%
Permit Fees	465,470	396,438	355,642	(40,796)	-10.3%
Timber Sales	2,387,303	0	0	0	
Miscellaneous	848,922	5,487,199	5,518,224	31,025	0.6%
w/o Fund Balance	24,946,421	65,530,042	66,163,530	633,488	1.0%
Fund Balance	(1,534,409)	6,063,425	4,944,972	(1,118,453)	-18.4%
w/Fund Balance	23,412,012	71,593,467	71,108,502	(484,965)	-0.7%

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2019-2020 TENTATIVE BUDGET COMPARISON
EXPENDITURE CATEGORIES**

	FY 2017-18	FY 2018-19	FY 2019-20	Tentative O/(U)	
	Actuals	Amended Budget	Tentative	Amended Budget	
Salaries & Benefits	7,765,066	8,644,018	8,703,025	59,007	0.7%
Other Personal Services	218,718	346,348	366,778	20,430	5.9%
Contracted Services	3,655,819	7,870,040	8,508,715	638,675	8.1%
Operating Expense	1,887,859	3,244,823	2,653,842	(590,981)	-18.2%
Operating Capital Outlay	400,829	849,904	574,214	(275,690)	-32.4%
Operating Categories	13,928,291	20,955,133	20,806,574	(148,559)	-0.7%
Fixed Capital Outlay	719,767	16,207,084	15,047,051	(1,160,033)	-7.2%
Grants	8,763,954	34,431,250	35,254,877	823,627	2.4%
Non-Operating Categories	9,483,721	50,638,334	50,301,928	(336,406)	(0)
GRAND TOTAL	23,412,012	71,593,467	71,108,502	(484,965)	-0.7%

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2019-2020 TENTATIVE BUDGET COMPARISON
PROGRAM LEVEL**

Program	FY 2017-18	FY 2018-19	FY 2019-20	FY 2019-20	Tentative O/(U)		Tentative O/(U)	
	Actuals	Amended Budget	Preliminary	Tentative	Amended Budget	Preliminary Budget ¹		
1 Water Resource Plan/Monitoring	4,326,496	6,725,131	7,027,611	7,126,011	400,880	6.0%	98,400	1.4%
2 Land Acq/Restoration/Public Works	10,840,034	53,849,473	56,759,695	53,639,393	(210,080)	-0.4%	(3,120,302)	-5.5%
3 Operations & Maint Land & Works	3,177,258	5,051,396	4,205,723	4,331,326	(720,070)	-14.3%	125,603	3.0%
4 Regulation	3,112,390	3,855,871	3,856,958	3,853,337	(2,534)	-0.1%	(3,621)	-0.1%
5 Outreach	123,494	133,959	135,854	132,619	(1,340)	-1.0%	(3,235)	-2.4%
6 District Management & Admin	1,832,340	1,977,637	2,040,275	2,025,816	48,179	2.4%	(14,459)	-0.7%
GRAND TOTAL	23,412,012	71,593,467	74,026,116	71,108,502	(484,965)	-0.7%	(2,917,614)	-3.9%
Combined Outreach and Management & Administration as a Percent of Total Budget ²				2,158,435	3.0%			

The Legislative Budget Commission may reject the District's budget proposals:

¹In any individual variance in the Tentative Budget that exceeds 25% of the Preliminary Budget

²In these two programs that exceed 15% of the total Tentative Budget