

**Northwest Florida Water Management District
Governing Board Meeting Minutes
August 27, 2020**

1. Opening Ceremonies

Called to order at 1:02 p.m.

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

Present: George Roberts, Chair; Jerry Pate, Vice Chair; Jon Costello; Ted Everett; Bo Spring

2. Special Thanks and Recognition

None.

3. Changes to the Agenda

Item 4. C. was removed from the consent agenda for discussion due to a technical change.

4. Consideration of the following Items Collectively by Consent:

MOTIONED BY BO SPRING, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD APPROVE ITEMS A, B, D, E, F, G, H, AND I IN THE CONSENT AGENDA CONTINGENT UPON LEGAL REVIEW AND OTHER ACTIONS AS REQUIRED BY FLORIDA STATUTES. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

A. Approval of the Minutes for July 23, 2020

Approve the Minutes for the July 23, 2020, Governing Board meeting.

B. Approval of the Financial Reports for the Month of June 2020

Approve the Financial Reports for the Month of June 2020.

D. Consideration of Committing Fiscal Year 2019-2020 Fund Balances as Required by GASB Statement No. 54

Adopt Resolution No. 874 to commit fund balances for Fiscal Year 2019-2020 as follows:

- Commit \$500,000 from the General Fund balance for the Bay County North Bay Reuse Grant;
- Commit \$400,000 from the General Fund balance for the Gulf County Water Supply Project;
- Commit \$371,650 from the General Fund balance for Water Supply Development Assistance Grants;

- Commit \$100,000 from the General Fund balance for the Weems Road Pass Grant;
- Commit \$61,425 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.

E. Consideration of Fiscal Year 2020-2021 Information Technology Purchases

Approve the following procurements for Fiscal Year 2020-2021, contingent upon approval of the District's Fiscal Year 2020-2021 budget:

- Department of Management Services (DMS) competitively procured purchase of Internet access, telephony circuits, and security services for District headquarters, field offices, and connections to partner water management districts for DMS in the amount not to exceed \$165,000.
- Sole source purchase of annual support and licensing for Munis (accounting software from Tyler Technologies) in an amount not to exceed \$125,000.
- Sole source purchase of Geographic Information Systems (GIS) ARC GIS and ARC Online licensing, training, support, and consulting from Environmental Systems Research Institute (ESRI) in an amount not to exceed \$200,000.
- State of Florida contract purchase of Microsoft licensing for Microsoft Server and Workstation operating systems and software, SQL Database Server, SharePoint Server, Office 365 to Microsoft through an approved partner in an amount not to exceed \$180,000.
- Sole Source purchase of Aquarius Time-Series, Hydrometric Workstation, Server, WebPortal, Connect, Samples, Database Migration, Cloud Hosting and Support and Maintenance from Aquatic Informatics Inc. in an amount not to exceed \$165,000

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

Authorize the Executive Director to execute an amendment to Agreement No. 11-021 with Florida Fish and Wildlife Conservation Commission for Law Enforcement and Security Services (Scheduled Enhanced Patrol and As-Needed Enhanced Patrol) on District Lands for Fiscal Years 2020-21, 2021-22 and 2022-23, subject to the adoption and approval of the budget for each fiscal year.

G. Consideration of Contract with Washington County Sheriff's Office for Law Enforcement and Security Services; Choctawhatchee River and Holmes Creek and Econfina Creek WMAs

Authorize the Executive Director to execute the new agreement with the Washington County Sheriff's Office to provide law enforcement and security services for District lands located in Bay and Washington counties for FY 2020-21, FY 2021-22, and FY 2022-23, subject to approval and adoption of the budget for each fiscal year.

H. Consideration of Sale of Access Easement to Elmer D. Gregory; Econfina Creek WMA

Determine the access easement is compatible with conservation, preservation or recreation purposes, approve the sale of an access easement to Mr. Elmer D. Gregory at appraised value, and authorize the Executive Director to execute the easement, subject to legal counsel review and approval.

I. Consideration of Fiscal Year 2020-2021 Contractual Services to Support the District's Regional Wetland Mitigation Program

Authorize the Executive Director to approve expenditures up to \$963,213 for contractual ecological and restoration services to support the District's Regional Mitigation Program for Fiscal Year 2020-2021, contingent upon approval of the District's FY 2020-2021 budget.

4. C. Request for Release of Fiscal Year 2020-2021 State Appropriations and Related Agreements

MOTIONED BY BO SPRING, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD ADOPT RESOLUTION NO. 873 TO REQUEST THE SECRETARY OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION TO RELEASE FUNDS FROM THE GENERAL REVENUE FUND IN AN AMOUNT UP TO \$5,211,231, FROM THE LAND ACQUISITION TRUST FUND IN AN AMOUNT UP TO \$3,421,000, AND FROM THE WATER PROTECTION AND SUSTAINABILITY PROGRAM TRUST FUND IN AN AMOUNT UP TO \$180,000, AND AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AGREEMENTS WITH DEP FOR THESE FUNDS, SUBJECT TO BUDGET APPROVAL AND LEGAL COUNSEL REVIEW. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

5. Consideration of Amendment No. 16 to the Fiscal Year 2019-2020 Budget

MOTIONED BY TED EVERETT, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD ADOPT RESOLUTION NO. 875 AMENDING THE FISCAL YEAR 2019-2020 BUDGET AND ALLOW STAFF TO REALIGN REVENUES AND RESERVES TO MAINTAIN THE PROPER BALANCE IN EACH FUND. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

6. Consideration of the Report on Properties Reviewed by the Land Management Review Team

MOTIONED BY TED EVERETT, SECONDED BY JON COSTELLO, THAT THE GOVERNING BOARD ACCEPT THE MEMORANDUM INCLUDED IN THE BOARD FOLDER, AND THE PRESENTATION GIVEN AT THE MEETING, AS THE REPORT ON LAND MANAGEMENT REVIEW TEAM FINDINGS. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

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

MOTIONED BY BO SPRING, SECONDED BY JERRY PATE, THAT THE GOVERNING BOARD APPROVE F4 TECH'S PROPOSAL OF \$30,995 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 2020-2021 BUDGET. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

8. Request for Proposal for Apiary Site(s) on District Lands

Informational purposes only.

9. Request for Authorization to Undergo Rule Development, Chapter 40A-8, F.A.C.

MOTIONED BY JON COSTELLO, SECONDED BY BO SPRING, THAT THE GOVERNING BOARD APPROVE INITIATION OF RULE DEVELOPMENT ON CHAPTER 40A-8, FLORIDA ADMINISTRATIVE CODE (F.A.C.), MINIMUM FLOWS AND MINIMUM WATER LEVELS, SPECIFICALLY AMENDING RULE 40A-8.021, AND CREATING RULE 40A-8.041, F.A.C., DURING THE NEXT TWELVE (12) MONTHS AND APPROVE INCLUDING THE PROPOSED RULEMAKING ITEMS, AS SET FORTH IN THE MEMORANDUM INCLUDED IN THE BOARD FOLDER, IN THE 2020-2021 ANNUAL REGULATORY PLAN PURSUANT TO SECTION 120.74, FLORIDA STATUTES. NO PUBLIC COMMENT WAS GIVEN. MOTION CARRIED.

10. Annual Regulatory Plan

Informational purposes only.

11. Legal Counsel Report

No pending cases in which the District is a party.

Meeting was adjourned at 1:31 p.m.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending July 31, 2020

Balance Forward - Operating Funds \$47,850,807.83

Operating Funds Received in current month:

Revenue Receipts, Current	\$213,561.43	
Contracts Receivable	76,689.05	
Other Deposits/Refunds/Adjustments	78,213.54	
Transfers from Lands Accounts	0.00	
Total Deposits during month	368,464.02	368,464.02

Total Deposits and Balance Forward \$ 48,219,271.85

Disbursements:

Employee Salaries	635,616.22	
Employee Benefits	270,131.06	
Employee Flexible Spending Account	0.00	
Contractual Services (Professional)	760,176.87	
Operating Expenses - Services	83,270.39	
Operating Expenses - Commodities	79,492.64	
Operating Capital Outlay	1,032,454.49	
Grants and Aids	18,387.09	
Total Operating Expenses during month	2,879,528.76	2,879,528.76
Payables, Prior Year	0.00	
Other Disbursements or (Credits)	22,201.65	
Total Funds Disbursed by check during month	2,901,730.41	2,901,730.41
Bank Debits (Fees, Deposit Slips, etc.)	0.00	
Transfer to Land Acquisition Account	0.00	0.00

Total Funds Disbursed 2,901,730.41

Cash Balance Operating Funds at month end \$ 45,317,541.44

Operating Depositories:

Petty Cash Fund	250.25	
General Fund Checking	754,327.50	
Payroll Account	6,325.76	
Passthrough (EFT) Account	0.00	
Investment Accounts @ 0.43%		
General Fund	20,334,153.32	
Lands Fee Fund	5,612,387.27	
SWIM Fund	91,445.78	
Springs Protection	100,094.99	
Okaloosa Regional Reuse	2,503,792.45	
Mitigation Fund	15,914,764.12	

Total Operating Depositories at month end \$ 45,317,541.44

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Financial Report
Summary Statement of Receipts, Disbursements & Cash Balances
For Month Ending July 31, 2020

Land Acquisition Funds @ 0.43%	\$	299,698.64	
Total Land Acquisition Funds			299,698.64
Restricted Management Funds:			
Phipps Land Mgmt @ 0.43%		56,906.63	
Total Land Acquisition Funds			
Fla. Board of Administraton Cypress Springs R&M Account @ 0.43%		843,952.83	
Total Restricted Land Management Funds			<u>900,859.46</u>
Total Land Acquisition, and Restricted Management Funds			<u>1,200,558.10</u>
TOTAL OPERATING, LAND ACQUISITION, & RESTRICTED FUNDS AT MONTH END			<u>\$ 1,200,558.10</u>

Approved: _____
Chairman or Executive Director

Date: September 24, 2020

Northwest Florida Water Management District
Statement of Sources and Uses of Funds
For the Period ending July 31, 2020
(Unaudited)

	Current Budget	Actuals Through 7/31/2020	Variance (under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 3,529,580	\$ 3,479,261	\$ (50,319)	99%
Intergovernmental Revenues	67,440,144	13,199,275	(54,240,869)	20%
Interest on Invested Funds	265,000	457,925	192,925	173%
License and Permit Fees	355,642	508,555	152,913	143%
Other	5,416,697	785,409	(4,631,288)	14%
Fund Balance	28,941,076		(28,941,076)	0%
Total Sources	\$ 105,948,139	\$ 18,430,425	\$ (87,517,714)	17%

	Current Budget	Expenditures	Encumbrances¹	Available Budget	%Expended	%Obligated²
Uses						
Water Resources Planning and Monitoring	\$ 7,168,011	\$ 3,225,819	\$ 1,450,573	\$ 2,491,620	45%	65%
Acquisition, Restoration and Public Works	61,474,260	4,114,709	16,506,729	40,852,822	7%	34%
Operation and Maintenance of Lands and Works	8,020,098	2,856,253	655,016	4,508,828	36%	44%
Regulation	3,928,337	2,583,502	118,299	1,226,536	66%	69%
Outreach	132,619	98,980	2,820	30,819	75%	77%
Management and Administration	2,025,816	1,535,459	67,935	422,423	76%	79%
Total Uses	\$ 82,749,141	\$ 14,414,722	\$ 18,801,372	\$ 49,533,048	17%	40%
Reserves	23,198,998			23,198,998	0%	0%
Total Uses and Reserves	\$ 105,948,139	\$ 14,414,722	\$ 18,801,372	\$ 72,732,046	14%	31%

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, 2020, and covers the interim period since the most recent audited financial statements.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

GENERAL FUND

JULY 2020

CHECKS	7/1/2020	\$ 60,507.07
AP EFT CHECKS	7/2/2020	74,852.45
DIRECT DISBURSEMENT	7/3/2020	370.00
CHECKS	7/8/2020	37,723.39
AP EFT CHECKS	7/10/2020	512,590.89
DIRECT DISBURSEMENT	7/10/2020	400.00
CHECKS	7/15/2020	39,995.36
AP EFT CHECK	7/17/2020	85,047.33
CHECKS	7/22/2020	42,180.07
AP EFT CHECKS	7/24/2020	136,683.19
DIRECT DISBURSEMENT	7/24/2020	250.00
CHECKS	7/29/2020	120,138.29
AP EFT CHECKS	7/29/2020	113,887.22
DIRECT DISBURSEMENT	7/29/2020	950,468.00
RETIREMENT	7/1/2020	58,699.61
VOIDED CHECKS	7/20/2020	(2,700.00)

\$ 2,231,092.87

Chairman or Executive Director

September 24, 2020
Date

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
95	AT&T	07/01/2020	269.54	PHONE SERVICE - EFO
5702	AUTO ALLEY	07/01/2020	84.42	MINOR REAPIRS FOR REG AND ERP
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/01/2020	658.94	MEDICARE INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/01/2020	637.30	RETIREE MEDICAL INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/01/2020	49,177.92	MEDICAL INSURANCE
4937	DIGITAL NOW INC.	07/01/2020	521.97	3 ROLLS PLOTTER PAPER FOR WEST
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/01/2020	63.98	RULEMAKING NOTICES
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/01/2020	39.90	FAR ADS FOR GB MEETINGS
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/01/2020	26.46	FAR AD
916	GULF POWER COMPANY	07/01/2020	487.65	ELECTRIC-DEFUNIAK OFFICE
3198	MILTON AUTO PARTS, INC.	07/01/2020	111.19	BATTERY REPLACEMENT FOR WMD-96
1205	OFFICE DEPOT, INC.	07/01/2020	24.37	OFFICE SUPPLIES
5610	OKALOOSA-WALTON SECURITY & SURVEILLANCE	07/01/2020	75.00	DEFUNIAK SECURITY SYSTEM
3768	SMITH TRACTOR CO, INC	07/01/2020	6,143.49	REPAIR TO AXLE ON FARM TRACTOR
4557	VERIZON WIRELESS	07/01/2020	233.77	CELL PHONES
4557	VERIZON WIRELESS	07/01/2020	1,790.13	JETPACKS
4626	WASTE PRO OF FLORIDA, INC	07/01/2020	161.04	SOLID WASTE - HQ

TOTAL CHECKS

60,507.07

3293	ANGUS G. ANDREWS, JR.	07/02/2020	8,125.00	ENCUMBER LEASE AGREEMENT - CON
2702	FISH AND WILDLIFE	07/02/2020	6,322.27	LAW ENFORCEMENT-CONTRACT NO. 1
5701	GRICE & SON PORT A POTTI, LLC	07/02/2020	380.00	PORTABLE TOILETS
3942	A & W VENTURES, L.C.	07/02/2020	156.34	PORTABLE TOILET FOR PHIPPS PAR
3942	A & W VENTURES, L.C.	07/02/2020	400.00	FOUR REGULAR PORTABLE UNITS WI
5641	MUNROE FOREST & WILDLIFE MANAGEMENT, INC	07/02/2020	3,685.00	PRESCRIBED BURNING
3813	PENNINGTON, P.A.	07/02/2020	12,000.00	LEGAL COUNSEL
4607	QUADIENT LEASING USA, INC	07/02/2020	1,087.65	MAILING SYSTEMS FOR HQ AND DEF
4091	THE SHOE BOX	07/02/2020	150.00	SAFETY BOOTS-RUNDEL
4091	THE SHOE BOX	07/02/2020	166.49	SAFETY BOOTS-HUTTO
3696	URS CORPORATION	07/02/2020	5,000.00	ENCUMBER CONTRACT 07-029 TO#74
3696	URS CORPORATION	07/02/2020	21,318.00	ENCUMBER CONTRACT #07-029 TO #
3696	URS CORPORATION	07/02/2020	1,500.00	ENCUMBER CONTRACT #07-029 TO#

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

5218	WAGEWORKS, INC.	07/02/2020	158.10	FLEXIBLE SPENDING ACCOUNT ADMI
2631	WASHINGTON COUNTY SHERIFF'S OFFICE	07/02/2020	14,403.60	LAW ENFORCEMENT-CONTRACT NO. 1

TOTAL ACH TRANSFER	<u>74,852.45</u>
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5707	REFUND PAYEEZY	07/02/2020	250.00	REFUND WUP PERMIT 293144
5707	REFUND PAYEEZY	07/02/2020	35.00	REFUND WELL 293194
5707	REFUND PAYEEZY	07/02/2020	35.00	REFUND WELL PERMIT 293273
5707	REFUND PAYEEZY	07/02/2020	50.00	REFUND WELL PERMIT 293304

TOTAL DIRECT DISBURSEMENT	<u>370.00</u>
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TOTAL AP	<u><u>135,729.52</u></u>
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**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP
COMPUTER PAID/EFT CHECKS**

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
4662	AUTO CLINIC OF MARIANNA, INC	07/08/2020	69.99	OPEN PURCHASE ORDER-VEHICLE SE
4180	BA MERCHANT SERVICES	07/08/2020	900.84	TRANSACTION FEES FOR E-PERMITT
5499	BCC WASTE SOLUTIONS, LLC	07/08/2020	209.55	DUMPSTER FOR ECONFINA OFFICE A
5499	BCC WASTE SOLUTIONS, LLC	07/08/2020	238.45	DUMPSTER FOR ECONFINA OFFICE A
1948	DELL MARKETING L.P.	07/08/2020	920.00	(4) WD19TB DOCKING STATIONS FO
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/08/2020	173.78	QUARTERLY INTEREST
4748	EAST MILTON WATER SYSTEM	07/08/2020	10.97	WATER-MILTON OFFICE
2713	FL DEPT OF AG. & CONSUMER SERVICES	07/08/2020	1,620.00	PRESCRIBED BURN ASSISTANCE
26	FL. SECRETARY OF STATE DIV OF ADMIN SERV	07/08/2020	31.22	FAR AD
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	07/08/2020	1,365.00	MAINTENANCE AND MONITORING ALA
5410	GUARDIAN AUTOMOTIVE	07/08/2020	45.30	OPEN PURCHASE ORDER FOR RMD.
1717	JACKSON COUNTY PROPERTY APPRAISER	07/08/2020	591.22	3RD QTR FY 19-20
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	235.08	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	177.92	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	94.38	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	219.79	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	182.12	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	107.75	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	180.22	KONICA MINOLTA COPIER LEASE RE
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	07/08/2020	193.19	KONICA MINOLTA COPIER LEASE RE
5159	L & R TRACTOR INC.	07/08/2020	675.00	40 YARD DUMPSTER
3198	MILTON AUTO PARTS, INC.	07/08/2020	242.42	BATTERIES FOR 650K DOZER ID# 4
4854	PANHANDLE STUMP & TREE SERVICE, INC.	07/08/2020	2,300.00	HAZARDOUS TREE REMOVAL - WAGES
4345	PRIDE ENTERPRISES FORESTRY	07/08/2020	2,390.73	RECREATION SITE SUPPLIES
5651	SGS TECHNOLOGIE, LLC	07/08/2020	373.33	HOSTINA AND MAINTAINING DISTRI
5651	SGS TECHNOLOGIE, LLC	07/08/2020	2,400.00	SGS TECHNOLOGIES DEV ONLINE PA
519	SOUTHSIDE MOWER & MAGNETO RPR., INC	07/08/2020	75.23	REPAIR TO STIHL HS80 HEDGER
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/08/2020	3,465.88	ELECTRIC - HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/08/2020	262.74	WATER/SEWER - HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	07/08/2020	89.20	SECURITY LIGHTS - HQ
3941	TYLER TECHNOLOGIES, INC.	07/08/2020	2,925.00	REFUND RECIVED TWICE FOR REGIS
2855	UNIVERSITY OF FLORIDA	07/08/2020	14,767.09	SOD BASED CROPPED ROTATION SYS
4774	JOHN T WILLIAMSON	07/08/2020	190.00	JANITORIAL SERVICES FOR MILTON

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

TOTAL CHECKS			<u>37,723.39</u>	
3126	DEWBERRY ENGINEERS, INC	07/10/2020	76,805.72	ENCUMBER CONTRACT #16-056 TO#2
3126	DEWBERRY ENGINEERS, INC	07/10/2020	10,000.00	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	53,614.88	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	16,687.36	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	4,000.00	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	58,488.96	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	4,171.84	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	73,111.20	RISK MAP PROGRAM SUPPORT
3126	DEWBERRY ENGINEERS, INC	07/10/2020	8,343.68	RISK MAP PROGRAM SUPPORT
3337	FORESTECH CONSULTING	07/10/2020	375.00	SUPPORT AND HOSTING FOR LAND M
5071	GASTON TREE DEBRIS RECYCLING, LLC	07/10/2020	105,300.00	HURRICANE DEBRIS MANAGEMENT-EF
5624	JESSE GRAY	07/10/2020	1,457.34	TUITION REIMBURSEMENT
5368	KOUNTRY RENTAL NWF, INC.	07/10/2020	9,880.00	PORTABLE & COMPOST TOILET SERV
5368	KOUNTRY RENTAL NWF, INC.	07/10/2020	207.50	CLEANING OF ECONFINA OFFICE AN
5368	KOUNTRY RENTAL NWF, INC.	07/10/2020	400.00	5 PORTABLE TOILETS FOR EFO STA
5368	KOUNTRY RENTAL NWF, INC.	07/10/2020	400.00	PICK UP GARBAGE AT PITT/SYLVAN
5653	L & R CONTRACTING, LLC	07/10/2020	63,660.49	ENCUMBER CONTRACT # 19-032
63	NORTHWEST FLORIDA DAILY NEWS	07/10/2020	131.97	WATER USE PERMIT LEGAL AD
5336	TETRA TECH, INC	07/10/2020	13,286.25	AS NEEDED HYDROLOGICAL SERVICE
3696	URS CORPORATION	07/10/2020	3,447.70	ENCUMBER CONTRACT #02-029 TO#8
3696	URS CORPORATION	07/10/2020	2,112.00	ENCUMBER CONTRACT #07-029 TO#1
3696	URS CORPORATION	07/10/2020	6,208.00	ENCUMBER CONTRACT # 07-029 TO#
3696	URS CORPORATION	07/10/2020	501.00	ENCUMBER CONTRACT #07-029 TO#1
TOTAL ACH TRANSFER			<u>512,590.89</u>	
5707	REFUND PAYEEZY	07/10/2020	150.00	BETHANY WOMACK P293610 PERMIT
5707	REFUND PAYEEZY	07/10/2020	250.00	ROBERT CUMMINGS P293506 WITHDR
TOTAL DIRECT DISBURSEMENTS			<u>400.00</u>	

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP
COMPUTER PAID/EFT CHECKS

TOTAL AP

550,714.28

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
2967	BANK OF AMERICA	07/15/2020	945.84	P-CARD CHARGES
2967	BANK OF AMERICA	07/15/2020	50.00	REG SUNPASS
2967	BANK OF AMERICA	07/15/2020	30.09	SOAP FOR FIELD STAFF-AMAZON
2967	BANK OF AMERICA	07/15/2020	59.98	AMAZON ORDER FOR IT
2967	BANK OF AMERICA	07/15/2020	351.04	AMAZON ORDER FOR IT
2967	BANK OF AMERICA	07/15/2020	345.00	BLUETOOTH COMMUNICATION EQUIPM
2967	BANK OF AMERICA	07/15/2020	139.99	LATEX GLOVES
2967	BANK OF AMERICA	07/15/2020	139.00	SIMPLYFORTRAN LICENSE RENEWAL
2967	BANK OF AMERICA	07/15/2020	1,103.76	WINDOWS VPS FOR XCONNECT SITE
4742	BRECK BRANNEN	07/15/2020	62.30	TRAVEL REIMBURSEMENT
5131	CITY OF DEFUNIAK SPRINGS	07/15/2020	325.15	WATER/SEWER DEFUNIAK SPRINGS
3886	DEER POINT TIMBER PRODUCTS	07/15/2020	1,000.00	PERFORMANCE BOND RETURN
1948	DELL MARKETING L.P.	07/15/2020	13,200.00	(44) DELL ULTRASHARP 27 INCH M
2241	DEPT. OF THE INTERIOR - USGS	07/15/2020	3,900.00	MONITOR FLORIDAN AQUIFER LEVEL
3424	DURRA-QUICK-PRINT INC.	07/15/2020	20.00	BUSINESS CARDS-WELLS
4855	ENVIRON SERVICES INCORPORATED	07/15/2020	2,583.34	JANITORIAL SERVICES, HEADQUART
5068	FIRST DATA CORPORATION	07/15/2020	67.33	EPERMITTING FEES - TELECHECK
349	GADSDEN COUNTY PROPERTY APPRAISER	07/15/2020	507.32	2ND QTR FY 19-20
349	GADSDEN COUNTY PROPERTY APPRAISER	07/15/2020	507.32	3RD QTR FY 19-20
349	GADSDEN COUNTY PROPERTY APPRAISER	07/15/2020	507.32	4TH QTR FY 19-20
35	GOODYEAR TIRE AND RUBBER COMPANY	07/15/2020	853.64	WMD 2425 TIRES
5603	GRIFFIN SAND & CONCRETE CO., INC.	07/15/2020	398.00	BLUE SPRINGS DAY USE WEATHER P
5410	GUARDIAN AUTOMOTIVE	07/15/2020	37.60	OPEN PURCHASE ORDER FOR RMD.
916	GULF POWER COMPANY	07/15/2020	490.74	ELECTRIC-MILTON OFFICE
247	HOLMES COUNTY TAX COLLECTOR	07/15/2020	0.99	PARCEL REFUND
666	JEFFERSON COUNTY PROPERTY APPRAISER	07/15/2020	228.47	3RD QTR FY 19-20
666	JEFFERSON COUNTY PROPERTY APPRAISER	07/15/2020	228.47	4TH QTR FY 19-20
3603	JIM STIDHAM & ASSOCIATES, INC.	07/15/2020	2,844.00	AS NEEDED HYDROLOGICAL SERVICE
3603	JIM STIDHAM & ASSOCIATES, INC.	07/15/2020	3,120.00	AS NEEDED HYDROLOGICAL SERVICE
2299	LIBERTY COUNTY SOLID WASTE	07/15/2020	32.00	SOLID WASTE DUMPSTER-FL RIVER
3406	NEECE TRUCK TIRE CENTER INC.	07/15/2020	630.00	4 TIRE REPLACEMENT FOR WMD-962
288	OKALOOSA CO. PROPERTY APPRAISER	07/15/2020	1,854.06	4TH QTR FY 19-20
4397	RED RIVER SPECIALTIES, INC.	07/15/2020	823.50	DYE AND SURFACTANT FOR HERBICI
4799	STAPLES CONTRACT & COMMERCIAL, INC.	07/15/2020	49.96	OFFICE SUPPLIES

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

COMPUTER PAID/EFT CHECKS

4270	VIEUX & ASSOCIATES, INC.	07/15/2020	2,500.00	GAUGE ADJUSTED RADAR RAINFALL
5218	WAGeworks, INC.	07/15/2020	59.15	COBRA ADMINISTRATION
TOTAL CHECKS			<u>39,995.36</u>	
5340	APPLIED TECHNOLOGY AND MANAGEMENT, INC.	07/17/2020	7,052.00	AS NEEDED HYDROLOGICAL AND ECO
5340	APPLIED TECHNOLOGY AND MANAGEMENT, INC.	07/17/2020	4,575.20	AS NEEDED HYDROLOGICAL AND ECO
3405	JOHN B. CROWE	07/17/2020	286.58	TRAVEL REIMBURSEMENT
3126	DEWBERRY ENGINEERS, INC	07/17/2020	4,510.50	ENCUMBER CONTRACT # 16-086
3126	DEWBERRY ENGINEERS, INC	07/17/2020	3,928.50	ENCUMBER CONTRACT # 16-086
45	DMS	07/17/2020	622.97	DEFUNIAK LOCAL
45	DMS	07/17/2020	1,383.74	DEFUNIAK ETHERNET & LONG DISTANCE
45	DMS	07/17/2020	1,145.04	HQ LOCAL
45	DMS	07/17/2020	87.66	HQ LONG DISTANCE
45	DMS	07/17/2020	35.56	MILTON LOCAL
45	DMS	07/17/2020	1.48	MILTON LONG DISTANCE
45	DMS	07/17/2020	59.61	AIR CARDS & HOT SPOTS
45	DMS	07/17/2020	6,760.67	HQ ETHERNET
45	DMS	07/17/2020	0.22	LAN PORTS & INTRANET/INTERNET
45	DMS	07/17/2020	27.19	LAN PORTS & INTRANET/INTERNET
45	DMS	07/17/2020	616.35	CONFERENCE CALLS
2453	ESCAMBIA COUNTY PROPERTY APPRAISER	07/17/2020	3,509.89	3RD QTR FY 19-20
2702	FISH AND WILDLIFE	07/17/2020	4,147.87	LAW ENFORCEMENT-CONTRACT NO. 1
2702	FISH AND WILDLIFE	07/17/2020	5,357.23	LAW ENFORCEMENT-CONTRACT NO. 1
3337	FORESTECH CONSULTING	07/17/2020	18,566.84	WEST REGION LAND MANAGEMENT PL
2268	INNOVATIVE OFFICE SOLUTIONS, INC	07/17/2020	837.00	ENCUMBRANCE PO FOR PHONE SYSTE
5653	L & R CONTRACTING, LLC	07/17/2020	2,100.00	ENCUMBER CONTRACT # 19-032
5146	MICHAEL CORRIE MANNION	07/17/2020	154.00	STAFF AUGMENTATION FOR CUSTOM
5614	ZACHARY J. SELLERS	07/17/2020	787.50	DEFUNIAK OFFICE JANITORIAL
5651	SGS TECHNOLOGIE, LLC	07/17/2020	373.33	HOSTINA AND MAINTAINING DISTRI
4955	TERRY'S HOME & LAWN MAINTENANCE, INC.	07/17/2020	3,526.90	RECREATION SITE CLEANUP-CONTRA
5336	TETRA TECH, INC	07/17/2020	935.00	ENCUMBER CONTRACT # 18-078
5336	TETRA TECH, INC	07/17/2020	10,667.50	ENCUMBER CONTRACT # 18-078
3696	URS CORPORATION	07/17/2020	1,216.00	121 PERDIDO RIVER AND BAY RISK
5060	EXTREME LOGISTICS GULF COAST, LLC	07/17/2020	1,775.00	RENTAL & SERVICE OF PORTABLE T

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

TOTAL ACH TRANSFER	<u>85,047.33</u>
TOTAL AP	<u><u>125,042.69</u></u>

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
5589	ASSETWORKS USA, INC	07/22/2020	6,489.00	FIXED ASSET SOFTWARE ANNUAL SU
142	DOUGLAS E. BARR	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
4288	HELEN BATTS	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
148	J. E. BRIGHT	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
1892	STEVE L. BROWN	07/22/2020	272.29	INSURANCE CREDIT REIMBURSEMENT
982	WILLIAM O. CLECKLEY	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
192	MARIA CULBERTSON	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
3904	DADE PAPER & BAG COMPANY	07/22/2020	512.85	PPE SUPPLIES
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/22/2020	300.00	ADMINISTRATIVE FEES FOR THE BR
5080	DESTINY WORSHIP CENTER	07/22/2020	100.00	P9673-3 EPERMIT DISCOUNT REFUN
5718	HECTOR MONTFORD	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
231	JERRY L. SHEPPARD	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
4952	LAW, REDD, CRONA & MUNROE, P.A.	07/22/2020	7,736.50	ENCUMBER INSPECTOR GENERAL CON
3391	ANNE LESTER	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
3266	LOWE'S COMPANIES INC.	07/22/2020	1,084.09	TOOLS AND SUPPLIES
614	ELAINE MCKINNON	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
3987	JOHN MORRILL	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
5076	NORTHLAND MANUFACTURING, INC.	07/22/2020	125.00	PERSONAL PROTECTIVE EQUIPMENT
3363	PANHANDLE SALVAGE	07/22/2020	14,808.00	WEATHER PAVILIONS
3363	PANHANDLE SALVAGE	07/22/2020	9,276.00	12 POLE BARN KITS THAT ARE 12'
4797	REBOL - BATTLE & ASSOCIATES, LLC	07/22/2020	70.00	P18607-2 (293553) CHANGE FROM
5352	FERNANDO RECIO	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
4577	SOUTHERN TIRE MART, LLC	07/22/2020	253.00	NEW TIRES AND REPAIR
4577	SOUTHERN TIRE MART, LLC	07/22/2020	492.00	WMD 96216 TIRES
2808	THAT BOOT STORE	07/22/2020	144.00	SAFETY BOOTS FOR MATT WHITFIEL
4962	GALE THOMPSON	07/22/2020	20.02	INSURANCE CREDIT REIMBURSEMENT
542	STANLEY TUCKER	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
4038	WINDSTREAM COMMUNICATIONS	07/22/2020	51.89	800 NUMBERS & EFO LONG DISTANCE
1042	NICHOLAS D. R. WOOTEN	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
1444	LARRY R. WRIGHT	07/22/2020	38.37	INSURANCE CREDIT REIMBURSEMENT
TOTAL CHECKS			<u>42,180.07</u>	

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

COMPUTER PAID/EFT CHECKS

5702	AUTO ALLEY	07/24/2020	44.95	AUTO ALLEY RUNNING PO
5702	AUTO ALLEY	07/24/2020	63.94	AUTO ALLEY RUNNING PO
4845	CALHOUN COUNTY SHERIFF'S OFFICE	07/24/2020	1,999.52	LAW ENFORCEMENT - CONTRACT NO
3126	DEWBERRY ENGINEERS, INC	07/24/2020	49,963.56	ENCUMBER CONTRACT #16-056 TO#2
4807	WEX BANK	07/24/2020	6,164.22	FUEL/REPAIR
4807	WEX BANK	07/24/2020	625.00	ENCUMBER CONTRACT # 14-057 - G
4807	WEX BANK	07/24/2020	425.00	WEX TELEMATICS FLEET MANAGEMEN
4807	WEX BANK	07/24/2020	25.00	ENCUMBER CONTRACT # 16-014 - G
4807	WEX BANK	07/24/2020	50.00	WEX TELEMATICS FLEET MANAGEMEN
5701	GRICE & SON PORT A POTTI, LLC	07/24/2020	380.00	PORTABLE TOILETS
5159	L & R TRACTOR INC.	07/24/2020	33,600.00	ECONFINA ROAD REPAIR MATERIALS
5614	ZACHARY J. SELLERS	07/24/2020	200.00	GARBAGE PICKUP AT PITT AND WIL
3696	URS CORPORATION	07/24/2020	8,817.00	ENCUMBER CONTRACT #07-029 TO#1
3696	URS CORPORATION	07/24/2020	34,325.00	ENCUMBER CONTRACT # 07-029 TO#

TOTAL ACH TRANSFER

136,683.19

5707	REFUND PAYEEZY	07/24/2020	250.00	RUSSELL LARGE P293778 WITHDRAW
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TOTAL DIRECT DISBURSEMENT

250.00

TOTAL AP

179,113.26

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

VENDOR	NAME	CHECK DATE	INVOICE NET	INVOICE DESCRIPTION
4180	BA MERCHANT SERVICES	07/29/2020	622.05	TRANSACTION FEES FOR E-PERMIT
5671	THOMAS BASFORD	07/29/2020	100.00	REFUND WELL PERMIT 287939-1
5671	THOMAS BASFORD	07/29/2020	100.00	REFUND WELL PERMIT 289517 THOM
4778	BENSON'S HEATING AND AIR CONDITIONING, INC.	07/29/2020	1,300.00	ANNUAL MAINTENANCE LIEBERT A/C
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/29/2020	658.94	MEDICARE INSURANCE
1616	BLUE CROSS/BLUE SHIELD OF FLORIDA	07/29/2020	56,102.98	MEDICAL INSURANCE
3538	CITY OF APALACHICOLA	07/29/2020	3,620.00	ENCUMBER CONTRACT #18-048
4676	CITY OF MILTON FLORIDA	07/29/2020	70.96	DUMPSTER SERVICE
4676	CITY OF MILTON FLORIDA	07/29/2020	135.13	SEWER MILTON FIELD OFFICE
3289	CITY OF TALLAHASSEE	07/29/2020	40.52	ELECTRIC DATA COLLECTION-LAKES
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/29/2020	7,105.80	LABORATORY ANALYSIS - GROUNDWA
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	07/29/2020	1,798.00	LABORATORY ANALYSIS - REGION I
2241	DEPT. OF THE INTERIOR - USGS	07/29/2020	5,000.00	ASSESSMENT AND CUSTOMIZATION O
4937	DIGITAL NOW INC.	07/29/2020	900.00	PLOTTER SERVICE AGREEMENT
4300	DYER, RIDDLE, MILLS & PRECOURT, INC.	07/29/2020	26,585.00	AS NEEDED PROFESSIONAL SURVEYI
5603	GRIFFIN SAND & CONCRETE CO., INC.	07/29/2020	1,020.00	PINE RIDGE WEATHER PAVILION CO
2291	GULF COAST ELECTRIC COOPERATIVE, INC	07/29/2020	374.69	ELECTRIC SERVICE - EFO
247	HOLMES COUNTY TAX COLLECTOR	07/29/2020	8.44	2019 POSTAGE
5294	KRONOS, INCORPORATED	07/29/2020	8.40	TIMESHEET PROGRAM
76	LEON COUNTY PROPERTY APPRAISER	07/29/2020	2,277.44	4TH QTR FY 19-20
4577	SOUTHERN TIRE MART, LLC	07/29/2020	113.50	WMD 2426 REPLACEMENT TIRE
3104	SOUTHERN WATER SERVICES, LLC	07/29/2020	250.00	QUARTERLY SAMPLING FOR ECONFIN
4832	SUN LIFE FINANCIAL	07/29/2020	93.80	PREPAID DENTAL ACCT 5
4832	SUN LIFE FINANCIAL	07/29/2020	5,338.32	PPO DENTAL ACCT 4
4834	SUN LIFE FINANCIAL	07/29/2020	1,088.18	AD&D ACCT 1
4834	SUN LIFE FINANCIAL	07/29/2020	80.75	EMPLOYEE ASSISTANCE PROGRAM
4833	SUN LIFE FINANCIAL	07/29/2020	992.29	VOL LTD ACCT 3
4557	VERIZON WIRELESS	07/29/2020	228.57	CELL PHONES
4557	VERIZON WIRELESS	07/29/2020	2,477.22	JETPACKS
75	WALTON COUNTY PROPERTY APPRAISER	07/29/2020	1,486.27	4TH QTR FY 19-20
4626	WASTE PRO OF FLORIDA, INC	07/29/2020	161.04	SOLID WASTE - HQ
TOTAL CHECKS			<u>120,138.29</u>	

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

1617	CAPITAL HEALTH PLAN	07/31/2020	80,760.60	MEDICAL INSURANCE
3405	JOHN B. CROWE	07/31/2020	309.72	TRAVEL REIMBURSEMENT
3942	A & W VENTURES, L.C.	07/31/2020	400.00	FOUR REGULAR PORTABLE UNITS WI
3603	JIM STIDHAM & ASSOCIATES, INC.	07/31/2020	5,688.00	AS NEEDED HYDROLOGICAL SERVICE
3603	JIM STIDHAM & ASSOCIATES, INC.	07/31/2020	6,240.00	AS NEEDED HYDROLOGICAL SERVICE
3813	PENNINGTON, P.A.	07/31/2020	6,860.00	LEGAL COUNSEL
5218	WAGEWORKS, INC.	07/31/2020	158.10	FLEXIBLE SPENDING ACCOUNT ADMI
2631	WASHINGTON COUNTY SHERIFF'S OFFICE	07/31/2020	13,170.80	LAW ENFORCEMENT-CONTRACT NO. 1
5060	EXTREME LOGISTICS GULF COAST, LLC	07/31/2020	300.00	3 REGULAR PORTABLE UNITS AND H
TOTAL ACH TRANSFER			<u>113,887.22</u>	
4605	PENNINGTON LAW FIRM TRUST ACCOUNT	07/31/2020	950,468.00	CLOSING FUNDS AND CONSERVATION EASEMENT
TOTAL DIRECT DISBURSEMENT			<u>950,468.00</u>	
TOTAL AP			<u><u>1,184,493.51</u></u>	

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

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

FROM: Paul Thurman, Program Manager, Minimum Flows and Water Levels

DATE: September 1, 2020

SUBJECT: Consideration of Fiscal Year 2020-2021 Contractual Services to Support
Minimum Flows and Minimum Water Levels

Recommendation

Staff recommends the Governing Board authorize the Executive Director to enter into agreements and task orders for up to \$1,114,000 for contracted services to support the development of minimum flows and minimum water levels in FY 2020-2021, contingent upon approval of the District's FY 2020-2021 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 MFL 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 multi-year 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 contracted services.

FY 2019-2020 Accomplishments

The District remains on-schedule to adopt MFLs for its three Outstanding Florida Springs (Wakulla, Jackson Blue, and Gainer Spring Group) by July 1, 2026. The draft MFL technical assessment for Wakulla Spring and Sally Ward Spring is anticipated to be completed in October 2020. Work accomplished during the past year includes calibration of hydrodynamic models to determine allowable spring flow reductions that protect manatee thermal refuge and estuarine habitats from significant harm. A hydraulic model of the Wakulla Spring and river system was refined and is being used to assess flow reductions that maintain recreational uses and fish and wildlife habitat. The Eastern District Model, a regional groundwater flow model, has been refined and can be used to assess the impact of current and future pumping on the springs. The model can

also be used to determine whether a prevention strategy is needed by assessing whether projected pumpage through 2040 will cause spring flows to fall below the proposed minimum flows.

The MFL technical assessment for the coastal Floridan aquifer in Planning Region II (Okaloosa, Santa Rosa, and Walton counties) is anticipated to be completed in December 2020. During FY 2019-2020, regional groundwater flow and transport models were developed to simulate the rate of movement of the saltwater interface. The effects of projected pumpage through year 2040 on saltwater movement are being evaluated. An analysis of changes in groundwater quality indicates that the rate of saltwater movement to date has been relatively slow. While some coastal wells have exhibited declines in water quality, impacts appear to be localized. To support future evaluations of the sand-and-gravel aquifer system in the Planning Region II, additional monitor wells are being constructed. Well construction will be completed by September 30, 2020.

To develop MFLs for Gainer, Sylvan, and Williford Spring groups, a detailed workplan was developed during FY 2019-2020. This workplan includes a detailed project schedule, with much of the work expected to be performed by District staff. Hydrologic data to support MFL development is ongoing. Data collection is also ongoing to support MFL development for Jackson Blue Spring to assess conditions post-Hurricane Michael.

Activities Planned for FY 2020-2021

Following completion of the MFL technical assessment report for Wakulla and Sally Ward springs, a voluntary scientific peer review will be performed. Following the scientific peer review, the District will refine the analyses and report, as appropriate. Rule-making activities are anticipated to begin November 1, 2020, with the rule development workshops planned for early 2021. Public involvement will continue throughout the fall and during rule-making activities.

During FY 2019-2020, the District will also complete the technical assessments for the coastal Floridan aquifer in Planning Region II (Okaloosa, Santa Rosa, and Walton counties). The results will determine how to best manage ongoing saltwater intrusion concerns in this region. Continued monitoring of aquifer levels and water quality is also planned.

Work will continue on MFL development for the Gainer Spring Group, Sylvan Spring Group, and Williford Spring Group located along Econfinia Creek. During FY 2020-21 District staff will conduct a field reconnaissance trip along Econfinia Creek to determine suitable sites for bathymetric data collection and ecological habitat evaluations. In addition, the physical condition of the creek and floodplain will be documented. Based on the field reconnaissance trip ecological and bathymetric data collection will be collected at appropriate locations along the creek.

Work will continue on MFL development for Jackson Blue Spring. Once sufficient hydrologic data is available, work will begin to develop surface water model of Jackson Blue Spring and the Merritts Mill Pond System. Work will also be performed to develop input datasets for a new regional groundwater flow model that includes the Jackson Blue Spring contribution area.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Lyle Siegler, Chief of Staff
Carlos Herd, Director - Resource Management Division
Kathleen Coates, Chief, Bureau of Resource Evaluation

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

DATE: September 8, 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 beginning October 1, 2020 and ending September 30, 2021. This is a revenue agreement with a 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 28 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 from the city of Tallahassee and up to \$47,027 from Leon County covering all staff expenses, vehicle maintenance, information technology and equipment costs from October 1, 2020 through September 30, 2021.

Attached: Draft Contract

STORMWATER FLOW MONITORING CONTRACT

CONTRACT NO. 21-###

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 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 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 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, 2020 and ending September 30, 2021. The CITY will pay the DISTRICT a lump sum fee of **\$55,931** 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 (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 for work outside of these hours 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. Delivery of data and reports are due 30 days following the end of each month or quarter to which the delivery applies. 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, COUNTY and DISTRICT 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.
23. That all parties to this contract are bound by Chapter 119, Florida Statutes, to make available to the public all records related to this contract excepting those records exempted by law.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

Leon County

850-606-2500

COUNTYATTORNEY@LEONCOUNTYFL.GOV

301 S. MONROE STREET

ROOM 202

TALLAHASSEE, FLORIDA 32301

City of Tallahassee

850-891-8799

RECORDS@TALGOV.COM

300 S. ADAMS STREET

PUBLIC RECORDS REQUEST

TALLAHASSEE, FLORIDA 32301

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

- 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.

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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.

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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:	\$ 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. 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.

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2. All equipment purchased for the Leon County Supplementary Monitoring Services shall remain as property of the County.
 - A. 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.
 - B. 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.
 - 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 County, 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 Leon County Public Works Department. Equipment returned to the County 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.
 - F. 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.
 - G. 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.
 - H. **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.

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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 – 2020

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 @ Aeon 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

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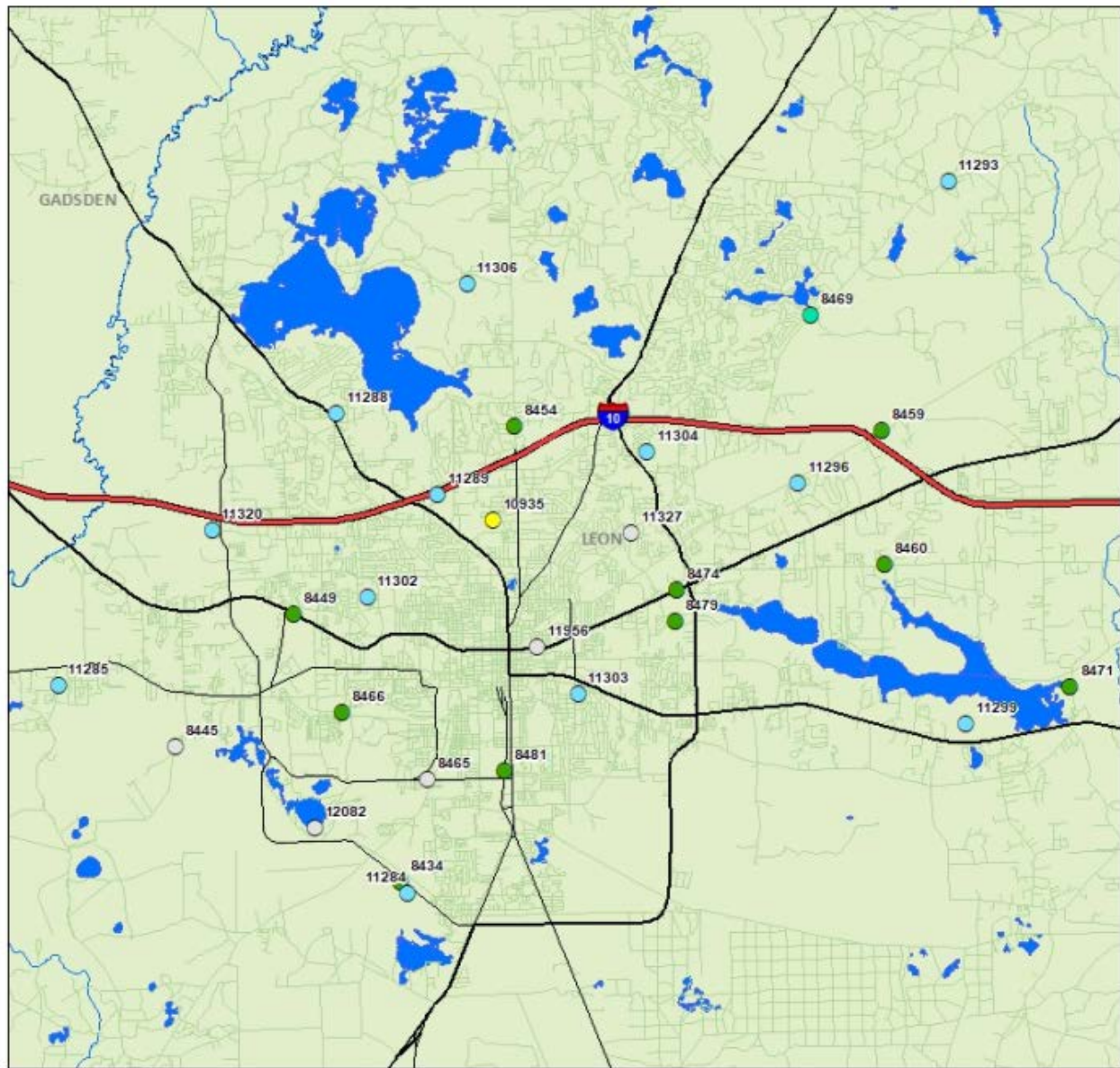
EXHIBIT 1

Station Name to ID Matrix – 2020

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

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EXHIBIT 2
Joint Hydrologic Data Stations – 2020



Monitor Stations

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



EXHIBIT 3

City of Tallahassee Hydrologic Data Stations – 2020



Monitor Stations

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

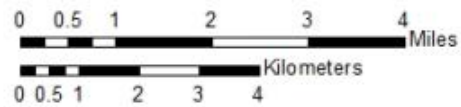
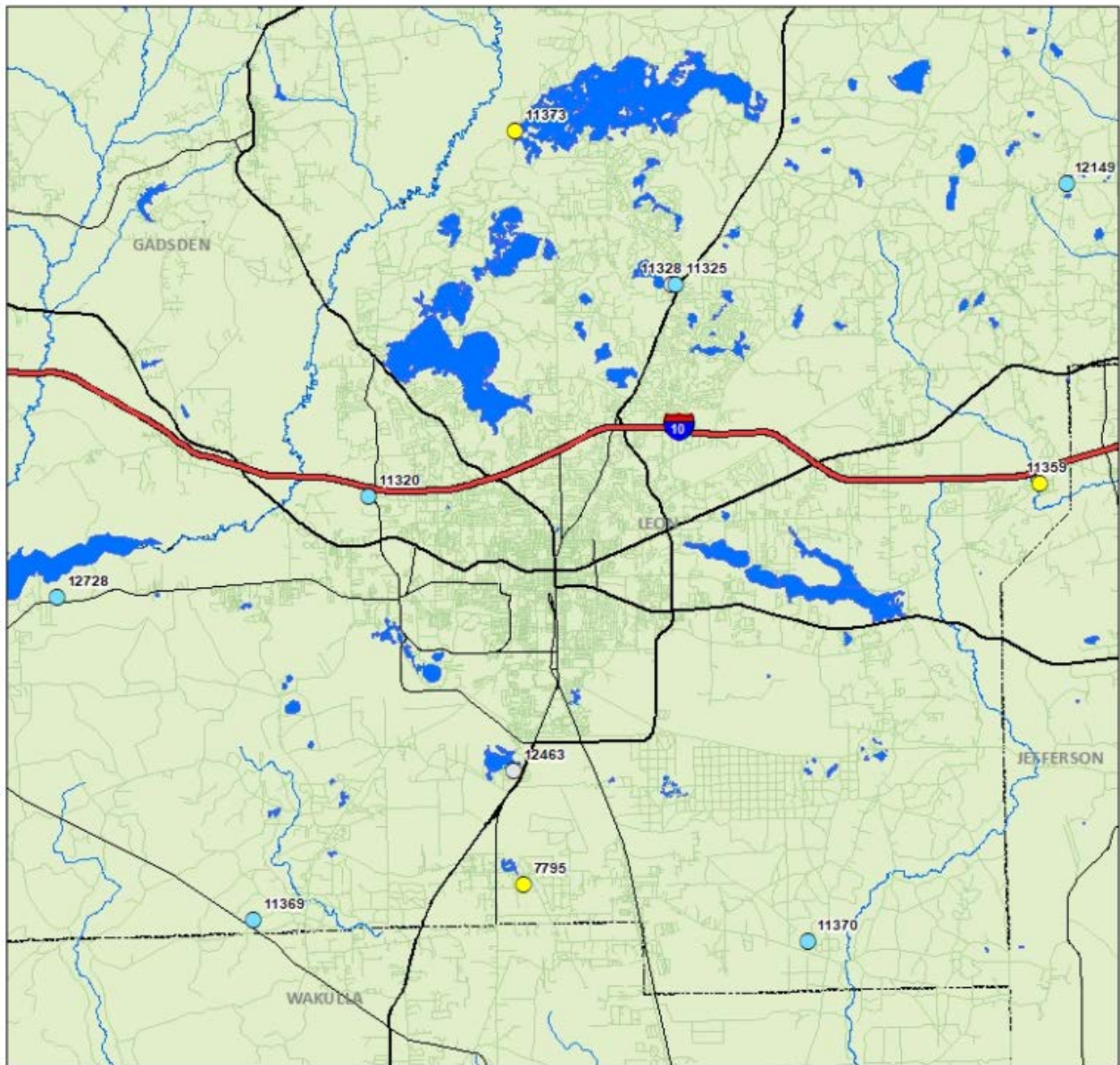


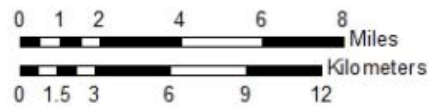
EXHIBIT 4

Leon County Hydrologic Data Stations – 2020



Monitor Stations

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



NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: September 8, 2020

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 station re-establishment and monitoring the Lost Creek at Arran Road and continued 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 \$102,700 for Fiscal Year 2020–2021.

Discussion:

The District has participated in a cooperative water resource investigation program with the USGS for the past 44 years. All five water management districts contract with the USGS for data collection services. Of the five districts, the NFWMD cooperative program continues to have the lowest number of stations and the lowest cost as most data collection is performed by District staff.

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 Lost Creek and Spring Creek stations also provide valuable information for resource management.

The joint funding agreement includes \$102,700 in District funding for Fiscal Year 2020-2021, which includes a one-time construction cost of \$14,200 for the Lost Creek at Arran Road station. The USGS is providing matching funds in the amount of \$38,910 to cover the total operational cost of the network of \$141,610. The total cost of the Spring Creek gauge is split between the District and the Department of Environmental Protection.

Attached: USGS 2021 Water Year Joint Funding Table

Proposed 2021 Water Year Cooperative Streamflow Program, USGS and NWFWMMD
Period of Performance: October 1, 2020 to September 30, 2021

August 28, 2020

Northwest Florida Water Management District

STATION NUMBER	STATION NAME	SW	QW	TOTAL	USGS CMF	NWFWMMD Cost	Type
02327031	Spring Creek near Spring Creek, FL * Stage	\$7,330	\$0	\$7,330	\$1,930	\$5,400	Stage
02327031	Spring Creek (Specific Conductant and Temp)*	\$0	\$5,560	\$5,560	\$1,930	\$3,630	Temp, SC
02330100	Telogia Creek near Bristol, FL	\$16,980	\$0	\$16,980	\$5,000	\$11,980	Discharge
02358000	Apalachicola River at Chattahoochee, FL	\$16,980	\$0	\$16,980	\$5,000	\$11,980	Discharge
02358000	Apalachicola River at Chattahoochee, FL (tbrg)	\$1,640	\$0	\$1,640	\$0	\$1,640	Rain
02359170	Apalachicola River near Sumatra, FL (index-velcoity)	\$30,150	\$0	\$30,150	\$10,750	\$19,400	Discharge
02369600	Yellow River near Milton, FL	\$30,150	\$0	\$30,150	\$10,750	\$19,400	Discharge
02369600	Yellow River near Milton, FL (tbrg)	\$1,640	\$0	\$1,640	\$0	\$1,640	Rain
02327033	Lost Creek at Arran, FLA (Equipment/Construction)	\$14,200	\$0	\$14,200	\$0	\$14,200	Equip/Const
02327033	Lost Creek at Arran, FLA	\$16,980	\$0	\$16,980	\$3,550	\$13,430	Discharge
Totals		\$136,050	\$5,560	\$141,610	\$38,910	\$102,700	

* FDEP cost shares 1/3

Surface Water		Water Quality		Total
		2021	2021	2021
Totals		136,050	5,560	141,610
Northwest Florida WMD		99,070	3,630	102,700
Cooperative Matching Funds		36,980	1,930	38,910

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Resource Management Committee

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

FROM: Katie Price, Hydrologist III

DATE: September 4, 2020

SUBJECT: Consideration of Bay County Contract for Deer Point Lake Watershed Monitoring

Recommendation

Staff recommends the Governing Board authorize the Executive Director to enter into a revenue contract with Bay County for surface water discharge and rainfall monitoring in the Deer Point Lake Watershed in the amount of \$106,120.00 for the purpose of resource management, flood warning, and improving surface water quality, subject to legal review and approval of the FY 2020-21 budget.

Discussion

Deer Point Lake is the primary drinking water supply for Bay County and Panama City. Bay County has requested the District continue operation of a streamflow and rainfall monitoring program in the Deer Point Lake Watershed. The attached three-year revenue contract provides the District with up to \$106,120.00 (up to \$35,373 annually) through Fiscal Year 2020-2023 for all operational costs for the program. The contract is subject to the approval of legal counsel.

The District has operated and maintained this monitoring network for Bay County since 1998. The monitoring program includes six stage/discharge stations and three rainfall stations in the Deer Point Lake Watershed. This monitoring program provides data on the contributions into Deer Point Lake and enhances the management and protection of the resources in the Deer Point Lake Watershed.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Lyle Siegler, Chief of Staff
Carlos Herd, Director, Division of Resource Management

FROM: David Cambron, Agricultural Liaison, Resource Management Division

DATE: September 24, 2020

SUBJECT: Consideration of Agreement with the Florida Department of Agriculture and Consumer Services for Northwest Florida Mobile Irrigation Lab Services

Recommendation:

Staff recommends the Governing Board authorize the Executive Director to execute an agreement with the Florida Department of Agriculture and Consumer Services to provide Northwest Florida Mobile Irrigation Lab services within the District for FY 2020-21, FY 2021-22, and FY 2022-23 with a Maximum Total Compensation amount not to exceed \$213,375 or an estimated annual amount of \$71,125 each fiscal year, subject to approval and adoption of the budget for each fiscal year.

Background:

Since 2004, the District's Governing Board has approved support for the Northwest Florida Mobile Irrigation Lab (NWFML). The NWFML is an ongoing joint effort between the District, the Natural Resources Conservation Service (NRCS) and the Florida Department of Agriculture and Consumer Services (FDACS). The agencies are ready to begin the 17th year of providing irrigation efficiency evaluations and related services within the District. The NWFML is a free and voluntary service that helps the agricultural community increase irrigation efficiency, conserve water resources, prevent runoff, and reduce nutrient leaching while reducing operating costs. The NWFML provides assistance across all 16 counties in the District with priority given to systems within delineated spring recharge basins in Jackson County and within the Water Resource Caution Area in Gadsden County. The NWFML is also providing support for the District's agricultural best management practices cost-share program. Since the NWFML's inception in northwest Florida, team members have completed 1627 evaluations, covering an irrigated area of over 69,000 acres. The average total water savings estimated by NWFML personnel equal approximately 3041.76 million gallons per season, or 8.33 million gallons per day.

The NWFMIL services are provided through the Jackson Soil and Water Conservation District and are funded through the District (\$71,125), FDACS (approximately \$82,500), and the NRCS (approximately \$61,500), who provides in-kind budget expenses including office space, a vehicle, equipment, and supplies. The total annual cost for the NWFMIL services is approximately \$215,000. The District will continue to receive quarterly reports summarizing all evaluations performed along with actual and potential water savings.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

DATE: September 9, 2020

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

Recommendation

Staff recommends the Governing Board accept Reports #20-02, #20-03, and the annual report summarizing the Inspector General activities for FY 2019-20 as presented.

Background

During Fiscal Year 2019-20, the District's Inspector General (IG), Law, Redd, Crona & Munroe, P.A., has conducted internal audits regarding the District's information technology and cybersecurity controls (Report #20-01), and the travel expense reimbursement process (Report #20-02). The IG also recently completed a follow-up on prior internal audit findings and the annual report summarizing the IG's activities for the fiscal year.

Report #20-01 was accepted by the Governing Board in February 2020, while this Board item is to request acceptance of the following three reports, which have been provided for review as separate documents:

1. Report of Internal Audit of the District's Travel Expense Reimbursement Process, #20-02
2. Follow-Up on Prior Internal Audit Findings, #20-03
3. Annual Report on Inspector General activities for FY 2019-20

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

FROM: Paul Thorpe, Deputy Director, Division of Resource Management

DATE: September 9, 2020

SUBJECT: Consideration of Fiscal Year 2020-2021 Strategic Water Management Plan

Recommendation

Staff recommends the Governing Board approve the Fiscal Year 2020-2021 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 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 2019. This update maintains the six strategic priorities identified in previous years and is consistent with the District's FY 2020-2021 Tentative Budget. Priorities for 2021-2025 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 and 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 2020-2021 SWMP has been made available for public review via the District's website. In addition to the opportunity to review this document and participate in Governing Board meetings, the public is 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.

Attachment:

FY 2020-2021 Strategic Water Management Plan

Northwest Florida Water Management District

Strategic Water Management Plan

September 2020

Publication Number: PDS 20-01



***Cypress Spring
(Holmes Creek)***

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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DISTRICT OFFICES

Havana (Headquarters)
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For additional information, write or call:

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

TABLE OF CONTENTS

1. Introduction	1
About the Northwest Florida Water Management District.....	1
Financial Resources.....	4
2. Strategic Priorities	5
Springs Restoration and Protection	5
Minimum Flows and Minimum Water Levels	8
Apalachicola-Chattahoochee-Flint River Basin	10
Water Supply	11
Watershed Restoration and Protection	13
Flood Protection and Floodplain Management	15
3. Implementation	17
4. Monitoring and Reporting	19

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1. Introduction

The Strategic Water Management Plan (SWMP) describes statutory responsibilities and current priorities of the Northwest Florida Water Management District (NFWFMD or District). These responsibilities and priorities encompass activities the District plans to undertake over a five-year planning horizon to accomplish its mission. This guidance document is complementary to and implemented by the District's annual budget. The planning horizon for this 2020 SWMP is from Fiscal Year (FY) 2020-21 to 2024-25.

About the Northwest Florida Water Management District

The NFWFMD is one of Florida's five water management districts created on December 31, 1976, as a result of the Florida Water Resources Act of 1972 and Chapter 373, Florida Statutes (F.S.) to conserve and realize full beneficial use of state water resources. The District's geographic region extends from the St. Marks River watershed in Jefferson County to the Perdido River in Escambia County (Figure 1).

A nine-member Governing Board appointed by the Governor and confirmed by the Senate oversees District activities by setting policy and approving operating budgets. The District collaborates with state and federal agencies, local governments, water and wastewater utilities, non-governmental organizations, and other stakeholders to accomplish its mission and statutory areas of responsibility.

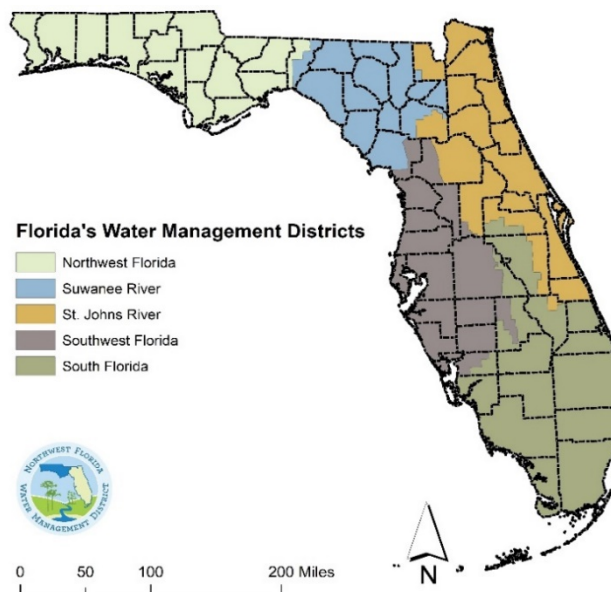


Figure 1. Florida's Water Management Districts

Mission and Responsibilities

The District's mission, as established by the Governing Board, is to implement the provisions of Chapter 373, Water Resources, F.S., in a manner that best ensures the continued welfare of the residents and water resources of northwest Florida. Section 373.036, F.S., sets forth four interrelated areas of responsibility (AORs) for water management districts: Water Supply, Water Quality, Flood Protection and Floodplain Management, and Natural Systems. Goals for each of these AORs are in Table 1.

Table 1. Areas of Responsibility and Goals

Water Supply	Ensure and facilitate the availability of sufficient water for all existing and future reasonable-beneficial uses and natural systems.
Water Quality	Improve and protect the quality of the District's water resources.
Flood Protection and Floodplain Management	Maintain natural floodplain functions and minimize harm from flooding.
Natural Systems	Enhance and protect natural systems.

Natural Characteristics

Seven major watersheds span the District, six of which extend into portions of Alabama and Georgia. The Apalachicola, Choctawhatchee, and Escambia rivers are three of Florida's five largest rivers by volume of flow – the Apalachicola River is the state's largest. The District contains more than 250 springs, including five first-magnitude springs: Wakulla Spring, Jackson Blue Spring, the Gainer Spring Group, St. Marks River Rise, and the submarine Spring Creek Spring Group (Figure 2).

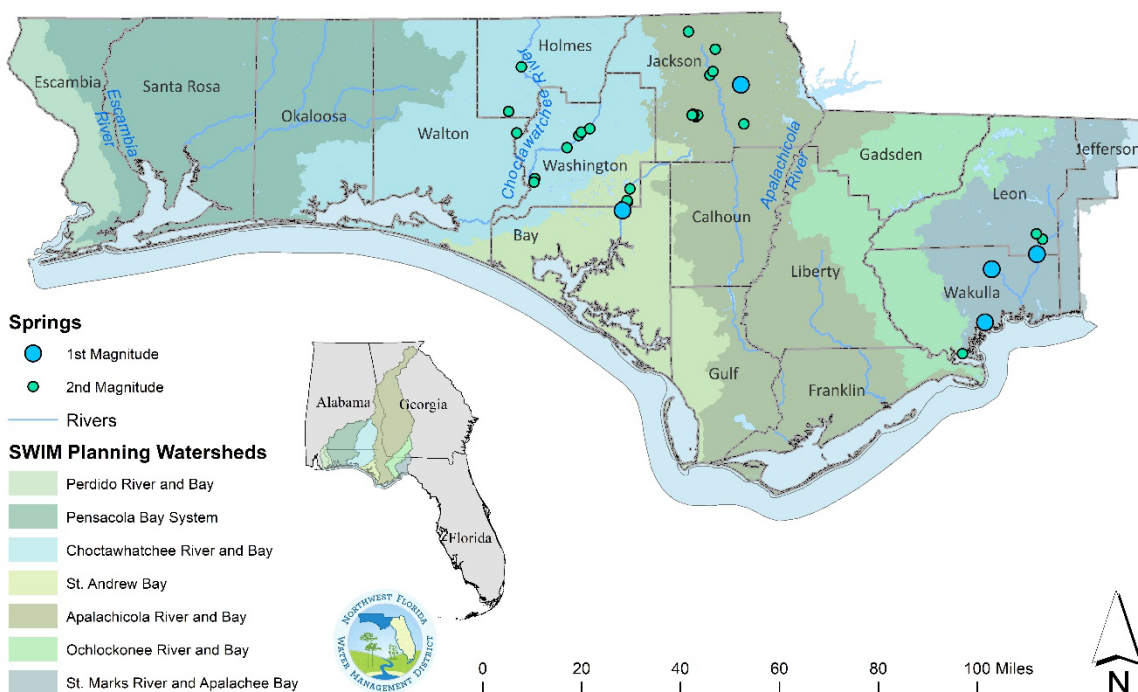


Figure 2. Northwest Florida Watersheds, Rivers, and Springs

The Floridan aquifer is the primary source of water supply across most of the District, and the sand-and-gravel aquifer is the primary source in Escambia and Santa Rosa counties. Bay County relies on surface water from Deer Point Lake Reservoir. A majority of the District's non-urban land is devoted to forestry and agriculture. Private forest lands cover much of the District, and prominent public lands include military bases, state and national forests, national wildlife refuges, state parks, and District lands.

Population, Growth, and Development

As of April 2019, there were an estimated 1.47 million permanent residents in northwest Florida, with nearly four-fifths of the population concentrated within Bay, Escambia, Leon, Okaloosa, and Santa Rosa counties. The 2019 Districtwide population estimates are overall 5,333 less than 2018, with declines estimated in counties impacted by Hurricane Michael: Bay, Calhoun, Gadsden, Gulf, Jackson, and Liberty. Santa Rosa and Walton counties are still the fastest growing in the District and among the fastest growing counties statewide. The high growth trends in Santa Rosa and Walton counties are expected to continue through 2045, with the projected Walton County population in 2045 nearly double the 2010 estimate. Districtwide, population is projected to grow to about 1.78 million by 2045, reflecting a 21 percent increase over the 2019 population.¹

¹ BEBR, 2020. University of Florida, Bureau of Economic and Business Research (BEBR), Florida Population Studies.

Operational Plans and Rules

The SWMP is designed as a functional plan to address the District’s statutorily defined AORs and guide, at a high level, how the District will carry out major activities over a five-year planning horizon. Activities that directly execute the strategic priorities are implemented within each of the District’s four major divisions: Asset Management, Resource Management, Regulatory Services, and Administration. Each division has program responsibilities, and operational plans that report on these programs are further described in Section 4. The District’s supporting regulatory framework, including relevant statutes and adopted rules, is online and updated as needed (<https://www.nwfwater.com/Permits/Rules-and-References>).

Strengths, Opportunities, and Challenges

Successfully implementing a strategic plan requires a realistic evaluation of an organization’s strengths, opportunities, and challenges that may enhance, provide insight toward, or hinder implementation. A current assessment of the District is outlined in Table 2.

Table 2. Strengths, Opportunities, and Challenges

Strengths	<ul style="list-style-type: none">• Partnerships and cooperation with other public and private organizations with complementary functions and authority• District water management lands and other public lands that protect water quality, floodplains, water recharge, and ecosystem health and productivity• Technical capability, efficiency, and long-term outlook• Ability to leverage external funding• Improved permitting regulations for statewide consistency and streamlining• In-house technical expertise for the minimum flows and minimum water levels (MFLs) program
Opportunities	<ul style="list-style-type: none">• Potential to acquire floodplain and recharge areas to protect springs, surface waters, and groundwater resources• Technological improvements to enhance hydrologic data collection and data management• Additional springs and other sensitive resource protection projects• Potential to enhance water conservation and continued development of alternative water supply sources, such as reuse• Funding resources to restore and protect the Gulf of Mexico and related natural resources, and other funding to match and extend existing funds• Identify and acquire new technology, data sources, and analytical methods
Challenges	<ul style="list-style-type: none">• Out-of-state water withdrawals• Concerns for long-term saltwater intrusion in groundwater aquifers serving some coastal communities• Water quality issues at some springs and other water resources• Rising demands for potable water for people, business, and agriculture• Fragmentation of wetlands and other water-related habitats• Nonpoint source pollution• Hydrologic, water quality, and water use data gaps• Infrastructure project funding limitations, particularly on the part of financially disadvantaged small local governments

The District consistently leverages strengths and endeavors to capitalize on opportunities through program activities. Challenges are acknowledged in the selection of strategic priorities, related goals, and success indicators, and in the programs and projects chosen for implementation.

Financial Resources

The state constitution and statutory millage rate cap for NFWMD is 0.0500, significantly less than the ad valorem taxing authority afforded to the other four water management districts. The District's FY 2020-2021 ad valorem tax millage rate, as set by the Governing Board, is 0.0311. To meet its areas of responsibility, the District must rely on other sources of funding, when available. These include:

- State legislative appropriations – For state priorities that include, for example:
 - Water quality enhancement projects including springs restoration and protection and innovative technology grants.
 - Water supply and alternative water supply planning and development.
 - The minimum flows and minimum water levels (MFL) program.
 - Management of District-owned lands.
 - The Environmental Resource Permitting (ERP) program.
 - The Apalachicola River and Bay System.
 - Special appropriation for District Hurricane Michael recovery activities.
 - The surface water improvement and management (SWIM) program.
 - Research, data collection, and programmatic operations.
- Other state funding, for example:
 - Florida Department of Transportation (FDOT) Mitigation Funds – For wetland mitigation, including functional wetland restoration and protection.
 - Florida Forever Trust Fund and Preservation 2000 – For land acquisition and capital improvements for watershed restoration.
 - Land Acquisition Trust Fund – For land acquisition, management, and restoration of natural systems; and for enhancement of public access and recreational opportunities on District-owned lands.
 - Water Protection and Sustainability Program Trust Fund – For alternative water supply development and associated water resource development.
- 2010 Deepwater Horizon restoration programs: Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies (RESTORE) of the Gulf Coast Act of 2012 and Natural Resources Damages Act (NRDA) Restoration Program – For coastal and watershed restoration.
- Federal Emergency Management Agency (FEMA) – For flood hazard and risk mapping, assessments, and planning.
- Other federal funds – To leverage District and state funding.
- Public-private cost share: Local governments, water supply utilities, and other project partners – For cooperative project implementation.
- General fund reserves – For regulatory services, mitigation, MFLs, water supply development, and land management.

2.Strategic Priorities

The District's strategic priorities and the goal of each priority for fiscal years 2021-2025 are consistent with the District's mission, areas of responsibility (AORs), and AOR goals.

Strategic Priorities for Fiscal Years 2021-2025

- ◆ **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:** *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.*

Each strategic priority is further described with goal, strategies, success indicators, funding sources, deliverables, and milestones.

Springs Restoration and Protection

Goal: *Restore and protect water quality and flows within the major spring systems of northwest Florida.*

Springs restoration and protection is carried out through cooperative funding projects and through programs such as MFLs, Surface Water Improvement and Management (SWIM), land management, and hydrologic data services. Implementation criteria, priorities, and activities are summarized below.

Springs Restoration and Protection Criteria

Success Indicators:	(1) Project accomplishment (percent complete) (2) Trends in nitrate concentrations (3) Trends in spring flows (4) Establish minimum flows for Outstanding Florida Springs and other priority springs
Funding Sources:	(1) State Legislative Appropriations (2) Land Acquisition Trust Fund (3) General Fund Reserves (4) Florida Forever Trust Fund
Milestones:	(1) City of Tallahassee Septic Connections within Wakulla BMAP (2021) (2) Magnolia Gardens Retrofit Phase III (2022) (3) Blue Spring Road and Indian Springs Sewer Extensions (2022) (4) Implementation of funded BMPs for agricultural producers in the Jackson Blue Spring basin and Mobile Irrigation Lab evaluations (Continuing) (5) Establishment of minimum flows (Schedule under MFLs)

Deliverables:	(1) Mobile Irrigation Lab evaluation reports
	(2) Water quality data
	(3) Spring discharge data
	(4) Project completion reports

Springs Programs and Projects

Springs programs and projects have multiple benefits that include water quality improvements, habitat restoration, public access enhancements, water conservation, and floodplain management. Projects that restore and protect water quality are instrumental in the implementation of Basin Management Action Plans (BMAPs). In the NFWFMD, BMAPs with springs Priority Focus Areas (PFAs) are Jackson Blue Spring and Wakulla Spring. The Wacissa Spring PFA is partially in the NFWFMD.

Jackson Blue Spring

A major District initiative is to improve irrigation efficiency, conserve water, reduce nutrients, and to restore and protect water quality in the Jackson Blue Spring groundwater contribution area in Jackson County.

- **Agricultural Programs and Projects**
 - **Best Management Practices (BMPs)** – A cost-share program implemented in cooperation with the Florida Department of Agriculture and Consumer Services (FDACS), Department of Environmental Protection (DEP), and the Jackson Soil and Water Conservation District. Agricultural BMPs help agricultural producers in the Jackson Blue Spring basin integrate best management practices (BMPs) into their farming operations to conserve water and improve water quality without compromising production yields. If funding is available, a goal is to expand this program to producers throughout the greater Chipola groundwater contribution area.
 - **Grass-Based Crop Rotation** – A federal 319(h) EPA pilot project and program developed in cooperation with DEP provides cost-share grants to agriculture producers in the Jackson Blue Basin to implement grass-based crop rotation practices and evaluate the effectiveness at reducing irrigation rates, nutrient and pesticide applications, and increasing crop yields. Also, the District continues to partner with the University of Florida’s Institute of Food and Agricultural Sciences (IFAS) for research and public outreach on grass-based crop rotation practices.
 - **Mobile Irrigation Laboratory (MIL)** – A cooperative funding effort with the Jackson Soil and Water Conservation District, FDACS, and U.S. Department of Agriculture’s Natural Resources Conservation Service (USDA-NRCS). On-site MIL evaluations help agricultural producers identify irrigation inefficiencies and make recommendations to implement appropriate BMPs to improve water use efficiencies and reduce nutrient loading.
- **Septic-to-Sewer Retrofit and Stormwater Projects**
 - **Indian Springs Sewer Extension, Phases 1-2B** – To extend central sewer to the Indian Springs neighborhood adjacent to Merritts Mill Pond and Jackson Blue Spring.
 - **Blue Springs Road Sewer Project** – To extend central sewer to the Jackson Blue Springs Recreation Area and residences around Jackson Blue Spring and Merritts Mill Pond.
 - **Jackson Blue Spring Recreation Area Stormwater Improvements** – For stormwater runoff treatment and shoreline restoration improvements.

Wakulla Spring

Septic-to-sewer retrofit projects in Wakulla and Leon counties to improve water quality and benefit Wakulla Spring. All projects include connection to central sewer and abandonment of septic tanks.

- Magnolia Gardens and Wakulla Gardens Sewer System Expansions (multiple phases) – For septic-to-sewer connection of homes on septic systems to the Wakulla County Advanced Wastewater Treatment (AWT) plant in the Wakulla Springs Priority Focus Area 2.
- City of Tallahassee Septic-to-Sewer in Wakulla BMAP – For the connection of properties on septic tanks to central sewer within the Wakulla Springs Priority Focus Area 1.

Econfina Creek Springs

Spring shoreline restoration and related improvements to Econfina Creek and associated spring systems, the primary water source for Deer Point Lake Reservoir and potable supply for Bay County.

- Econfina Blue Spring Camp – Spring shoreline restoration and protection, stormwater facilities, and public access improvements including landscaping, irrigation, signage, and picnic shelters for a second magnitude MFL priority spring.
- Enhanced Monitoring – Increased discharge monitoring for Gainer Spring Group, an Outstanding Florida Spring (OFS), and Sylvan and Williford Spring groups, located on Econfina Creek.

Other Springs

- Cypress Spring – Purchase of a conservation easement, shoreline stabilization, and public access improvements for a second magnitude spring in Washington County. The District partnered with the FAMU-FSU College of Engineering to design the project.
- Horn Spring Restoration – Streambank restoration and public access improvements to second magnitude spring in Leon County, in partnership with DEP.

Additional springs projects are planned as a continuation of annual grant funds received beginning in FY 2014-2015. A new grant funding cycle opened in December 2019, funding requests were approved by the District's Governing Board in May 2020, and final DEP award determination is anticipated by the end of FY 2019-20. All springs funding is subject to annual state appropriations.

Land Acquisitions

Planned land acquisitions in fee simple, less-than-fee simple, and/or conservation easements that aid in long-term protection of northwest Florida springs:

- Cypress Spring – Lands surrounding Cypress Spring along Holmes Creek.
- Gainer Spring Group – Spring bank lands along Econfina Creek and within the Econfina Creek and springs group groundwater contribution recharge area.
- Jackson Blue Spring – Properties within the Jackson Blue Spring BMAP Area.
- Rook Spring Group – Lands along Dry Creek near the Chipola River and Rook Spring Group.
- Wakulla Spring – Properties in Wakulla Springs BMAP Primary Focus Areas 1 and 2.

District Programs

The District's Minimum Flows and Minimum Water Levels (MFLs) and Surface Water Improvement and Management (SWIM) programs support springs restoration and protection. Both programs are guided by

statute² to identify priority water bodies including Outstanding Florida Springs and other springs for technical and scientific evaluations, planning, and program development. Both programs are more fully described in their respective strategic priorities: *MFLs* and *Watershed Restoration and Protection*.

Supporting Initiatives

- Land Management – Multiple land and asset management activities aid in the long-term protection of northwest Florida springs. Typically, these activities are also beneficial for water quality protection, water recharge, natural resource conservation, watershed restoration and protection, and for flood protection and floodplain management.
 - The Econfina Creek Water Management Area (WMA) is more than 41,000 acres of District land that protects groundwater recharge, spring flow, and water quality within the Econfina Creek springs complex, which includes the first magnitude Gainer Spring Group.
 - Land restoration and maintenance activities include prescribed burns, planting tree seedlings, and road maintenance and enhancements.
- Hydrologic Data Services – Data collection and management activities are implemented in an integrated manner to serve multiple areas of responsibility and strategic priorities and programs, including MFLs and springs protection. Major objectives include continuing to enhance efficiencies of the hydrologic monitoring network and continuation of cooperative agreements, including a joint funding agreement with the U.S. Geological Survey (USGS) to collect hydrologic data.
- Supporting and coordinated activities with other strategic priorities include protection of water resources including springs in the Apalachicola-Chattahoochee-Flint (ACF) River Basin.

Minimum Flows and Minimum Water Levels

Goal: Develop and implement science-based MFLs that protect water resources and associated natural systems.

The District’s minimum flows and minimum water levels (MFLs) program is a major component of the overall effort to ensure the long-term protection and sustainability of regionally significant water resources. A minimum flow or minimum water level is defined as the limit at which further withdrawals would be significantly harmful to the water resources or ecology of the area. The MFL program complements other efforts, including water use permitting, water supply assessments, regional water supply planning, and watershed management. Strategic approaches include data collection, groundwater and surface water modeling, technical assessments, and rule development. Implementation criteria, priorities, and activities are summarized below.

Minimum Flows and Minimum Water Levels Criteria

Success Indicators:	(1) MFL technical assessment accomplishment (percent complete per the approved schedule)
	(2) Waterbodies meeting their adopted MFLs (number and percentage)
Funding Sources:	(1) General Fund Reserves
	(2) State Legislative Appropriations

² Sections 373.042 and 373.453, F.S.

Milestones:	(1) Technical Assessments for Wakulla Spring and Sally Ward Spring (2020) (2) Technical Assessment for Coastal Floridan aquifer in Region II (2020) (3) Technical Assessments for Jackson Blue Spring and the Gainer, Sylvan, and Williford Spring Groups (2024)
Deliverables:	(1) Complete MFL technical assessments and rule adoption according to the approved MFL Priority List and Schedule

MFL Technical Assessments

- Wakulla Spring, a first magnitude Outstanding Florida Spring (OFS), and Sally Ward Spring.
- Coastal Floridan Aquifer in Region II (Walton, Okaloosa, and Santa Rosa counties) assessment to evaluate long-term saltwater intrusion in the Floridan aquifer.
- Jackson Blue Spring, a first magnitude OFS.
- Gainer Spring Group, a first magnitude OFS, and second-magnitude Sylvan and Williford Spring Groups.

Supporting Initiatives

- Hydrologic Modeling – Development and refinement of regional groundwater flow and transport models, estuarine hydrodynamic models, and surface water models to support MFLs, water supply planning, and water resource evaluations.
- Data Collection – Discharge measurements, stream channel surveys, and instream habitat attributes to support MFL technical assessments.
- Cooperative Monitoring Activities – Ongoing enhancement of groundwater, surface water, and rainfall monitoring network; and continuation of agreements with:
 - DEP to monitor water quality in District aquifers, streams, and lakes;
 - Bay County, Leon County, and City of Tallahassee to monitor surface water discharge and rainfall for reservoir supply, stormwater management, and flood warning; and;
 - USGS to collect hydrologic data on the Apalachicola River, Yellow River, Telogia Creek, and the Spring Creek Springs Group.

The MFL program is implemented according to the MFL priority list and schedule which is updated annually and available online at www.nwfwater.com/water-resources/minimum-flows-levels/.

Apalachicola-Chattahoochee-Flint River Basin

Goal: Protect Apalachicola River and Bay water quality and restore freshwater inflow.

The District supports and cooperates with state and local entities to protect the economic and ecological viability of the Apalachicola River and Bay, or Florida's portion of the Apalachicola-Chattahoochee-Flint (ACF) River Basin. Nearly 90 percent of the ACF watershed is outside the State of Florida. Out-of-state water use and extreme low river flow conditions have impacted fisheries and habitats, creating economic and ecological harm. The District continues proactive efforts to protect ACF waters within NFWFMD. Implementation criteria, priorities, and activities are summarized below.

Apalachicola-Chattahoochee-Flint River Basin Criteria

Success Indicators:	(1) Project accomplishment (percent complete) (2) Area restored or treated (acres) (3) Pollutant load reduction (pounds per year)
Funding Sources:	(1) State Legislative Appropriations (2) Natural Resources Damages Act (NRDA) Restoration Program (3) Land Acquisition Trust Fund (4) General Fund Reserves
Milestones:	(1) City of Apalachicola Bay Stormwater Retrofit (2021) (2) Lighthouse Estates Septic to Sewer, Phases 1 and 2 (2023) (3) Technical assistance supporting state ACF Basin issues (Continuing)
Deliverables:	(1) Project completion reports

Water Quality Improvement Projects

- Jackson County agricultural programs and projects, and septic-to-sewer retrofit projects, to restore and protect Jackson Blue Spring in the Jackson County portion of the ACF river basin. See *Springs Restoration and Protection* strategic priority for further detail.
- Apalachicola Bay and St. George Sound Water Quality Improvement
 - City of Carrabelle Lighthouse Estates – Septic-to-sewer retrofit projects that remove onsite sewage treatment and disposal systems to help reduce nutrients and other nonpoint source pollution from flowing to St. George Sound.
 - City Apalachicola Stormwater Retrofit Project – Low-impact design practices and other infrastructure improvements to improve the quality of waters entering the bay.

Technical Assistance and Intergovernmental Cooperation

The District continues to provide technical assistance in the ongoing legal case between the states of Florida and Georgia over interstate freshwater allocation in the ACF river basin. The District also continues intergovernmental cooperation with the Governor's Office; state agencies such as FDACS, DEP, and the Florida Fish and Wildlife Conservation Commission (FWC); regional stakeholders; and with local governments to plan and coordinate on projects to improve water quality in Apalachicola Bay.

Supporting Initiatives

- Water Quality and Flow Monitoring – To monitor water quality and measure spring flow to ensure the health of the ACF River Basin resources.
- Water Use Permitting – Regulation of ground and surface waters is a tool for preventing impacts to spring systems, rivers, lakes, wetlands, and ground and surface water resources. Reservations of water have been established by rule for the Apalachicola and Chipola rivers.

Water Supply

Goal: Plan and facilitate sustainable water supplies for future reasonable and beneficial uses.

The water supply strategic priority is carried out through coordinated efforts in data collection and analyses, resource planning, regulatory services, and in water supply and water resource development. Implementation criteria, priorities, and activities are summarized below.

Water Supply Criteria

Success Indicators:	(1) Water supply made available (volume [mgd] and trend) (2) Public water supply demands met (volume in Million Gallons per Day [mgd] and percentage) (3) Public supply per capita water use (Gallons Per Capita Per Day [gpcd] and trend) (4) Project accomplishment (percent complete)
Funding Sources:	(1) General Fund Reserves (2) Water Protection and Sustainability Program Trust Fund (3) State Legislative Appropriations
Milestones:	(1) North Bay Reuse Project (2021) (2) Okaloosa County Reuse Extension (2022) (3) Panama City Beach Reclaimed Water Extension (2022) (4) Districtwide Water Supply Assessment Update (2023)
Deliverables:	(1) Water use data (2) Districtwide water supply assessment updates (3) RWSP updates (4) Project completion reports

Planning and Analyses

- Water Use Data – Collecting, analyzing, and reporting on water use data for water supply assessments, regional water supply planning, MFL technical assessments, and for partner agencies such as DEP, FDACS, the Florida Legislature’s Office of Economic and Demographic Research (EDR), and USGS.
- Districtwide Water Supply Assessment (WSA) – A Districtwide evaluation of existing and future water demands, and an assessment of the sustainability and sufficiency of water supply sources. Water supply assessments are updated on a five-year basis and provide the technical data and analytical tools for regional water supply planning (RWSP). The next WSA update is planned to be conducted in the 2021-2023 timeframe.
- Regional Water Supply Planning – Where existing sources of water are not adequate, RWSPs develop programs and projects in cooperation with local and regional stakeholders to meet water supply needs and to sustain water resources and related natural systems over a 20-year planning period. The Region II (Santa Rosa, Okaloosa, and Walton counties) RWSP update was completed in 2019 and approved by the District’s Governing Board on January 23, 2020.

Water Supply and Water Resource Development

- Water Resource Development – Regional-scale projects that support the availability of water supplies to meet long-term water supply needs and the needs of natural systems. Examples include planning for water reuse and conservation, data collection, source modeling and evaluation, and development and refinement of groundwater and transient flow models.

- Hydrogeologic Evaluations – Well construction and aquifer performance testing to determine the availability of groundwater from intermediate and surficial aquifers. Priority areas outside of the Region II RWSP include Bay and Gulf counties.
- Water Supply Development (WSD) Grant Program – Water projects assisting local governments and utilities to replace aging infrastructure, improve distribution systems, evaluate and develop alternative water supply projects, and address local drinking water quality issues. While several WSD projects remain in implementation, grant funds were fully allocated in November 2016 and no future grant cycles are planned.
- Alternative Water Supply (AWS) Development
 - Okaloosa-Eglin AFB-Niceville Reclaimed Water Project – Construction of 11 miles of reuse main connecting Eglin AFB and Niceville to the Okaloosa County Water and Sewer system to serve landscape irrigation needs.
 - South Santa Rosa Reuse Initiative – A comprehensive and long-term multi-stakeholder initiative involving Santa Rosa County, the Holley-Navarre Water System, and the City of Gulf Breeze with the goal of eliminating wastewater effluent discharges and increasing the beneficial reuse of reclaimed water in southern portions of the County.
 - North Bay Wastewater Reuse – Construction of six miles of reuse main connecting Bay County’s North Bay WWTF and Gulf Power to use reclaimed water in power generating cooling processes. Design efforts are ongoing following project delays due to impacts from Hurricane Michael.
 - Emerald Coast Utilities Authority (ECUA) Pensacola Beach Reclaimed Water System Expansion – A project to increase reuse capacity and distribution infrastructure on Santa Rosa Island in Escambia County.

Supporting Initiatives

- State and Inter-District Coordination – Regular collaboration with state agencies and other water management districts to support statewide data compilation and reporting, water conservation efforts, and enhance the consistency of water supply planning data and methods.
- Regulatory Services
 - Water Use Permitting Program – To review, issue, and enforce ground and surface water use permits that allow for reasonable-beneficial uses of water while protecting existing users and the long-term viability of the resource.
 - Well Permitting Program – To review, issue, and enforce well permits and water well contractor licensing. Activities covered are well construction, repair, and abandonment. This program protects public health and resource sustainability, while also serving the regulated community.

Watershed Restoration and Protection

Goal: Restore and protect watershed resources and functions.

Healthy functioning watersheds help protect water quality, natural systems, and are vital for flood protection and floodplain management. Strategies include springs and streambank restoration and protection, wetland mitigation, environmental resource permitting, land management, and stormwater and site improvements. Implementation criteria, priorities, and activities are summarized below.

Watershed Restoration and Protection Criteria

Success Indicators:	(1) Balance of released mitigation credits (2) Cooperative project implementation (percent complete) (3) Area restored (acres)
Funding sources:	(1) State Legislative Appropriations (2) General Fund Reserves (3) FDOT Mitigation Funding (4) RESTORE Act and settlement funds
Milestones:	(1) City of Apalachicola Bay Stormwater Retrofit (2021) (2) Weems Road Stormwater Retrofit (2021) (3) North Bay Reuse Project (2021) (4) Lighthouse Estates Septic to Sewer, Phases 1 and 2 (2023) (5) City of Port St. Joe Stormwater Improvements (2024)
Deliverables:	(1) Annual Regional Wetland Mitigation Plan and Mitigation Monitoring Reports (2) Project completion reports

Watershed Programs and Projects

- Gulf of Mexico Restoration – The District continues to work in cooperation with DEP, the Florida Fish and Wildlife Conservation Commission (FWC), and other stakeholders in Gulf of Mexico restoration. These activities help to implement the federal RESTORE Act and to effectively use civil penalty funding from settlements and the Natural Resources Damages Assessment (NRDA) process to mitigate damages incurred from the 2010 Deepwater Horizon oil spill.
- Port St. Joe Stormwater – The City of Port St. Joe will retrofit stormwater facilities within the Forest Park basin, improve the quality of water discharging to Patton Bayou and St. Joseph Bay, improve flood protection, and develop a stormwater master plan for the city.
- St. Joseph Bay Assessment – Data collection and analysis to evaluate freshwater flows and water quality from the Intracoastal Waterway and Gulf County Canal that flow into St. Joseph Bay, and to develop management recommendations.
- Surface Water Improvement and Management (SWIM) Program – A long-term program to restore and protect watershed resources, SWIM provides a framework for watershed and project planning. The SWIM priority list includes all seven of the major riverine-estuarine watersheds of northwest Florida and includes all waterbodies, tributaries, estuaries, springs, wetlands, and contributing basins within each watershed. Updates to SWIM plans are every five years or as needed, with the most recent updates completed in 2017.
 - Estuary Programs – In support of the implementation of SWIM plans and projects, the District coordinates with northwest Florida estuary programs modeled on the non-regulatory US Environmental Protection Agency (EPA) [National Estuary Program](#) (NEP). Estuary programs are a network of ecosystem-based organizations that work

collaboratively to protect and restore the water quality and ecological integrity of nationally significant estuaries.

- Seven Runs Streambank Restoration – The District continues a restoration and protection project which will be completed at Seven Runs in Walton County within the Choctawhatchee River Water Management Area (WMA). The project will include streambank stabilization, stormwater improvements, and public access enhancements.
- Weems Road Pass Phase 2 – Stormwater outfall modifications to improve flood protection and water quality in the St. Marks River watershed.
- Lake Jackson – Collaboration with DEP and local stakeholders to identify further opportunities to address nonpoint source pollution in the Lake Jackson watershed.
- Spring Restoration and Protection – Spring restoration and protection are essential for watershed management. See *Springs Restoration and Protection* strategic priority for further detail.
- Apalachicola River and Bay – Intergovernmental cooperation, technical assistance, water quality improvement projects, and supporting initiatives to restore and protect the Apalachicola River watershed. See *Apalachicola-Chattahoochee-Flint River Basin* strategic priority for further detail.

Land Acquisition and Management

- Land Acquisition – The District has acquired more than 224,000 acres of land for the protection of water quality, flood protection and floodplain management, natural systems, and water supply; and for public access and recreation. Future acquisition plans are noted in the *Springs Restoration and Protection* strategic priority.
- Restoration and Lands Management – Ongoing activities include prescribed burns, planting longleaf pine seedlings, erosion control, improving site access, and managing and maintaining public access sites and roads.
- Perdido River Paddling Trail Project – NRDA is funding improvements within the District’s Perdido River WMA consisting of construction of camping shelters, road work, and streambank protection. This work will complement comparable projects to be completed on other lands along the Perdido River owned by Escambia County and The Nature Conservancy.

Supporting Initiatives

- Environmental Resource Permitting (ERP) – The ERP program integrates stormwater management and wetland permitting. Implementation of the program improves and protects multiple watershed and wetland functions including water quality, fish and wildlife habitat, flood protection, shoreline stability, and aquifer recharge.
- Wetland Mitigation – In accordance with section 373.4137, F.S., the District assists the Florida Department of Transportation (FDOT) in developing wetland mitigation for transportation infrastructure development in areas not covered by private mitigation banks or where private mitigation banks are unable to provide appropriate credits. In the process, wetland resources and functions are protected and restored on a larger watershed scale. Activities include an In-Lieu Fee Program, the Sand Hill Lakes Mitigation Bank, and various individually permitted projects. Mitigation is supported by Land Acquisition and Management, ERP, and the SWIM Program.
- Data Collection and Analysis – To evaluate freshwater inflows from the Intracoastal Waterway and the Gulf County Canal that may be affecting St. Joseph Bay.

Flood Protection and Floodplain Management

Goal: Maintain natural floodplain functions and minimize harm from flooding.

Flood protection and floodplain management are facilitated by healthy functioning watersheds, addressed in the previous strategic priority. Additional strategies include flood hazard mapping, land acquisition and management, environmental resource permitting, and wetland mitigation. Implementation criteria, priorities, and activities are summarized below.

Flood Protection and Floodplain Management Criteria

Success Indicators:	(1) Area of floodplain protected through land acquisition (acres) (2) Percent of the District with updated DFIRMs meeting FEMA standards and criteria
Funding Sources:	(1) Federal Emergency Management Agency (FEMA) (2) State Legislative Appropriations (3) General Fund Reserves (4) FDOT Mitigation Funding
Milestones:	(1) Preliminary or Revised Preliminary DFIRMs for Bay County and the Lower Ochlockonee and Chipola Watersheds (complete by end of FY 2019-2020) (2) DFIRM completion incorporating coastal remapping studies for Bay, Escambia, Gulf, Okaloosa, Santa Rosa, and Walton counties (2021)
Deliverables:	(1) Risk MAP regulatory and non-regulatory products according to discovery report for each HUC 8 watershed within the District (2) Florida Forever Work Plan Annual Report

Flood Protection Programs and Projects

- Flood Hazard Mapping, Assessment and Planning – The District continues to work in cooperation with the Federal Emergency Management Agency (FEMA) on flood map modernization in the Risk Mapping, Assessment, and Planning (Risk MAP) program. This effort includes collaboration with state and local agencies to deliver detailed data to foster informed risk management decisions through the development of digital flood insurance rate maps (DFIRMs). The Risk MAP program and DFIRMs are a consistent approach to assess potential vulnerability and losses and helps to increase public awareness of and support for actions that reduce flood-related risks. Preliminary DFIRMs and final effective DFIRMs are issued according to planned milestones.
 - Risk MAP evaluations are ongoing for the Lower Ochlockonee River, Apalachicola River, New River, Chipola River, Pensacola Bay, Perdido River, Perdido Bay, Apalachee Bay – St. Marks River, Pea River, and the Lower Choctawhatchee watersheds.
 - Risk MAP evaluations are in the planning stage for the St. Andrew – St. Joseph Bay, Choctawhatchee Bay, Escambia River, and Yellow River watersheds.
- Flood and Floodplain Data – The District maintains an on-line Flood Information Portal parcel-level mapping tool and provides technical expertise and public access to high-resolution Light Detection and Ranging (LiDAR) elevation data and maps.
- Land Acquisition and Management – District lands include extensive floodplains along the Apalachicola, Choctawhatchee, Escambia, Yellow, Perdido, Blackwater and other rivers and major streams. Tidal wetlands are also protected on the Pensacola, Perdido, and Choctawhatchee estuaries. These lands maintain floodplain functions and protect natural systems, water quality, property, and public safety, as well as provide public access and recreation. Substantial upland acreage owned by the District provides protective buffers.

Supporting Initiatives

- Forest Restoration Acquisition Area (FRAA) – Following Hurricane Michael in October 2018, this conservation easement acquisition program was established with the goal of restoring and protecting the flood protection and nutrient reduction capabilities of damaged forest lands. If funded, the FRAA program will work with willing landowners to restore and protect water quantity and quality benefits afforded by silvicultural and agricultural BMPs. The FRAA program is also expected to help restore the rural economy.
- Environmental Resource Permitting (ERP) – Among the important functions of the ERP program is floodplain resource protection and thus protection of property and residents from potential flood damage through the regulation and management of surface water. Also included in ERP is permitting for dam design, construction, and maintenance.
- Regional Wetland Mitigation – Floodplain functions are protected on a watershed scale through implementation of the District’s regional wetland mitigation program for FDOT.
- Data Collection and Monitoring Network – Discharge measurements and rainfall monitoring provide critical data for flood protection and floodplain management. See *Minimum Flows and Minimum Water Levels* strategic priority for further detail.

3. Implementation

Table 3 is an overview of how each strategic priority is applicable to the District's Areas of Responsibility and the major implementation activities. Note that activities may occur in, and benefit, multiple strategic priorities, and that different strategic priorities are needed to accomplish all areas of responsibility.

Table 3. Strategic Priorities Matrix

Strategic Priority and Goal	Areas of Responsibility				Major Implementation Activities
	Water Supply	Water Quality	Flood and Floodplain	Natural Systems	
Springs Restoration and Protection <i>Restore and protect water quality and flows within the major spring systems of northwest Florida.</i>	✓	✓		✓	Agricultural BMPs, grass-based crop rotation, and MILs; septic-to-sewer and stormwater retrofit projects; streambank restoration and protection; land management and acquisition; hydrologic data collection; water use permitting; MFL development.
Minimum Flows and Minimum Water Levels (MFLs) <i>Develop and implement science-based MFLs that protect water resources and associated natural systems.</i>	✓	✓		✓	Data collection, groundwater and surface water modeling, technical assessments, and rulemaking.
Apalachicola-Chattahoochee-Flint River Basin <i>Protect Apalachicola River and Bay water quality and freshwater inflow.</i>	✓	✓		✓	Agricultural BMPs, grass-based crop rotation, and MILs; water quality improvement projects; technical assistance and intergovernmental cooperation; hydrologic data collection; water use permitting.
Water Supply <i>Plan and facilitate sustainable water supplies for future reasonable and beneficial uses.</i>	✓	✓			Water use data, water supply assessments, regional water supply planning; water use and well permitting; regional water resource development; water supply and AWS development projects.
Watershed Restoration and Protection <i>Restore and protect watershed resources and functions.</i>	✓	✓	✓	✓	Springs and streambank restoration and protection, regional wetland mitigation, environmental resource permitting, land management, stormwater retrofits, and recreational site improvements.
Flood Protection and Floodplain Management <i>Maintain natural floodplain functions and minimize harm from flooding.</i>			✓	✓	Flood hazard mapping, DFIRM updates, land acquisition and management, environmental resource permitting, wetland mitigation.

Table 4 below summarizes the anticipated five-year activity schedule of projects and programs.

Ongoing district activities not noted in Table 4 include: hydrologic data collection and monitoring, water use estimate and projections, land acquisition and management, regional wetland mitigation, environmental resource permitting, water use permitting, and well permitting. Also not noted are smaller projects such as planning or feasibility studies.

Table 4. Anticipated Schedule of Projects and Programs

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25
Agricultural Programs and Projects					
Agricultural BMPs					
Grass-Based Crop Rotation					
Mobile Irrigation Lab (MIL) Program					
Springs Restoration and Protection Projects					
<i>Jackson Blue Spring</i>					
Indian Springs Sewer Extension Phs. I-2A		Complete			
Indian Springs Sewer Extension Phase 2B			Complete		
Blue Springs Road Sewer Expansion		Complete			
Jackson Blue Spring Recreation Area	Complete				
<i>Wakulla Spring</i>					
Septic-to-Sewer in Wakulla BMAP	Complete				
Magnolia Gardens Phase III			Complete		
Wakulla Gardens Phase III			Complete		
<i>Other Springs Projects</i>					
Cypress Spring Protection & Restoration				Complete	
Horn Spring in Leon County	Complete				
Land Acquisition for Springs Protection			Complete		
Watershed and Flood Protection Projects					
Port St. Joe Stormwater				Complete	
Weems Road Pass Phase 2	Complete				
Lake Munson Algae Harvesting		Complete			
<i>Apalachicola Bay Water Quality Improvements</i>					
Carrabelle Lighthouse Estates Phase I&II			Complete		
Apalachicola Stormwater Retrofits	Complete				
Water Supply Development Projects					
<i>Alternative Water Supply Development</i>					
North Bay and ECUA Reuse Projects	Complete				
Okaloosa-Eglin-Niceville Reclaimed Water		Complete			
South Santa Rosa Reuse Initiative					
<i>Other Water Supply Development</i>					
WSD Grant Program Assistance	Complete				
Technical Programs					
<i>Modeling, Planning, Assessments</i>					
Ground and Surface Water Modeling					
St. Joseph Bay Monitoring & Assessment					
Water Supply Assessments (WSAs)		WSA 2023			
Regional Water Supply Planning				Update RWSP(s) as required	
SWIM and Estuary Programs				Assess need for updated SWIM Plans / Estuary Program Coordination	
Region II RWSP Implementation				T.B.D.	
<i>MFL Technical Assessments</i>					
Wakulla Spring & Sally Ward Spring		Complete			
Region II Coastal Floridan Aquifer		Complete			
Jackson Blue Spring					Complete
Gainer, Sylvan, and Williford Springs					Complete
Other Priority Waterbodies		Work Plans	Start		
<i>Flood Protection</i>					
Flood Hazard Risk MAP Program					
Final Effective DFIRMs for six coastal counties: Escambia, Santa Rosa, Okaloosa, Walton, Bay, and Gulf	Complete				
Evaluations and Preliminary DFIRMs					

4. Monitoring and Reporting

As required by section 373.036, F.S., the strategic water management plan includes an annual work plan report on the implementation of the strategic plan for the previous fiscal year. This annual report details activities and accomplishments, evaluation of indicators, milestones and deliverables, and project costs and timelines to complete. The Consolidated Annual Report (CAR) due by March 1st of each year incorporates this SWMP work plan report and includes other statutorily required reporting as noted in Table 5. The CAR is submitted to the Governor, Senate President, Speaker of the House, and the Secretary of DEP for review and monitoring purposes. Table 5 also summarizes the District’s operational plans and reports which are available online at: <https://nwfwater.com/Data-Publications/Reports-Plans>.

Table 5. Summary of NFWFMD Operational Plans and Reports

Resource and Asset Management	<ul style="list-style-type: none"> Consolidated Annual Report (CAR): <ol style="list-style-type: none"> SWMP Annual Work Plan Report Minimum Flows and Minimum Water Levels (MFLs) Priority List and Schedule Annual Five-Year Capital Improvements Plan Alternative Water Supplies Annual Report Five-Year Water Resource Development Work Program (WRDWP) Florida Forever Work Plan Annual Report Mitigation Donation Annual Report Surface Water Improvement and Management (SWIM) Program and Water Quality Projects Annual Report FEMA Risk Map and Map Modernization Business Plan In-Lieu Fee Instrument Annual Program Report (USACE) Annual Reports on: Wetlands; Sand Hill Lakes Mitigation Bank Monitoring; Agency Reuse; Regional Mitigation Plan; and Habitat Impacts, Preservation, and Restoration Every five years: Districtwide water supply assessments Every five years: Applicable regional water supply plans As needed: SWIM plan updates
	<ul style="list-style-type: none"> Preliminary, Tentative, and Adopted Annual Budgets Financial Audits and Audit Reports Continuity of Operations Plan (COOP) Annual Update Annual Regulatory Plan
Budget and Supporting	

In addition, each of the state’s water management districts completes and submits monitoring data and reports to Florida’s DEP, including:

- Annual and quarterly metrics on permitting process efficiencies, water supply, natural systems, and mission support (Table 6, below).
- Regional Water Supply Planning Annual Report.
- Florida Statewide Annual Report (STAR) on Total Maximum Daily Loads (TMDLs), Basin Management Action Plans (BMAPs), Minimum Flows or Minimum Water Levels (MFLs), and Recovery or Prevention Strategies.

Table 6. Statewide Water Management District Performance Metrics

<i>Permitting</i>
For closed applications within the CUP and ERP permitting areas, median time to process by permit type and total
For closed applications within the CUP and ERP permitting areas, the median time in house by permit type and total, including those applications under legal challenge
Within the CUP and ERP permitting areas, percentage of individually processed open applications with greater than two Requests for Additional Information (RAIs)
Within the CUP and ERP permitting areas, average number of RAIs for individually processed applications that closed in the last twelve months
Within the CUP and ERP permitting areas, percentage of individually processed open applications that have been in-house six months or longer
Within the CUP and ERP permitting areas, cost to process for all permit types
Within the CUP and ERP permitting areas, application to staff ratio for all permit types
Number of Closed Applications (CUP only)
Permit Process Time for Legislative Extensions and Emergency Orders (ERP only)
Cost to Process Legislative Extensions and Emergency Orders (ERP only)
<i>Mission Support</i>
Administrative costs as a percentage of total expenditures
<i>Water Supply</i>
Districtwide, the quantity [mgd] and percentage of the 20-year (e.g., 2015-2035) Public Supply increase in demand that has been met by water conservation and non-conservation projects, and by all water projects
Uniform gross per capita water use (Public Supply) by District
Uniform residential per capita water use (Public Supply) by District
<i>Natural Systems</i>
Number of MFLs and Reservations, by waterbody type, established annually (fiscal year) and cumulatively
Number and percentage of water bodies meeting their adopted MFLs
For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies with an adopted recovery or prevention strategy
MFL Priorities List Table

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

FROM: Paul Thurman, Program Manager, Minimum Flows and Levels

DATE: September 24, 2020

SUBJECT: Consideration of Expenditures Associated with the St. Joseph Bay Assessment Project for FY 2020/2021

Recommendation:

Staff recommends the Governing Board authorize the Executive Director to execute task orders and joint funding agreement (JFA) with contractors to conduct work associated with the St. Joseph Bay Assessment Project for Fiscal Year 2020-2021. The total cost for this effort is not to exceed \$1,300,000 for Fiscal Year 2020-2021 subject to budget approval and legal counsel review. These expenses are anticipated to be reimbursed to the District by DEP Grant AT003.

Discussion:

The purpose of this authorization is for the collection, analysis, and assembly of discharge and water quality data for the St. Joseph Bay Assessment Project during Fiscal Year 2020/2021. Data collected will help determine the volume and quality of water flowing between the St. Joseph Bay, Gulf County Canal, Lake Wimico, East Bay, the Intracoastal Waterway and Apalachicola River. Residents and stakeholders have raised concerns about the quality of water flowing through the watershed. However, there is very little data regarding the quality or magnitude of water flowing through the system. Data collected through this project will continue and expand data collection efforts initiated during Fiscal Year 2019/2020. These data will enhance our understanding of the processes affecting water and habitat quality within St. Joseph Bay and surrounding system. Much of the expenditures for this project are anticipated to be reimbursed to the NFWMD by the DEP through Grant AT003. These efforts will be largely conducted by District contractors and are not to exceed \$1,300,000.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett J. Cyphers, Executive Director
Lyle Seigler, Chief of Staff

FROM: Lennie Zeiler, Director, Division of Asset Management

DATE: September 8, 2020

SUBJECT: Consideration of Land Resource Revenue Agreements for Apiary Sites and Saw Palmetto Berry Sites on District Lands

The District lands owned for water resource protection are deemed multi-purpose lands open for public recreation. Since 1985, lands along the Apalachicola River have been licensed for apiary sites. Today, all lands deemed suitable across the District are available for apiary agreements. Suitable means the licensed use does not interfere with current land management practices and with other existing users. The District competitively sought licensure agreements for apiary sites and expanded natural resource collection to the harvest of saw palmetto berries.

On September 9, 2020, staff posted an Invitation to Bid for Apiary Sites and the Saw Palmetto Berries Sites on District Lands. Bids are due by 2:00 p.m. Eastern Time on September 23, 2020. Potential respondents will utilize a one-kilometer grid (one grid equals 247 acres) to identify a location for an apiary site or harvest site, and provide a bid for each grid they desire as a site. The District has set a minimum bid of \$100 per annual licensure fee per one-kilometer grid square. Staff will seek Governing Board approval, prior to awarding any agreements, for new apiary or saw palmetto berry harvest sites on District lands.

LZ/cb

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Lyle Seigler, Chief of Staff

FROM: Lennie Zeiler, Director, Division of Asset Management

DATE: September 8, 2020

SUBJECT: Consideration of Request for Authorization to Purchase Replacement Semi-Tractor and Trailer and Purchase of Skidsteer Plus Attachments for the Bureau of Land Management and Operations

Recommendation:

Staff recommends the Governing Board approve and authorize the Executive Director to purchase a semi-tractor and trailer and skidsteer plus attachments utilizing approved purchase methods.

Background:

Subject to approval of the Fiscal Year 2020-2021 budget, the Bureau of Land Management and Operations will have \$150,000 for the replacement and purchase of a semi-tractor and trailer and \$150,000 for the purchase of a skidsteer. Both of these purchases will assist in-house staff with moving equipment from site to site and accomplishing projects in the Hurricane Michael Recovery Area which are more cost effective for staff to repair versus hiring the private sector. Per the District Policies and Procedures Manual, purchases totaling \$65,000 or greater require Governing Board approval.

LZ/cb

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

THROUGH: Brett Cyphers, Executive Director
Lyle Seigler, Chief of Staff
Lennie Zeiler, Director, Division of Asset Management

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

DATE: September 9, 2020

SUBJECT: Consideration of Invitation to Bid 20B-010; Econfinia Creek 2021 Sand Pine Timber Sale

Recommendation

Staff recommends the Governing Board award Timber Sale Units 1, 2, 3, and 4 to Cedar Creek Timber, and award Timber Sale Units 5, 6, 7, and 8 to DeerPoint Timber Products, Inc., at the bid prices contained in Table 2 and authorize the Executive Director to execute contracts to facilitate these timber harvests.

Background:

On July 24, 2020, the District issued Invitation to Bid No. 20B-010 for the Econfinia Creek 2021 Sand Pine Timber Sale on the State's Vendor Bid System and the District's website. Notices were also sent to companies that previously expressed an interest in District timber sales.

This multi-stand timber sale includes an estimated 195,000 tons of sand pine pulpwood timber product within eight timber sale units on 2,564 acres in Bay and Washington counties within the Econfinia Creek Water Management Area. The planned timeframe is for the harvests to be completed by December 31, 2021. The timber sale units are described below in Table 1 and delineated on the attached general location map.

This timber sale utilized a process that provides the opportunity for awards to multiple buyers. Each timber sale unit was bid individually, with all timber payments to be made on a measured per-ton basis.

On September 3, 2020, at 2:00 p.m. ET, the District opened four sealed bids for the purchase of the sand pine pulpwood. The bids are contained in Table 2 below.

Table 1 – Timber Stand List for Econfina Creek 2021 Sand Pine Timber Sale

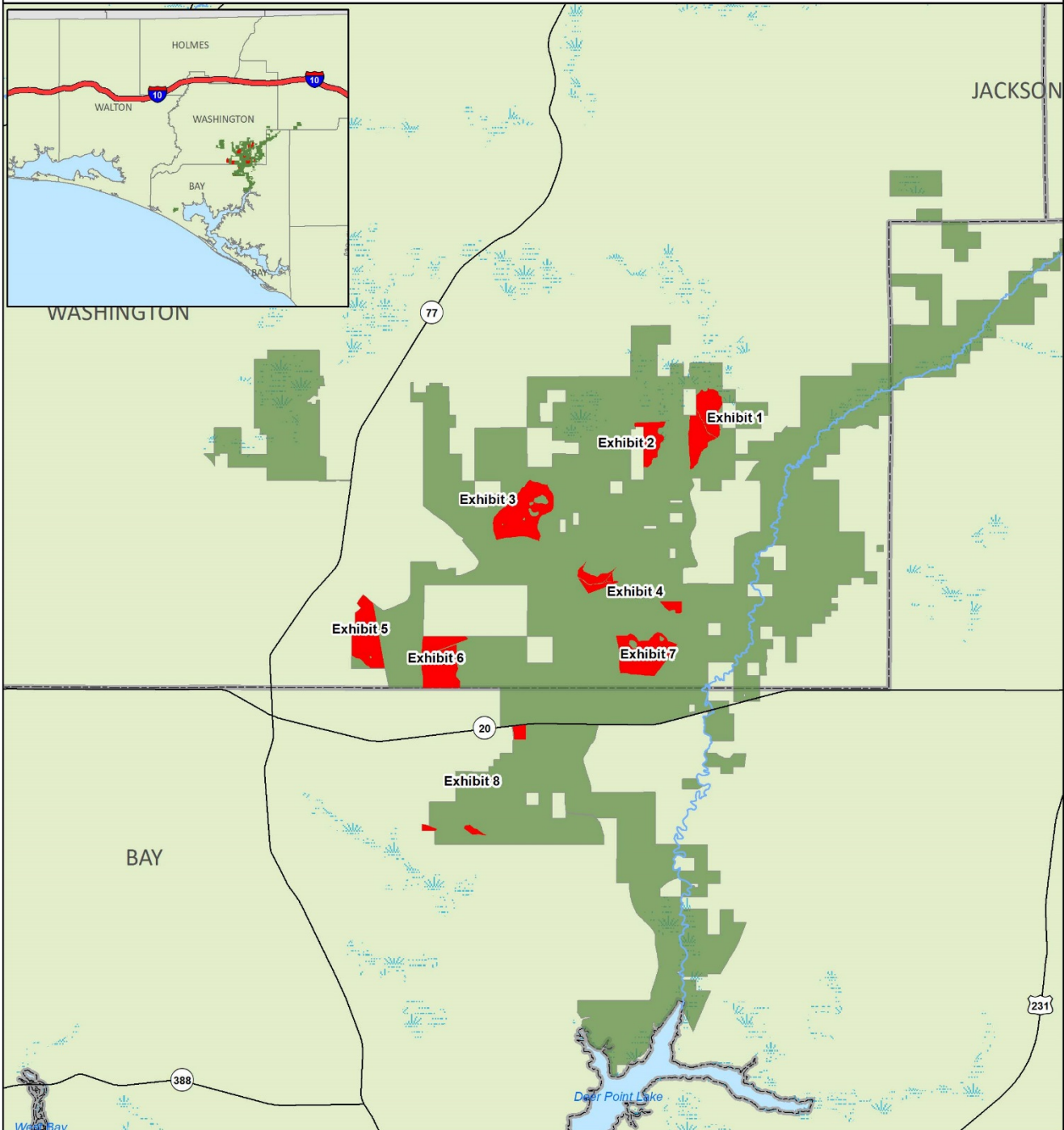
Timber Sale Unit & Map Number	NWFWMD Stand Numbers	County	Section; Township; Range	Acres
1	601110	Washington	4/9, T1N, R13W	388
2	602037	Washington	5/8, T1N, R13W	169
3	602080	Washington	13/14/23/24, T1N, R14W	513
4	602150	Washington	19 T1N, R13W & 24, T1N, R14W	165
	602253		19/30, T1N, R13W	
	602181		29, T1N, R13W	
5	602254	Washington	28/29/32/33, T1N, R14W	380
6	602255	Washington	33/34, T1N, R14W	438
7	602169	Washington	29/30/31/32, T1N, R13W	429
8	603026	Bay	2, T1S, R14W	82
	603072		15/16, T1S, R14W	
	603074		14/15, T1S, R14W	
TOTAL				2,564

Table 2 – Bids Received for Econfina Creek 2021 Sand Pine Timber Sale

Timber Sale Unit & Map Number	Bids Received – Pulpwood Per Ton Pricing by Timber Sale Unit*			
	Jubilee Timber Corp.	Cedar Creek Timber	Whitfield Timber Co.	DeerPoint Timber Products
1	No Bid	\$ 11.55	No Bid	\$ 11.00
2	\$ 7.57	\$ 9.05	\$ 6.00	No Bid
3	No Bid	\$ 15.55	\$ 12.62	\$ 12.75
4	\$ 10.57	\$ 15.15	\$ 12.62	\$ 12.75
5	\$ 12.07	\$ 10.70	\$ 12.62	\$ 13.00
6	No Bid	\$ 5.60	No Bid	\$ 11.20
7	\$ 9.57	\$ 9.05	\$ 7.00	\$ 12.00
8	No Bid	\$ 8.05	\$ 12.62	\$ 13.00

***Bold** bid amounts indicate the high bid for each timber stand and recommended award.

Exhibit Map A



General Location Map
 2021 Econfina Creek Sand Pine Timber Sale
 Econfina Creek Water Management Area
 Washington and Bay Counties, Florida
 2,564 Acres

■ Stands
■ District Lands

0 1.25 2.5 5 Miles



MEMORANDUM

TO: Northwest Florida Water Management District Governing Board

FROM: J. Breck Brannen, General Counsel

RE: Legal Counsel Report

DATE: September 14, 2020

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
Lyle Seigler, Chief of Staff

FROM: Wendy Dugan, Division of Administration Director

DATE: September 24, 2020

SUBJECTS: Adoption of the Millage Rate for Fiscal Year 2020-2021
Adoption of the Budget for Fiscal Year 2020-2021

Recommendation

Staff recommends the Governing Board approve the ad valorem tax millage rate of .0311 of a mill for Fiscal Year 2020-2021 by adoption of Resolution Number 876.

Background

During the first public hearing on September 10, 2020, the Governing Board adopted the Northwest Florida Water Management District's tentative ad valorem tax millage rate of .0311 of a mill and the Tentative Budget for Fiscal Year (FY) 2020-2021, and authorized staff to present the ad valorem millage rate and budget for final adoption by resolution on September 24, 2020, at this final public hearing via teleconference call.

Using the 2020 gross taxable value for operating purposes of \$121,281,842,838 and the proposed .0311 of a mill, which is the rolled-back rate, the Truth-In-Millage (TRIM) estimated total taxes to be levied in FY 2020-2021 is \$3,771,865. Compared to the FY 2019 TRIM estimate of \$3,688,171, there is an \$83,694 or 2.3 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, ad valorem is budgeted at \$3,587,899. This budgeted amount for FY 2020-2021 is 95.1 percent of the property appraiser estimate of \$3,771,865 and \$58,319 or 1.7 percent more than the amount budgeted in FY 2020-2021.

After formal adoption of the ad valorem tax millage rate, the Governing Board is authorized to adopt a budget for the District's 2020-2021 fiscal year.

Recommendation

Staff recommends the Governing Board adopt Resolution Number 877 adopting the Fiscal Year 2020-2021 budget as presented herein.

Background

The proposed FY 2020-2021 budget is \$89,609,657, which is a \$6,860,516 or 8.3 percent increase from the FY 2019-2020 budget. The increase is attributable to new state appropriated dollars to help communities implement alternative water supply and water resource development projects, in addition to funds for springs restoration and protection efforts. 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:

- \$51.6 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, Econfina Creek, and Holmes Creek.
- \$8.1 million for Watershed Restoration. This funding will facilitate continued efforts to protect and restore water quality and aquatic habitats through implementation of cooperative water quality improvement projects and best management practices. This funding will support stormwater retrofits benefitting St. Joseph Bay, Apalachicola Bay, and the St. Marks River watershed; implementation of innovative technology to address harmful algal blooms and nutrient enrichment in Lake Munson and the Wakulla Spring contribution area; and a dedicated assessment of water quality and freshwater inflow in St. Joseph Bay, Lake Wimico, and East Bay.
- \$7.7 million for Water Supply Development Assistance and Water Resource Development to continue support for cooperative projects across northwest Florida. This includes funding for alternative water supply development for cooperative, multijurisdictional efforts to expand the reuse of reclaimed water in northwest Florida. Planned water resource development includes an evaluation of groundwater resource alternatives in Gulf County.
- \$4.0 million for Hurricane Michael recovery efforts. This funding will be used for debris clean-up on District lands with a focus on those areas deemed catastrophically or severely damaged, reforestation, and repairs and maintenance efforts for public access and recreational amenities on District lands.
- \$2.1 million for data collection and minimum flow and minimum level technical assessments for Wakulla Spring; Sally Ward Spring; Jackson Blue Spring; the Floridan aquifer in coastal Okaloosa, Santa Rosa, and Walton counties; the Gainer Spring Group; Sylvan Spring Group; and Williford Spring Group.

Attachments:

Resolution Number 876, Resolution Number 877, 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. 876

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 2020-2021 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 .0311 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 2020-2021 budget is equal to the .0311 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 2020-2021 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 24th day of September 2020, A.D.

Time Adopted _____PM

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

ATTEST:

Chair

Acting Secretary-Treasurer

GEORGE ROBERTS
Chair
Panama City

JERRY PATE
Vice Chair
Pensacola

TED EVERETT
Chipley

NICK PATRONIS
Panama City

KELLIE RALSTON
Tallahassee



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. 877

Adoption of Fiscal Year 2020-2021 Budget

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

WHEREAS, the ensuing 2020-2021 fiscal year of the Northwest Florida Water Management District shall extend from October 1, 2020, through September 30, 2021; 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, the Governing Board of the District has adopted Resolution 876, which establishes the millage-levy for Fiscal Year 2020-2021; 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 Fiscal Year 2020-2021 budget of \$89,609,657.

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

1. The Fiscal Year Final 2020-2021 budget be adopted; and
2. This resolution will take effect immediately upon the adoption.

DULY ADOPTED at a public hearing this 24th day of September 2020, A.D.

Time Adopted _____PM

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

ATTEST:

Chair

Acting Secretary-Treasurer

GEORGE ROBERTS
Chair
Panama City

JERRY PATE
Vice Chair
Pensacola

TED EVERETT
Chipley

NICK PATRONIS
Panama City

KELLIE RALSTON
Tallahassee

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2020-2021 TENTATIVE BUDGET SUMMARY
OCTOBER 1, 2020 - SEPTEMBER 30, 2021**

Proposed Ad Valorem Millage Rate <ul style="list-style-type: none"> Proposed rate is equal to the rolled-back rate of .0311 of a mill, is 37.8% below the legally authorized rate of .0500 of a mill, and .0016 of a mill less than the .0327 millage rate in FY 2019-2020 Truth-In-Millage estimated ad valorem proceeds: 2019 DR-420 tax form: \$3,688,171 2020 DR-420 tax form: \$3,771,865 An increase of \$83,694 or 2.3% Ad valorem budgeted: FY 2019-2020: \$3,529,580 FY 2020-2021: \$3,587,899 An increase of \$58,319 or 1.7% (amounts differ from tax form figures, based on historical collections) 	.0311 of a mill
Total Expenditure Budget <ul style="list-style-type: none"> \$6,860,516 or 8.3% higher than FY 2019-2020 Amended Budget Includes \$48,991,784 for Interagency Expenditures/Grants Provides for 109.4 full-time equivalent positions, 100.0 authorized & 9.4 OPS; same as in FY 2019-2020 	\$89,609,657
Total Revenue Received/Earned <ul style="list-style-type: none"> \$32.5 million in new revenue \$54.0 million from prior years 	\$86,502,280
Estimated Use of Cash Carryover/Reserves	\$3,107,377

Budget by Program Area

1.0 Water Resources Planning and Monitoring	\$ 7,233,145	8.1%
2.0 Land Acquisition, Restoration and Public Works	\$69,227,458	77.3%
3.0 Operation and Maintenance of Lands and Works	\$ 7,048,616	7.9%
4.0 Regulation	\$ 3,880,386	4.3%
5.0 Outreach	\$ 136,457	0.2%
6.0 District Management and Administration	\$ 2,083,595	2.3%
	<u>\$89,609,657</u>	

The combined Outreach and Management and Administration budget is 2.5% of the total District Budget.

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2020-2021 TENTATIVE BUDGET COMPARISON
BY FUND**

DESCRIPTION	General Fund	Capital Improv & Lands Acq	Special Projects	Lands Management	Regulation	Mitigation	TOTAL
Cash Balances Brought Forward	14,357,942	307,364	3,434,563	3,251,408	2,922,404	2,426,204	26,699,885
<u>ESTIMATED REVENUES:</u>							
Ad Valorem Taxes (rolled back rate) .0311 mills	1,048,784		560,560		1,978,555		3,587,899
DEP - WML Trust Fund			1,118,440				1,118,440
DEP - Land Acquisition Trust Fund		12,867,848	39,049,008	1,586,943			53,503,799
Water Protection & Sustain. Pgm. Trust Fund			280,000				280,000
Florida Forever Trust Fund		264,135					264,135
Permitting and Licensing					437,500		437,500
Federal Grants			2,495,491	760,382			3,255,873
State Funds	349,531	84,008	11,523,604	4,029,377	1,930,080	1,093,158	19,009,758
Local Government Units			151,302	278			151,580
Miscellaneous Revenues		813,798	3,662,488	72,010	45,000	300,000	4,893,296
Interfund Transfers	<u>1,738,544</u>	<u>175,000</u>	<u>1,061,425</u>				<u>2,974,969</u>
Total Estimated Revenues, Transfers and Balances	<u>17,494,801</u>	<u>14,512,153</u>	<u>63,336,881</u>	<u>9,700,398</u>	<u>7,313,539</u>	<u>3,819,362</u>	<u>116,177,134</u>
<u>ESTIMATED EXPENDITURES:</u>							
Salaries & Benefits	1,948,890	57,682	2,407,155	1,321,483	2,787,173	296,304	8,818,687
Other Personal Services	236		43,216	37,583	273,210	1,995	356,240
Contractual Services	183,308	310,991	8,273,572	4,105,393	144,595	976,435	13,994,294
Operating Expenses	536,933	1,300	623,810	1,171,865	640,108	51,292	3,025,308
Capital Outlay	22,942	13,822,346	105,970	434,140	35,300	2,646	14,423,344
Grants and Aids	639,741		48,352,043				48,991,784
Reserves	12,924,867	307,364	3,001,386	2,161,129	2,771,558	2,426,204	23,592,508
Interfund Transfers	<u>1,237,884</u>	<u>12,470</u>	<u>529,729</u>	<u>468,805</u>	<u>661,595</u>	<u>64,486</u>	<u>2,974,969</u>
Total Operating Expenditures, Transfers and Reserves	<u>17,494,801</u>	<u>14,512,153</u>	<u>63,336,881</u>	<u>9,700,398</u>	<u>7,313,539</u>	<u>3,819,362</u>	<u>116,177,134</u>

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2020-2021 TENTATIVE BUDGET COMPARISON
REVENUE CATEGORIES**

	FY 2018-19 Actuals	FY 2019-20 Amended Budget	FY 2020-21 Tentative	Tentative O/(U) Amended Budget	
Ad Valorem Tax	3,455,534	3,529,580	3,587,899	58,319	1.7%
Federal Revenue	1,502,088	3,834,012	3,255,873	(578,139)	-15.1%
State Revenue	16,119,465	63,395,171	74,176,132	10,780,961	17.0%
Local Revenue	109,086	160,961	151,580	(9,381)	-5.8%
Permit Fees	506,480	355,642	437,500	81,858	23.0%
Timber Sales	199,238	0	0	0	0.0%
Miscellaneous	1,558,853	5,681,697	4,893,296	(788,401)	-13.9%
w/o Fund Balance	23,450,744	76,957,063	86,502,280	9,545,217	12.4%
Fund Balance	(919,331)	5,792,078	3,107,377	(2,684,701)	-46.4%
w/Fund Balance	22,531,413	82,749,141	89,609,657	6,860,516	8.3%

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2020-2021 TENTATIVE BUDGET COMPARISON
EXPENDITURE CATEGORIES**

	FY 2018-19 Actuals	FY 2019-20 Amended Budget	FY 2020-21 Tentative	Tentative O/(U) Amended Budget	
Salaries & Benefits	8,101,686	8,703,025	8,818,687	115,662	1.3%
Other Personal Services	248,978	366,778	356,240	(10,538)	-2.9%
Contracted Services	3,430,746	14,148,883	13,994,294	(154,589)	-1.1%
Operating Expense	2,173,884	3,093,457	3,025,308	(68,149)	-2.2%
Operating Capital Outlay	572,608	778,939	584,498	(194,441)	-25.0%
Operating Categories	14,527,902	27,091,082	26,779,027	(312,055)	-1.2%
Fixed Capital Outlay	1,192,916	15,176,578	13,838,846	(1,337,732)	-8.8%
Grants	6,810,595	40,481,481	48,991,784	8,510,303	21.0%
Non-Operating Categories	8,003,511	55,658,059	62,830,630	7,172,571	12.9%
GRAND TOTAL	22,531,413	82,749,141	89,609,657	6,860,516	8.3%

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
FY 2020-2021 TENTATIVE BUDGET COMPARISON
PROGRAM LEVEL**

Program	FY 2018-19	FY 2019-20	FY 2020-21	FY 2020-21	Tentative O/(U)		Tentative O/(U)	
	Actuals	Amended Budget	Preliminary	Tentative	Amended Budget		Preliminary Budget ¹	
1 Water Resource Plan & Monitoring	4,221,297	7,121,491	6,668,346	7,233,145	111,654	1.6%	564,799	8.5%
2 Land Acq, Restoration & Public Works	9,622,355	61,455,780	60,545,810	69,227,458	7,771,678	12.6%	8,681,648	14.3%
3 Operation & Maint of Works & Lands	3,523,610	8,085,098	3,974,090	7,048,616	(1,036,482)	-12.8%	3,074,526	77.4%
4 Regulation	3,145,179	3,883,337	3,892,880	3,880,386	(2,951)	-0.1%	(12,494)	-0.3%
5 Outreach	127,574	128,219	136,040	136,457	8,238	6.4%	417	0.3%
6 Management & Administration	1,891,398	2,075,216	2,054,627	2,083,595	8,379	0.4%	28,968	1.4%
GRAND TOTAL	22,531,413	82,749,141	77,271,793	89,609,657	6,860,516	8.3%	12,337,864	16.0%

Combined Outreach and Management & Administration as a Percent of Total Budget² 2,220,052 2.5%

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