

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

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

**Thursday  
September 11, 2014**

Governing Board Members Present

George Roberts, Chair  
Jerry Pate, Vice Chair  
John Alter  
Gary Clark  
Nick Patronis  
Bo Spring

Governing Board Members Absent

Gus Andrews  
Jon Costello

1. Call to Order and Roll Call

Chair Roberts called the meeting to order at 4:02 p.m., ET. Mr. Steverson called the roll and a quorum was declared present.

2. Invocation

Vice Chair Pate offered the invocation.

3. Pledge of Allegiance to the Flag

Chair Roberts led the meeting in the Pledge of Allegiance to the Flag.

4. Additions, Deletions or Changes to the Agenda

Ms. White stated that the Legal Counsel Report had been removed from the agenda.

5. Approval of Minutes for August 14, 2014

MOTIONED BY MR. CLARK, SECONDED BY MR. ALTER, THAT THE GOVERNING BOARD APPROVE THE AUGUST 14, 2014, GOVERNING BOARD MEETING MINUTES. MOTION CARRIED.

6. A. Consent Business Agenda

MOTIONED BY MR. SPRING, SECONDED BY MR. CLARK, THAT THE GOVERNING BOARD APPROVE THE FINANCIAL REPORT AND SCHEDULE OF DISBURSEMENTS FOR THE MONTH OF JULY 2014. MOTION CARRIED.

6. B. Consideration of Resolution No. 788 Amending the Fiscal Year 2013-2014 Budget

MOTIONED BY MR. CLARK, SECONDED BY MR. SPRING, THAT THE GOVERNING BOARD APPROVE RESOLUTION NO. 788 AMENDING THE FISCAL YEAR 2013-2014 BUDGET AND ALLOW STAFF TO REALIGN REVENUES AND RESERVES TO MAINTAIN THE PROPER BALANCE IN EACH FUND. MOTION CARRIED.

6. C. Consideration of Resolution No. 789 Committing the Fiscal Year 2013-2014 Fund Balances as Required by GASB 54

MOTIONED BY MR. ALTER, SECONDED BY MR. PATRONIS, THAT THE GOVERNING BOARD APPROVE RESOLUTION NO. 789 COMMITTING FISCAL YEAR 2013-2014 FUND BALANCES AS REQUIRED BY GASB 54. MOTION CARRIED.

6. D. Consideration of Bay County Contract for Deerpoint Watershed Monitoring

MOTIONED BY MR. CLARK, SECONDED BY MR. ALTER, THAT THE GOVERNING BOARD APPROVE OF REVENUE CONTRACT 15-003 WITH BAY COUNTY FOR SURFACE WATER DISCHARGE AND RAINFALL MONITORING IN THE DEER POINT LAKE WATERSHED IN THE AMOUNT OF \$96,153 FOR THE PURPOSE OF RESOURCE MANAGEMENT, FLOOD WARNING, AND IMPROVING SURFACE WATER QUALITY. MOTION CARRIED.

6. E. Consideration of Joint Funding Agreement with the U.S. Geological Survey for Surface Water Monitoring

MOTIONED BY VICE CHAIR PATE, SECONDED BY MR. CLARK, THAT THE GOVERNING BOARD APPROVE OF THE JOINT FUNDING AGREEMENT FOR THE AMOUNT OF \$170,900 WITH THE USGS FOR CONTINUATION OF STAGE AND DISCHARGE MONITORING AT TELOGIA CREEK, APALACHICOLA RIVER AT SUMATRA, APALACHICOLA RIVER AT CHATTAHOOCHEE, YELLOW RIVER AT SR87, AND SPRING CREEK. THE AGREEMENT ALSO FUNDS THE INITIATION OF STAGE AND DISCHARGE DATA COLLECTION AT FIVE NEW SITES IN SUPPORT OF THE DISTRICT'S MFL PROGRAMS AT WAKULLA SPRINGS AND ST. MARKS RIVER RISE. MOTION CARRIED.

6. F. Rulemaking: Lobbyist Registration Procedures Required by Florida Statute 112.3261

MOTIONED BY MR. CLARK, SECONDED BY VICE CHAIR PATE, THAT THE GOVERNING BOARD APPROVE THE DISTRICT'S LOBBYIST REGISTRATION PROCEDURES AND AUTHORIZE STAFF TO SUBMIT THE NOTICE OF RULE DEVELOPMENT AND NOTICE OF PROPOSED RULE TO THE REQUIRED PARTIES. MOTION CARRIED.

7. A. Phase I Pine Timber Inventory Results; Econfina Creek WMA

Informational purposes only.

7. B. Williford Spring Construction Update; Econfina Creek WMA

Informational purposes only.

8. Legal Counsel Report

The Legal Counsel Report was removed from the agenda.

9. Public Hearing on Consideration of Regulatory Matters

Chair Roberts called the Public Hearing to order at 4:49 p.m., ET.

MOTIONED BY MR. CLARK, SECONDED BY VICE CHAIR PATE, THAT THE GOVERNING BOARD

APPROVE THE CONSENT AGENDA PER THE RECOMMENDATIONS AND CONDITIONS OF THE STAFF REPORTS AND PER THE TERMS AND CONDITIONS OF THE PERMIT DOCUMENTS. MOTION CARRIED.

10. Public Hearing on Fiscal Year 2014-2015 Budget

Chair Roberts called the Public Hearing to order at 5:08 p.m., ET.

MOTIONED BY VICE CHAIR PATE, SECONDED BY MR. SPRING, THAT THE GOVERNING BOARD ADOPT THE TENTATIVE PROPOSED MILLAGE RATE OF .039 OF A MILL FOR FISCAL YEAR 2014-2015 AND AUTHORIZE STAFF TO PRESENT IT FOR FINAL ADOPTION AT THE PUBLIC BUDGET HEARING TO BE HELD ON SEPTEMBER 25, 2014, IN PANAMA CITY. MOTION CARRIED.

MOTIONED BY MR. CLARK, SECONDED BY MR. PATRONIS, THAT THE GOVERNING BOARD ADOPT THE TENTATIVE BUDGET FOR THE DISTRICT'S 2014-2015 FISCAL YEAR AND AUTHORIZE STAFF TO PRESENT IT FOR FINAL ADOPTION AT THE PUBLIC HEARING TO BE HELD ON SEPTEMBER 25, 2014, AT THE GULF COAST STATE COLLEGE IN PANAMA CITY.

Meeting was adjourned at 5:11 p.m., ET.

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT  
FINAL PUBLIC HEARING ON FISCAL YEAR 2014-2015 BUDGET  
MEETING MINUTES**

**Gulf Coast State College  
5230 West Highway 98  
Panama City, FL 32401**

**Thursday  
September 25, 2014**

Governing Board Members Present

George Roberts, Chair  
Gus Andrews  
Gary Clark  
Jon Costello  
Nick Patronis  
Bo Spring

Governing Board Members Absent

Jerry Pate, Vice Chair  
John Alter

1. Call to Order and Roll Call

Chair Roberts called the meeting to order at 5:09 p.m., CT. Mr. Steverson called the roll and a quorum was declared present.

2. Invocation

Chair Roberts offered the invocation.

3. Pledge of Allegiance to the Flag

Chair Roberts led the meeting in the Pledge of Allegiance to the Flag.

4. Additions, Deletions or Changes to the Agenda

Ms. White stated that there were no changes made to the Agenda.

5. Consideration of Adoption of the Millage Rate for Fiscal Year 2014-2015

MOTIONED BY MR. CLARK, SECONDED BY MR. COSTELLO, THAT THE GOVERNING BOARD APPROVE THE AD VALOREM TAX MILLAGE RATE OF .039 OF A MILL FOR THE 2014-2015 FISCAL YEAR BY ADOPTION OF RESOLUTION NUMBER 790. MOTION CARRIED.

6. Consideration of Adoption of the Budget for Fiscal Year 2014-2015

MOTION BY MR. SPRING, SECONDED BY MR. ANDREWS, THAT THE GOVERNING BOARD ADOPT RESOLUTION NUMBER 791 ADOPTING THE FISCAL YEAR 2014-2015 BUDGET AS PRESENTED HEREIN. MOTION CARRIED.

Meeting was adjourned at 5:13 p.m., CT.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT  
Financial Report  
Summary Statement of Receipts, Disbursements & Cash Balances  
For Month Ending August 31, 2014

Balance Forward - Operating Funds \$63,582,879.66

Operating Funds Received in current month:

Revenue Receipts, Current	\$43,660.73	
Contracts Receivable	395,429.77	
Other Deposits/Refunds/Adjustments	18,442.39	
Transfers from Lands Accounts	0.00	
Total Deposits during month	457,532.89	457,532.89

Total Deposits and Balance Forward \$ 64,040,412.55

Disbursements:

Employee Salaries	414,492.33	
Employee Benefits	190,674.37	
Employee Flexible Spending Account	0.00	
Contractual Services (Professional)	282,936.64	
Operating Expenses - Services	114,709.81	
Operating Expenses - Commodities	53,778.66	
Operating Capital Outlay	257,669.30	
Grants and Aids	57,526.70	
Total Operating Expenses during month	1,371,787.81	
Payables, Prior Year	0.00	
Other Disbursements or (Credits)	63,936.97	
Total Funds Disbursed by check during month	1,435,724.78	
Bank Debits (Fees, Deposit Slips, etc.)	30.00	
Transfer to Land Acquisition Account	0.00	

Total Funds Disbursed 1,435,754.78

Cash Balance Operating Funds at month end \$ 62,604,657.77

Operating Depositories:

Petty Cash Fund	250.25	
General Fund Checking @ 0.2%	271,260.84	
Payroll Account	1,892.97	
Pensacola Account	140.00	
Investment Accounts @ 0.16%		
General Fund	29,565,950.23	
Lands Fee Fund	8,933,077.07	
SWIM Fund	5,405,727.90	
ETDM	3,220.14	
Water Prot. & Sust. TF	4,246.32	
Springs Protection	603,283.31	
Mitigation Fund	17,791,777.61	
Deposits Frozen	23,831.13	

Total Operating Depositories at month end \$ 62,604,657.77

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT  
Financial Report  
Summary Statement of Receipts, Disbursements & Cash Balances  
For Month Ending August 31, 2014

Land Acquisition Fund @ 0.16%	\$ 660,392.83	
Deposits Frozen	<u>1,363.11</u>	
Total Land Acquisition Funds		661,755.94
Restricted Management Funds:		
Phipps Land Mgmt @ 0.16%	206,851.76	
Deposits Frozen	<u>170.68</u>	
Total Land Acquisition Funds		207,022.44
Total Land Acquisition, and Restricted Management Funds		<u>868,778.38</u>
TOTAL OPERATING, LAND ACQUISITION, & RESTRICTED FUNDS AT MONTH END		<u><u>\$ 63,473,436.15</u></u>

Approved: \_\_\_\_\_  
Chairman or Executive Director

Date: October 9, 2014

**Northwest Florida Water Management District**  
**Statement of Sources and Uses of Funds**  
**For the Period ending August 31, 2014**  
**(Unaudited)**

	<b>Current Budget</b>	<b>Actuals Through 8/31/2014</b>	<b>Variance (under)/Over Budget</b>	<b>Actuals As A % of Budget</b>
<b>Sources</b>				
Ad Valorem Property Taxes	\$ 3,329,001	\$ 3,240,144	\$ (88,857)	97%
Intergovernmental Revenues	24,998,910	9,144,332	(15,854,578)	37%
Interest on Invested Funds	130,830	82,057	(48,773)	63%
License and Permit Fees	350,250	296,245	(54,005)	85%
Other	2,323,050	1,422,150	(900,900)	61%
Fund Balance	44,814,099		(44,814,099)	0%
<b>Total Sources</b>	<b>\$ 75,946,140</b>	<b>\$ 14,184,929</b>	<b>\$ (61,761,211)</b>	<b>19%</b>

	<b>Current Budget</b>	<b>Expenditures</b>	<b>Encumbrances <sup>1</sup></b>	<b>Available Budget</b>	<b>%Expended</b>	<b>%Obligated <sup>2</sup></b>
<b>Uses</b>						
Water Resources Planning and Monitoring	\$ 6,218,603	\$ 2,876,026	\$ 137,408	\$ 3,205,169	46%	48%
Acquisition, Restoration and Public Works	31,443,767	7,971,748	211,681	23,260,339	25%	26%
Operation and Maintenance of Lands and Works	3,688,130	2,388,654	199,445	1,100,031	65%	70%
Regulation	3,965,332	2,926,649	132,743	905,939	74%	77%
Outreach	168,044	125,848	530	41,666	75%	75%
Management and Administration	2,845,211	2,134,005	60,592	650,614	75%	77%
<b>Total Uses</b>	<b>\$ 48,329,087</b>	<b>\$ 18,422,930</b>	<b>\$ 742,398</b>	<b>\$ 29,163,759</b>	<b>38%</b>	<b>40%</b>
Reserves	27,617,053			27,617,053	0%	0%
<b>Total Uses and Reserves</b>	<b>\$ 75,946,140</b>	<b>\$ 18,422,930</b>	<b>\$ 742,398</b>	<b>\$ 56,780,812</b>	<b>24%</b>	<b>25%</b>

<sup>1</sup> Encumbrances represent unexpended balances of open purchase orders.

<sup>2</sup> Represents the sum of expenditures and encumbrances as a percentage of the available budget.

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

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

GENERAL FUND

AUGUST 2014

EFT CHECKS	8/1/2014	758.00
CHECKS	8/6/2014	252,322.69
AP EFT CHECKS	8/8/2014	1,403.92
CHECKS	8/13/2014	94,803.72
CHECKS	8/21/2014	192,573.71
AP EFT CHECKS	8/22/2014	115.00
CHECKS	8/27/2014	403,818.04
AP EFT CHECKS	8/29/2014	512.00
RETIREMENT EFT		59,463.27
VOIDED CHECK	8/5/2014	(189.43)
		<hr/>
		\$ <u><u>1,005,580.92</u></u>

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Chairman or Executive Director

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October 9, 2014  
Date



## NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

## COMPUTER PAID/EFT CHECK REGISTER

VENDOR	NAME	INVOICE NET	CHECK DATE	INVOICE DESCRIPTION
4522	AECOM TECHNICAL SERVICES, INC	8,037.00	8/6/2014	FEMA MAP MODERNIZATION - TECHN
5101	JAMES F AKERS	5,925.00	8/6/2014	NWFWMD WEB SITE PHASE 2
5101	JAMES F AKERS	3,600.00	8/6/2014	NWFWMD WEB SITE MAINTENANCE
5035	JOHN BOWDEN	450.00	8/6/2014	REPAIR BRICK, EXIT DOOR FOR BO
5177	CAPITAL CITY AUTOMOTIVE, LLC	405.00	8/6/2014	REPAIR DENT, VEH#WMD96206-POOL
4655	CITY OF GRETNA	7,500.00	8/6/2014	WATER SYSTEM UPGRADES
4655	CITY OF GRETNA	15,000.00	8/6/2014	WATER SYSTEM UPGRADES
771	CITY OF MARIANNA	32.92	8/6/2014	MFO WATER/SEWER
5095	CITY OF MONTICELLO	3,500.00	8/6/2014	U HWY 19 WATER LINE EXTENSION
4061	BRIAN WILLIAM TAYLOR	80.00	8/6/2014	LAWNCARE-MARIANNA
4710	CROP PRODUCTION SERVICES	1,542.50	8/6/2014	HERBICIDE FOR EXOTIC CONTROL I
1948	DELL MARKETING L.P.	1,114.01	8/6/2014	LAPTOP FOR POOL
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	30.00	8/6/2014	MONITORING FOR CRESTVIEW
35	GOODYEAR TIRE AND RUBBER COMPANY	728.76	8/6/2014	TIRES -VEHICLE #0932, ECONFINA
4607	MAIL FINANCE INC	259.00	8/6/2014	MAILING SYSTEM LEASE FOR CARR,
3003	HAVANA FORD, INC.	76.92	8/6/2014	FLEET SERVICES
3003	HAVANA FORD, INC.	975.31	8/6/2014	A/C REPAIR VEH #2437-RMD
247	HOLMES COUNTY TAX COLLECTOR	5.49	8/6/2014	REFUND OF TAXES
2268	INNOVATIVE OFFICE SOLUTIONS, INC	918.00	8/6/2014	R&M PHONE
4187	INTERA, INC.	7,107.21	8/6/2014	MINIMUM FLOWS AND LEVELS
419	J. H. DOWLING, INC.	755.45	8/6/2014	EROSION CONTROL MATERIALS
4921	JACKSON COUNTY UTILITIES	29.00	8/6/2014	MFO WATER
61	JACKSON COUNTY FLORIDAN	112.30	8/6/2014	LEGAL AD
5120	JOHNSONS AUTO REPAIR, INC.	514.80	8/6/2014	SERVICE-LOF AND BREAK REPAIR O
5120	JOHNSONS AUTO REPAIR, INC.	38.27	8/6/2014	OPEN PURCHASE ORDER FOR POOL V
5120	JOHNSONS AUTO REPAIR, INC.	72.71	8/6/2014	OPEN PURCHASE ORDER-ERP CARR
698	KONICA MINOLTA BUSINESS SOLUTIONS USA	724.53	8/6/2014	ADMIN COPIER LEASE
3921	KOUNTRY RENTAL, INC.	4,118.00	8/6/2014	RENTAL AND SERVICE OF PORTABLE
2299	LIBERTY COUNTY SOLID WASTE	28.00	8/6/2014	SOLID WASTE FL RIVER
4695	LINDLS ELECTRIC MOTOR SERVICE, INC.	425.00	8/6/2014	WINCH REPAIRS
3266	LOWES COMPANIES INC.	110.18	8/6/2014	BUILDING AND SAFETY SUPPLIES
3266	LOWES COMPANIES INC.	355.86	8/6/2014	BOARDROOM RENOVATIONS
4854	PANHANDLE STUMP & TREE SERVICE, INC.	1,550.00	8/6/2014	HAZARDDOUS TREE REMOVAL

## NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

## COMPUTER PAID/EFT CHECK REGISTER

3813	PENNINGTON, P.A.	8,456.00	8/6/2014	LEGAL FEES
4081	POT-O-GOLD RENTALS, LLC	1,382.50	8/6/2014	PORTABLE TOILETS
4136	RICOH AMERICAS CORPORATION	2,058.39	8/6/2014	RICOH COPIER
4228	SOWELL TRACTOR CO., INC.	138.98	8/6/2014	POLESAW REPAIRS/SERVICE
4228	SOWELL TRACTOR CO., INC.	136.98	8/6/2014	POLESAW REPAIRS/SERVICE
4228	SOWELL TRACTOR CO., INC.	232.62	8/6/2014	MOWER/CHAINSAW/BLOWER PARTS
5156	SPERRY & ASSOCIATES, INC.	120,499.78	8/6/2014	ECONFINA SPRINGS COMPLEX-SPRIN
4799	STAPLES CONTRACT & COMMERCIAL, INC.	472.25	8/6/2014	HP TONER CARTRIDGES 304A (CC53
4799	STAPLES CONTRACT & COMMERCIAL, INC.	79.73	8/6/2014	TONER FOR MS. AMANDAS PRINTER
110	TALQUIN ELECTRIC COOPERATIVE, INC.	115.11	8/6/2014	WATER HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	87.17	8/6/2014	SECURITY LIGHTS HQ
110	TALQUIN ELECTRIC COOPERATIVE, INC.	4,935.65	8/6/2014	ELEC. HQ
5102	TEKSYSTEMS	1,347.50	8/6/2014	TEKSYSTEMS HELP DESK STAFFING
4955	TERRYS HOME & LAWN MAINTENANCE, INC.	4,190.00	8/6/2014	PUBLIC RECREATION SITE CLEAN U
3180	WASHINGTON COUNTY TAX COLLECTOR	41,344.78	8/6/2014	PAYMENTS IN LIEU OF TAXES
1305	WASTE MANAGEMENT - LEON COUNTY, INC	54.44	8/6/2014	SOLID WASTE MFO
1305	WASTE MANAGEMENT - LEON COUNTY, INC	140.00	8/6/2014	SOLID WASTE EFO
4626	WASTE PRO OF FLORIDA, INC	149.84	8/6/2014	SOLID WASTE HQ
4774	JOHN T WILLIAMSON	165.00	8/6/2014	JANITORIAL SERVICES FOR THE WF
4651	PANAMA CITY CYCLES, INC	214.75	8/6/2014	REPAIR FOR BOMNARDIER 650 QUES
<b>TOTAL CHECKS</b>		<b><u>252,322.69</u></b>		
5032	WILLIAM HUNKAPILLER	117.61	8/8/2014	EMPLOYEE TRAVEL
5012	JENNIFER K. KELLY	526.83	8/8/2014	EMPLOYEE TRAVEL
2516	HAINES J. LAYFIELD JR.	110.00	8/8/2014	EMPLOYEE TRAVEL
4934	JON STEVERSON	649.48	8/8/2014	EMPLOYEE TRAVEL
<b>TOTAL ACH TRANSFER</b>		<b>1,403.92</b>		
<b>TOTAL AP</b>		<b><u><u>253,726.61</u></u></b>		

## NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

## COMPUTER PAID/EFT CHECK REGISTER

VENDOR	NAME	INVOICE NET	CHECK DATE	INVOICE DESCRIPTION
4812	ALL AMERICAN RENTALS, INC.	140.00	08/13/2014	PORTABLE TOILETS
4812	ALL AMERICAN RENTALS, INC.	140.00	08/13/2014	PORTABLE TOILETS
3	AMERICAN PUMP AND SUPPLY	581.21	08/13/2014	MONITORING STATION CONSTRUCTIO
96	APALACHICOLA/CARRABELLE TIMES	70.45	08/13/2014	LEGAL AD
4778	BENSON'S HEATING AND AIR CONDITIONING, INC.	1,668.02	08/13/2014	A/C REPAIR IN HR OFFICE--HQ
4778	BENSON'S HEATING AND AIR CONDITIONING, INC.	286.64	08/13/2014	A/C REPAIR IN HR OFFICE--HQ
4778	BENSON'S HEATING AND AIR CONDITIONING, INC.	447.75	08/13/2014	SERVICE A/C UNIT EXCEUTIVE OFF
1948	DELL MARKETING L.P.	351.98	08/13/2014	DOCKING STATION/COMPUTER UPGRA
1948	DELL MARKETING L.P.	4,446.00	08/13/2014	DOCKING STATION/COMPUTER UPGRA
1948	DELL MARKETING L.P.	39,531.05	08/13/2014	NEW SAN SERVER
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	1,488.45	08/13/2014	LABORATORY ANALYSIS - ECONFINA
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	265.05	08/13/2014	LABORATORY ANALYSIS - GULF AME
1859	FL DEPT. OF ENVIRONMENTAL PROTECTION	4,372.80	08/13/2014	LABORATORY ANALYSIS - GROUNDWA
2241	DEPT. OF THE INTERIOR - USGS	2,000.00	08/13/2014	STATEWIDE ET DATA COLLECTION
45	DMS	8.19	08/13/2014	WEB SERVER
45	DMS	144.00	08/13/2014	WEB SERVER
4796	DOLOMITE, INC	14,795.04	08/13/2014	LIMEROCK FOR TATES HELL LOW WA
4748	EAST MILTON WATER SYSTEM	140.53	08/13/2014	MILTON WATER/SEWER
2972	EDWARDS FIRE PROTECTION, INC.	317.52	08/13/2014	FIRE EXTINGUSHER INSPECTION- E
4855	ENVIRON SERVICES INCORPORATED	1,552.00	08/13/2014	ENVIRON SERVICES-HQ JANITORIAL
2787	JOYCE S. ESTES	77.43	08/13/2014	BOARD TRAVEL
1746	FRANKLIN COUNTY TAX COLLECTOR	5.28	08/13/2014	REFUND OF TAXES
5172	FREDDIE WILBON	937.50	08/13/2014	JANITORIAL SERVICES FOR CRESTV
3078	GEORGIA-FLORIDA BURGLAR ALARM CO, INC	414.90	08/13/2014	REPLACE CARD READER, CRESTVIEW
916	GULF POWER COMPANY	819.98	08/13/2014	CFO ELECTRIC
916	GULF POWER COMPANY	619.58	08/13/2014	MILTON ELECTRIC
4607	MAIL FINANCE INC	126.00	08/13/2014	MAILING SYSTEM LEASE FOR CARR,
4607	MAIL FINANCE INC	126.00	08/13/2014	MAILING SYSTEM LEASE FOR CARR,
3003	HAVANA FORD, INC.	819.07	08/13/2014	REPAIR VEH #96203
3003	HAVANA FORD, INC.	52.98	08/13/2014	FLEET SERVICES
3942	A & W VENTURES, L.C.	151.34	08/13/2014	PORTABLE TOILET FOR PHIPPS PAR
3193	INSURANCE INFORMATION EXCHANGE	48.80	08/13/2014	BACKGROUND INVESTIGATIONS
5120	JOHNSON'S AUTO REPAIR, INC.	436.00	08/13/2014	FRONT BREAK REPLACEMENT ON WMD
4952	LAW, REDD, CRONA & MUNROE, P.A.	762.00	08/13/2014	INSPECTOR GENERAL SERVICES ENG

## NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT AP

## COMPUTER PAID/EFT CHECK REGISTER

4600	MYTHICS, INC.	5,353.83	08/13/2014	ORACLE COMPONENTS TO MOVE REG
3198	MILTON AUTO PARTS, INC.	129.17	08/13/2014	SHOP SUPPLIES, HYDRO OIL, MIRRO
1205	OFFICE DEPOT, INC.	11.19	08/13/2014	OFFICE SUPPLIES
64	PANAMA CITY NEWS HERALD	103.28	08/13/2014	LEGAL AD
64	PANAMA CITY NEWS HERALD	125.96	08/13/2014	LEGAL AD
4294	PANHANDLE KEY & SAFE, INC.	754.20	08/13/2014	MASTER LOCKS ( COMBO)
4601	PORTLAND LUMBER YARD, INC	2,394.13	08/13/2014	SIGN FRAME MATERIALS
4799	STAPLES CONTRACT & COMMERCIAL, INC.	6.41	08/13/2014	12 STAPLES WHITE MAILING TUBES
4799	STAPLES CONTRACT & COMMERCIAL, INC.	9.03	08/13/2014	UPS FOR IT STAFF
4799	STAPLES CONTRACT & COMMERCIAL, INC.	2.06	08/13/2014	UPS FOR IT STAFF
342	THE STAR	71.30	08/13/2014	LEGAL AD
107	TALLAHASSEE STAMP CO.	15.55	08/13/2014	AUDITED BY STAMP
5140	TOWN OF GREENWOOD	4,922.75	08/13/2014	GREENWOOD/MARIANNA INTERCONNEC
4289	TRI STATE EMPLOYMENT SERVICE, INC.	62.00	08/13/2014	TEMP SERVICES
4289	TRI STATE EMPLOYMENT SERVICE, INC.	543.13	08/13/2014	TEMP SERVICES
4289	TRI STATE EMPLOYMENT SERVICE, INC.	550.00	08/13/2014	TEMP SERVICES
2855	UNIVERSITY OF FLORIDA - INSTITUTE OF	245.53	08/13/2014	WIREGRASS RESEARCH
4557	VERIZON WIRELESS	649.26	08/13/2014	BB&AIR CARDS
5015	WESTON TRAWICK, INC.	711.40	08/13/2014	ELECTRICAL AND DATA CABLE INST
<b>TOTAL AP</b>		<b><u>94,803.72</u></b>		

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE OF DISBURSEMENTS

PAYROLL

AUGUST 2014

DIRECT DEPOSIT	08/08/2014	211,013.17
CHECKS	08/08/2014	8,054.57
FLEX SPENDING TF	TF0154	1,573.00
DIRECT DEPOSIT	08/19/2014	199,875.52
CHECKS	08/19/2014	8,054.57
FLEX SPENDING TF	TF0157	1,573.00

430,143.83

APPROVED:

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Chairman or Executive Director

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October 9, 2014

Date

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT  
M E M O R A N D U M

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director

FROM: Wendy Dugan, Director  
Division of Administration

DATE: September 19, 2014

SUBJECT: Consideration of Resolution No. 792 Request for Release of Water Management  
Lands Trust Fund Appropriations

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Resolution No. 792 requests the release of funds from the Department of Environmental Protection, which were appropriated in the State 2014-2015 General Appropriations Act. Funds provided include the recurring amounts of \$1,851,231 for environmental resource permitting activities and \$3,360,000 for operations. The District's FY 2014-2015 Adopted Budget further clarifies that \$360,000 of the funds for operations is specifically for wetlands protection and potable well groundwater contamination programs.

Recommendation

Staff recommends the Governing Board approve Resolution No. 792 to request the Secretary of the Department of Environmental Protection to release funds from the Water Management Lands Trust Fund in the amount of \$5,211,231.



Jonathan P. Stevenson  
Executive Director

# Northwest Florida Water Management District

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

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

## RESOLUTION NO. 792

### REQUEST FOR MONIES FOR NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT FROM THE WATER MANAGEMENT LANDS TRUST FUND

**WHEREAS**, the Legislature recognizes that the District's ad valorem tax millage rate cap of 0.05 mills is insufficient to fund the Environmental Resource Permitting activities and Operations of the District; and

**WHEREAS**, the Legislature provided in the fiscal year 2014-2015 General Appropriations Act line items No. 1620A and 1621A funds necessary to administer the District's Environmental Resource Permitting activities and assist with the Operations of the District; and

**WHEREAS**, the total amount of money available to the District from the Department of Environmental Protection's Water Management Lands Trust Fund in state fiscal year 2014-2015 for Environmental Resource Permitting activities is one million eight hundred fifty one thousand two hundred thirty one dollars (\$1,851,231) and three million three hundred thousand sixty dollars for Operations of the District (\$3,360,000); and

**WHEREAS**, the District has budgeted funds using the monies provided for Environmental Resource Permitting activities and Operations of the District in fiscal year 2014-2015, further clarifying that \$360,000 of the funds for Operations is specifically for wetlands protection and potable well groundwater contamination programs; and

**WHEREAS**, the District realizes that the funds provided are available and will invoice the Department of Environmental Protection to obtain these funds; and

**NOW THEREFORE**, be it resolved that the Governing Board of the Northwest Florida Water Management District hereby requests that the Secretary of the Department of Environmental Protection release from the Water Management Lands Trust Fund the amount of five million two hundred eleven thousand two hundred thirty one dollars (\$5,211,231); and

**BE IT FURTHER RESOLVED** that this resolution be transmitted to the Secretary of the Department of Environmental Protection; and

**BE IT FURTHER RESOLVED** that the Chairman of the Governing Board is authorized to affix his signature to this resolution on behalf of the Board and attested by its Secretary.

GEORGE ROBERTS  
Chair  
Panama City

JERRY PATE  
Vice Chair  
Pensacola

JOHN ALTER  
Malone

GUS ANDREWS  
DeFuniak Springs

GARY CLARK  
Chipley

JON COSTELLO  
Tallahassee

NICK PATRONIS  
Panama City Beach

BO SPRING  
Port Saint Joe

**PASSED AND ADOPTED** this 9<sup>th</sup> day of October, 2014, A.D.

The Governing Board of the  
NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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George Roberts, Chair

**ATTEST:**

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Jon Steverson, Acting Secretary/Treasurer



# NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

## MEMORANDUM

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director  
Brett Cyphers, Assistant Executive Director  
W. Guy Gowens, Director, Division of Resource Management

FROM: Kris Barrios, Manager, Field Services Section

DATE: September 24, 2014

SUBJECT: Consideration of Amendment #1 to FDEP Contract G0373 for the Surface Water Temporal Variability Network (SWTV)

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### Recommendation:

Staff recommends approval of Amendment #1 to the Surface Water Temporal Variability Network (SWTV) Contract G0373 with the Florida Department of Environmental Protection (DEP) for the purpose of monitoring water quality in the District's rivers and major creeks.

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### Discussion:

The District has participated in an ambient surface water quality assessment program for the past 22 years with DEP. The purpose of the program is to provide surface water quality data for assessment of long term water quality trends on major streams and rivers in the District. The data is used by DEP and the District to develop management strategies that will improve surface water quality and minimize negative impacts on surface water resources. The funds for the program are provided by a grant from the U.S. Environmental Protection Agency to DEP for the purpose of monitoring and improving surface water quality throughout the State of Florida.

The revenue for this program for Fiscal Year 2014-2015 is based on a fee/reimbursement schedule not to exceed \$120,300.00. Water quality samples will be collected monthly from 26 stream and river sites. Biologic Habitat samples will be collected biannually from 24 stream and river sites. All laboratory analytical costs will be paid for by DEP.

DEP AGREEMENT NO. G0373  
AMENDMENT NO. 1

THIS AGREEMENT as entered into on the 6<sup>th</sup> day of December, 2013, between the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (hereinafter referred to as the "Department") and the NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT, (hereinafter referred to as the "Grantee") is hereby amended.

WHEREAS, to allow for the collection of an additional 425 samples, the Grantee has requested an increase in funding for an additional service period; and

WHEREAS, other changes to the Agreement are necessary.

NOW, THEREFORE, the parties hereto agree as follows:

-- Paragraph 2. is hereby revised to change the completion date of the Agreement to September 30, 2015.

-- Paragraph 3.A. is hereby deleted in its entirety and replaced with the following:

A. As consideration for the services rendered by the Grantee under the terms of this Agreement, the Department shall pay the Grantee on a fee schedule basis in an amount not to exceed \$121,213.75 for the first period of service from October 1, 2013, to September 30, 2014, and \$120,300.00 for the second period of service from October 1, 2014, to September 30, 2015. Maximum compensation under this Agreement shall not exceed \$241,513.75 (an increase of \$120,300.00). Funding for each authorized additional period of service shall be added to the Agreement by formal amendment.

-- Paragraph 3.B. the date for the final payment request is hereby changed to October 15, 2015.

-- Paragraph 3. H. is hereby deleted in its entirety and replaced with the following:

H. The table below identifies the funding supporting this Agreement and EPA Grants providing the funds:

Federal Funding Source	CFDA	Program Title	Funding Amount
C6-00476014-0	66.454	Water Quality Management Planning	\$121,213.75
C6-00476014-2	66.454	Water Quality Management Planning	\$120,300.00
Total Funding:			\$241,513.75

-- **Attachment A-1, Supplemental Grant Work Plan**, attached hereto is hereby added to the Agreement. All references in the Agreement to Attachment A shall hereinafter refer to Attachments A and A-1, respectively.

-- **Attachment B-1, Supplemental Sample Payment Request Summary Form**, attached hereto is hereby added to the Agreement. All references in the Agreement to Attachment B shall hereinafter refer to Attachments B and B-1, respectively.

-- Attachment E, Special Audit Requirements, is hereby deleted in its entirety and replaced with **Attachment E-1, Revised Special Audit Requirements**, attached hereto and made a part of the Agreement. All references in the Agreement to Attachment E shall hereinafter refer to **Attachment E-1, Revised Special Audit Requirements**.

In all other respects, the Agreement of which this is an Amendment, and attachments relative thereto, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed the day and year last written below.

NORTHWEST FLORIDA WATER  
MANAGEMENT DISTRICT

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

By: \_\_\_\_\_  
Title: Executive Director or designee

By: \_\_\_\_\_  
Director, Division of Environmental  
Assessment and Restoration or designee

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

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

\_\_\_\_\_  
Thomas Seal, DEP Grant Manager

\_\_\_\_\_  
Connie Becker, DEP Grant Manager

\_\_\_\_\_  
DEP Contracts Administrator

Approved as to form and legality:

\_\_\_\_\_  
DEP Attorney

List of attachments/exhibits included as part of this Agreement:

Specify Type	Letter/ Number	Description (include number of pages)
Attachment	A-1	Supplemental Grant Work Plan (5 Pages)
Attachment	B-1	Supplemental Sample Payment Request Summary Form (1 Page)
Attachment	E-1	Revised Special Audit Requirements (5 Pages)

**ATTACHMENT A-1  
SUPPLEMENTAL GRANT WORK PLAN  
SECOND SERVICE PERIOD (10/1/2014 TO 9/30/2015)**

The Department has requested the assistance of the Northwest Florida Water Management District (NFWFMD) in collecting and interpreting surface water quality data from rivers, streams and lakes within the boundaries of the NFWFMD, as part of the statewide Integrated Water Resources Monitoring (IWRM) Network. A description of the work to be performed is outlined below:

**QUALITY ASSURANCE**

The Grantee and approved subcontracting agencies and entities who will be conducting water quality sampling under this agreement shall follow procedures and methods specified in the Department's "*Status and Temporal Variability Monitoring Networks Sampling Manual*" and for Stream Condition Index sampling and Habitat Assessments they shall follow the procedures and methods specified in the Department SOPs FT3001, FT3100, and FS7420 found on the Department website (<http://www.dep.state.fl.us/labs/qa/sops.htm>). The sampling manual can be found at <http://www.dep.state.fl.us/water/monitoring/docs/SamplingManual.pdf>. For purposes of this Agreement, all sample analysis will be performed by the Department's Central Laboratory under separate agreement with the Department's Watershed Monitoring Section. Data from the Department Central Laboratory will be sent to the Grantee within the reasonable timeframe. The Grantee's database manager will perform QA/QC on both lab and field data, and send an approval to the Department for data loading into STORET and other databases.

**STORET**

All water quality data collected under this Agreement shall be submitted to the Department in an approved standardized electronic format. An example of the approved format is included as **ATTACHMENT H**. This format will assist the Department in the preparation of data, collected under this Agreement, for entry into STORET using a computer conversion program. The Department will be responsible for assuring that data collected under this agreement is entered into the STORET system, and verification of the final storage. In addition to the above, a printed copy of the project field data, along with supporting Quality Assurance data, shall be kept and maintained by the Grantee for the duration of this agreement, and provided to the Department upon request. This includes results from any blanks, duplicates, spikes, blind samples and standards.

**QUALIFIED SAMPLER**

The Grantee shall ensure that at least one (1) [two (2) if possible] *qualified sampler* is present during all sample collection. For the purposes of this Agreement, a *qualified sampler* shall be one who has taken the USGS sampling course or the Department Sampling Techniques Workshop within the past five (5) years.

**AGREEMENT TASKS**

The Grantee shall collect surface water quality samples for the Watershed Monitoring Program within the boundaries of the NFWFMD. This Grant Work Plan will cover the sampling period from October 1, 2014 to September 30, 2015. Each activity to be performed has been identified and described as a separate task and must be completed within the designated time frame identified for that task.

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**TASK I – SWTV SAMPLE COLLECTION**  
**October 1, 2014 to September 30, 2015**  
**Fee Schedule Task Cost: \$117,300.00**  
**(\$276.00 per sample not to exceed \$117,300.00)**

Grantee staff will collect an estimated 425 surface water quality samples from the Surface Water Temporal Variability (SWTV) Network, and forward to the Department's designated lab(s) for analysis. This estimate includes:

- Approximately 314 SWTV samples (26 sites sampled monthly, one site biannually) from designated river and stream sites within the water management district. **EXHIBIT 1** contains the SWTV sampling station list.
- Approximately 63 QA samples.
- 48 Stream Condition Index Benthic Macroinvertebrate samples.
- Completion of 48 Habitat Assessment, Rapid Periphyton and Linear Vegetation Surveys

Sample collection includes:

- On-site analysis for field analytes and field reference samples;
- Measurement of sample location using differentially-correcting Global Positioning System (DGPS) technology. DGPS units will be provided by the Department if necessary. All DGPS data must meet or exceed the Department protocols for accuracy (**ATTACHMENT G**), and be provided in Department specified electronic format (see **ATTACHMENT H**);
- For SWTV sites, locate a reference station at each sampling location with DGPS. The reference station should be a permanent landmark located as close to the actual sampling point as possible. All present and future sampling locations should be reported relative (distance/azimuth) to this reference station.
- Physical site data, in electronic format using Department specified software. This includes land ownership, depiction of actual sample location relative to GPS measurement point (if offset required), digital photographs, and any additional pertinent information which may potentially affect water quality. Provide sketch maps depicting site location and directions (sketch maps can be submitted on paper or scanned electronically in JPEG format).
- Stage height at time of sampling. Measurements of surface water elevation can be obtained from staff gages, continuous recording gages, wire weight gages, or tape down measurements or any existing USGS gaging stations located in close proximity (within 5 river miles) to the sampling sites.

Samples shall be collected for all indicators identified in **EXHIBIT 2**. Samples should be collected monthly at 25 – 35 day intervals. All samples shall be shipped in accordance with **ATTACHMENT N**, *Instructions for Sample Shipments*.

Field audits shall be performed in accordance with the *Status and Temporal Variability Monitoring Networks Sampling Manual*.

**TASK II - DATA MANAGEMENT AND DATA INTERPRETATION**  
**October 1, 2014 to September 30, 2015**  
**Task Cost: Included in unit cost for Task I**

Grantee staff will edit data supplied to the Grantee and approve distribution to the public via GWIS (Generalized Water Information System) updates via <http://gwis.dep.state.fl.us/>. Data review will follow written standard operating procedures located at <http://water.dep.state.fl.us/status>, and timetables in the *Sampling Manual*. Data review will occur for water and biological samples collected from October 1, 2014 to September 30, 2015. Field

data will be submitted to the Department in approved electronic format (**ATTACHMENT H**) within 15-30 days of the end of the sampling event. The Department reserves the right to require the use of Department supplied field data entry software if data is not submitted in Department approved format. Grantee staff will also review and edit data interpretations regarding Watershed Monitoring Program data. Updates to station information will be provided to the Department as necessary.

### **TASK III - ATTEND PROGRAM MEETINGS**

**October 1, 2014 to September 30, 2015**

**Task Cost: Included in unit cost for Task I**

One (1) or more Grantee staff will attend up to two (2) Watershed Monitoring Program meetings. Each of these meetings will last approximately three (3) days. Appropriate Grantee staff will attend up to two (2) other meetings scheduled by the Department such as sampling courses, training workshops, or other meetings as required.

### **TASK IV - PURCHASE EQUIPMENT**

**October 1, 2014 to September 30, 2015**

**Cost Reimbursement Task Cost Not to Exceed: \$3,000**

Grantee staff will itemize proposed equipment purchases under this Agreement costing \$1,000 or more below, and complete **ATTACHMENT K**. The subsequent purchase of non-expendable equipment not listed below, costing \$1,000 or more is not authorized under this Agreement. However, the Department reserves the right to amend this Agreement to provide for equipment purchases in the event it is deemed necessary.

- 1) YSI Multi-Meter Sonde (partial) estimated \$3,000

### **TASK V - REPORTS**

**October 1, 2014 to September 30, 2015**

**Task Cost: Included in unit cost for Task I**

Progress Reports and Payment Requests are to be submitted every three (3) months by the Grantee to the Department. Quarterly Quality Assurance Reports and field data sheets should be included with the Quarterly Progress Reports. A Final Comprehensive Report that summarizes all tasks associated with this Agreement, including sampling site updates shall be submitted no later than September 30, 2015. Results from quality assurance activities (**ATTACHMENT I**) are to be included in the above reports as specified. A Quality Assurance Project Plan is on file with the Watershed Monitoring Section, but will be updated annually to reflect changes in staff and equipment.

### **REPORTING REQUIREMENTS**

Each progress report shall indicate work performed during the reporting period, and include quarterly quality assurance reports, problems encountered and planned solutions.

### **PAYMENTS**

The Grantee shall submit a Payment Request every three (3) months, listing the number of samples completed, in conjunction with progress reports as required herein. A final Payment Request must be submitted no later than October 15, 2015 to assure the availability of funding for final payment.

The Department shall have fourteen (14) calendar days from receipt of a deliverable to determine satisfactory performance. If said deliverable is acceptable to the Department, the Payment Request shall be processed for payment with the processing time beginning on the date the Department approved the deliverables submitted by the Grantee.

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**EXHIBIT 1:     SURFACE WATER TEMPORAL VARIABILITY (TV) FIXED SITES**

*Northwest Florida Water Management District area:*

USGS ID NO	SITE DESCRIPTION	COUNTY	LAT	LONG	CONTINUOUS GAGE? AND PERIOD OF RECORD
<b><u>MONTHLY STATE LINE SITES:</u></b>					
02376293	BRUSHY CREEK AT NOKOMIS ROAD	ESCAMBIA	305845	873142	USGS (1938-P)
02375500	ESCAMBIA RIVER NEAR CENTURY	ESCAMBIA	305754	871403	USGS (1935-P)
02367900	YELLOW RIVER AT SR 2 EAST OF OAK GROVE	OKALOOSA	305530	863335	USGS (1998-P)
02365200	CHOCTAWHATCHEE RIVER NEAR PITTMAN	HOLMES	305659	855035	USGS (1976-81;1997-P)
NW12	COWARTS CREEK AT SR 2	JACKSON	305652	851530	<i>no</i>
02358000	APALACHICOLA RIVER AT U.S. 90	JACKSON	304203	845133	USGS (1928-P)
02328522	OCHLOCKONEE RIVER AT SR 12	LEON	304009	841819	USGS (1998-P)
<b><u>MONTHLY LOWER BASIN SITES:</u></b>					
02376500	PERDIDO RIVER AT BARRINEAU PARK	ESCAMBIA	304125	872625	USGS (1941-P)
02376033	ESCAMBIA RIVER AT SR 184	ESCAMBIA	304012	871600	USGS (1960-94;1997-P)
NW29	EAST BAY RIVER AT SR 87	SANTA ROSA	302627	865200	<i>no</i>
02369600	YELLOW RIVER AT SR 87	SANTA ROSA	303415	865535	USGS (2001-P)
NW31	ALAUQA CREEK AT NELSON ROAD	WALTON	304010	861113	<i>no</i>
02366500	CHOCTAWHATCHEE RIVER NEAR BRUCE	WALTON	302703	855354	USGS (1931-P)
02359500	ECONFINA CREEK AT SR 388	BAY	302304	853324	USGS (1936-P)
02359000	CHIPOLA RIVER AT SR 71	CALHOUN	301712	850844	NWFWMD (2013-P)
02359170	APALACHICOLA RIVER NEAR SUMATRA	LIBERTY	295657	850056	USGS (1977-P)
02330400	NEW RIVER AT OWENS BRIDGE	LIBERTY	300211	845027	USGS (1997-P)
02330150	OCHLOCKONEE RIVER AT SMITH CREEK	WAKULLA	301035	844006	USGS (1997-P)
02326900	ST. MARKS RIVER AT NEWPORT	WAKULLA	301600	840900	USGS (1956-90;1997-P)
02370000	BLACKWATER RIVER AT SR 4 NEAR BAKER	OKALOOSA	305000	864402	USGS (1950-92;1997-P)
02365470	WRIGHTS CREEK	HOLMES	305100	854550	USGS (1998-P)
02370500	BIG COLDWATER CREEK	SANTA ROSA	304200	865500	USGS (1938-P)
02330100	TELOGIA CREEK AT SR 20	LIBERTY	302535	845540	USGS (1950-P)
02376115	ELEVENMILE CREEK NEAR WEST PENSACOLA	ESCAMBIA	302953	872009	USGS (1988-P)
02327022	WAKULLA RIVER NEAR CRAWFORDVILLE, FL	WAKULLA	301249	841542	USGS (2004-P)
NW556	WAKULLA RIVER AT WAKULLA SPRING	WAKULLA	301409	841805	NWFWMD (1997-P)
<b><u>BIANNUAL LOWER BASIN SITES:</u></b>					
NW98	WAKULLA RIVER AT FPS BOAT TRAM	WAKULLA	301402	841740	NWFWMD (1987-P)

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**EXHIBIT 2:****FY 2014-2015 DEP SURFACE WATER TEMPORAL VARIABILITY NETWORK  
ANALYTE LIST**

INDICATOR	ANALYSIS METHOD
Calcium	T
Magnesium	T
Sodium	T
Potassium	T
Chloride	T
Sulfate	T
Fluoride	T
Alkalinity	T
Nitrate + Nitrite	T
Ammonia	T
Kjeldahl Nitrogen	T
Phosphorous	T
Ortho-Phosphate	D
Specific Conductance (Lab)	D
Total Organic Carbon	T
Total Dissolved Solids	T
Total Suspended Solids	T
Turbidity	T
Color	T
Fecal Coliform	T
<i>E. coli</i>	T
Enterococci	T
Chlorophyll-A	T
Water Temperature	X
pH	X
Specific Conductance/Salinity	X
Dissolved Oxygen	X
Secchi Depth	X
Total Depth	X
Sample Depth	X
Biological Community (SCI) 2/yr/site	X
Habitat Assessment Survey 2/yr/site	X
Rapid Periphyton Survey 2/yr/site	X
Linear Vegetation Survey 2/yr/site	X
T = Total sample, D = dissolved sample X = other sample or measurement	
2014-2015 SWTV Analytes	

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# ATTACHMENT B-1

## SUPPLEMENTAL SAMPLE PAYMENT REQUEST SUMMARY FORM

(Note: This form is not required as long as all information appears on invoice.)

Grantee: \_\_\_\_\_

Grantee's Grant Manager: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Payment Request No.: \_\_\_\_\_

DEP Agreement No.: G0373

Date Of Request: \_\_\_\_\_

Performance  
Period: \_\_\_\_\_

Amount

Percent Matching

Requested:\$ \_\_\_\_\_

Required: \_\_\_\_\_

### GRANT EXPENDITURES SUMMARY SECTION

[Effective Date of Grant through End-of-Grant Period]

CATEGORY OF EXPENDITURE	Total Contract	Completed This Quarter	AMOUNT OF THIS REQUEST
Sampling (Includes Tasks I, II, III and V) Unit Price Per Sample: <u>\$276</u>	\$	#	\$
Equipment purchases	\$	N/A	\$
TOTAL Cost	\$	N/A	\$
Less Total Cumulative Payments of:	\$	N/A	N/A
Less Total This Request:	\$		
TOTAL REMAINING IN GRANT	\$	#	N/A

### GRANTEE CERTIFICATION

The undersigned certifies that the amount being requested for reimbursement above was for items that were charged to and utilized only for the above cited grant activities.

Grantee's Grant Manager	Grantee's Fiscal Agent
Print Name	Print Name
Telephone Number	Telephone Number

## ATTACHMENT E-1

### REVISED SPECIAL AUDIT REQUIREMENTS

The administration of resources awarded by the Department of Environmental Protection (*which may be referred to as the "Department", "DEP", "FDEP" or "Grantor", or other name in the contract/agreement*) to the recipient (*which may be referred to as the "Contractor", Grantee" or other name in the contract/agreement*) may be subject to audits and/or monitoring by the Department of Environmental Protection, as described in this attachment.

#### MONITORING

In addition to reviews of audits conducted in accordance with OMB Circular A-133 and Section 215.97, F.S., as revised (see "AUDITS" below), monitoring procedures may include, but not be limited to, on-site visits by Department staff, limited scope audits as defined by OMB Circular A-133, as revised, and/or other procedures. By entering into this Agreement, the recipient agrees to comply and cooperate with any monitoring procedures/processes deemed appropriate by the Department of Environmental Protection. In the event the Department of Environmental Protection determines that a limited scope audit of the recipient is appropriate, the recipient agrees to comply with any additional instructions provided by the Department to the recipient regarding such audit. The recipient further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Chief Financial Officer or Auditor General.

#### AUDITS

##### **PART I: FEDERALLY FUNDED**

This part is applicable if the recipient is a State or local government or a non-profit organization as defined in OMB Circular A-133, as revised.

1. In the event that the recipient expends \$500,000 or more in Federal awards in its fiscal year, the recipient must have a single or program-specific audit conducted in accordance with the provisions of OMB Circular A-133, as revised. EXHIBIT 1 to this Attachment indicates Federal funds awarded through the Department of Environmental Protection by this Agreement. In determining the Federal awards expended in its fiscal year, the recipient shall consider all sources of Federal awards, including Federal resources received from the Department of Environmental Protection. The determination of amounts of Federal awards expended should be in accordance with the guidelines established by OMB Circular A-133, as revised. An audit of the recipient conducted by the Auditor General in accordance with the provisions of OMB Circular A-133, as revised, will meet the requirements of this part.
2. In connection with the audit requirements addressed in Part I, paragraph 1, the recipient shall fulfill the requirements relative to auditee responsibilities as provided in Subpart C of OMB Circular A-133, as revised.
3. If the recipient expends less than \$500,000 in Federal awards in its fiscal year, an audit conducted in accordance with the provisions of OMB Circular A-133, as revised, is not required. In the event that the recipient expends less than \$500,000 in Federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of OMB Circular A-133, as revised, the cost of the audit must be paid from non-Federal resources (i.e., the cost of such an audit must be paid from recipient resources obtained from other than Federal entities).
4. The recipient may access information regarding the Catalog of Federal Domestic Assistance (CFDA) via the internet at <http://12.46.245.173/cfda/cfda.html>.

## PART II: STATE FUNDED

This part is applicable if the recipient is a nonstate entity as defined by Section 215.97(2)(m), Florida Statutes.

1. In the event that the recipient expends a total amount of state financial assistance equal to or in excess of \$500,000 in any fiscal year of such recipient, the recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, Florida Statutes; applicable rules of the Department of Financial Services; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. EXHIBIT 1 to this Attachment indicates state financial assistance awarded through the Department of Environmental Protection by this Agreement. In determining the state financial assistance expended in its fiscal year, the recipient shall consider all sources of state financial assistance, including state financial assistance received from the Department of Environmental Protection, other state agencies, and other nonstate entities. State financial assistance does not include Federal direct or pass-through awards and resources received by a nonstate entity for Federal program matching requirements.
2. In connection with the audit requirements addressed in Part II, paragraph 1; the recipient shall ensure that the audit complies with the requirements of Section 215.97(7), Florida Statutes. This includes submission of a financial reporting package as defined by Section 215.97(2), Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.
3. If the recipient expends less than \$500,000 in state financial assistance in its fiscal year, an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, is not required. In the event that the recipient expends less than \$500,000 in state financial assistance in its fiscal year, and elects to have an audit conducted in accordance with the provisions of Section 215.97, Florida Statutes, the cost of the audit must be paid from the non-state entity's resources (i.e., the cost of such an audit must be paid from the recipient's resources obtained from other than State entities).
4. For information regarding the Florida Catalog of State Financial Assistance (CSFA), a recipient should access the Florida Single Audit Act website located at <https://apps.fldfs.com/fsaa> for assistance. In addition to the above websites, the following websites may be accessed for information: Legislature's Website at <http://www.leg.state.fl.us/Welcome/index.cfm>, State of Florida's website at <http://www.myflorida.com/>, Department of Financial Services' Website at <http://www.fldfs.com/> and the Auditor General's Website at <http://www.state.fl.us/audgen>.

## PART III: OTHER AUDIT REQUIREMENTS

*(NOTE: This part would be used to specify any additional audit requirements imposed by the State awarding entity that are solely a matter of that State awarding entity's policy (i.e., the audit is not required by Federal or State laws and is not in conflict with other Federal or State audit requirements). Pursuant to Section 215.97(8), Florida Statutes, State agencies may conduct or arrange for audits of State financial assistance that are in addition to audits conducted in accordance with Section 215.97, Florida Statutes. In such an event, the State awarding agency must arrange for funding the full cost of such additional audits.)*

## PART IV: REPORT SUBMISSION

1. Copies of reporting packages for audits conducted in accordance with OMB Circular A-133, as revised, and required by PART I of this Attachment shall be submitted, when required by Section .320 (d), OMB Circular A-133, as revised, by or on behalf of the recipient directly to each of the following:

- A. The Department of Environmental Protection at one of the following addresses:

By Mail:

**Audit Director**

Florida Department of Environmental Protection  
Office of the Inspector General, MS 40  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Electronically:

[FDEPSingleAudit@dep.state.fl.us](mailto:FDEPSingleAudit@dep.state.fl.us)

- B. The Federal Audit Clearinghouse designated in OMB Circular A-133, as revised (the number of copies required by Sections .320 (d)(1) and (2), OMB Circular A-133, as revised, should be submitted to the Federal Audit Clearinghouse), at the following address:

Federal Audit Clearinghouse  
Bureau of the Census  
1201 East 10th Street  
Jeffersonville, IN 47132

Submissions of the Single Audit reporting package for fiscal periods ending on or after January 1, 2008, must be submitted using the Federal Clearinghouse's Internet Data Entry System which can be found at <http://harvester.census.gov/fac/>

- C. Other Federal agencies and pass-through entities in accordance with Sections .320 (e) and (f), OMB Circular A-133, as revised.

2. Pursuant to Section .320(f), OMB Circular A-133, as revised, the recipient shall submit a copy of the reporting package described in Section .320(c), OMB Circular A-133, as revised, and any management letters issued by the auditor, to the Department of Environmental Protection at one the following addresses:

By Mail:

**Audit Director**

Florida Department of Environmental Protection  
Office of the Inspector General, MS 40  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Electronically:

[FDEPSingleAudit@dep.state.fl.us](mailto:FDEPSingleAudit@dep.state.fl.us)

3. Copies of financial reporting packages required by PART II of this Attachment shall be submitted by or on behalf of the recipient directly to each of the following:

- A. The Department of Environmental Protection at one of the following addresses:

By Mail:

**Audit Director**

Florida Department of Environmental Protection  
Office of the Inspector General, MS 40  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Electronically:

[FDEPSingleAudit@dep.state.fl.us](mailto:FDEPSingleAudit@dep.state.fl.us)

B. The Auditor General's Office at the following address:

State of Florida Auditor General  
Room 401, Claude Pepper Building  
111 West Madison Street  
Tallahassee, Florida 32399-1450

4. Copies of reports or management letters required by PART III of this Attachment shall be submitted by or on behalf of the recipient directly to the Department of Environmental Protection at one of the following addresses:

By Mail:

**Audit Director**

Florida Department of Environmental Protection  
Office of the Inspector General, MS 40  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Electronically:

[FDEPSingleAudit@dep.state.fl.us](mailto:FDEPSingleAudit@dep.state.fl.us)

5. Any reports, management letters, or other information required to be submitted to the Department of Environmental Protection pursuant to this Agreement shall be submitted timely in accordance with OMB Circular A-133, Florida Statutes, or Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.
6. Recipients, when submitting financial reporting packages to the Department of Environmental Protection for audits done in accordance with OMB Circular A-133, or Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, should indicate the date that the reporting package was delivered to the recipient in correspondence accompanying the reporting package.

## **PART V: RECORD RETENTION**

The recipient shall retain sufficient records demonstrating its compliance with the terms of this Agreement for a period of **5** years from the date the audit report is issued, and shall allow the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General access to such records upon request. The recipient shall ensure that audit working papers are made available to the Department of Environmental Protection, or its designee, Chief Financial Officer, or Auditor General upon request for a period of **3** years from the date the audit report is issued, unless extended in writing by the Department of Environmental Protection.

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**EXHIBIT – 1**

FUNDS AWARDED TO THE RECIPIENT PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

<b>Federal Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following:</b>					
Federal Program Number	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
Original Agreement	U.S. Environmental Protection Agency	66.454	Water Quality Management Planning	\$121,213.75	140076
Amendment No. 1	U.S. Environmental Protection Agency	66.454	Water Quality Management Planning	\$120,300.00	140076

<b>State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Matching Resources for Federal Programs:</b>					
Federal Program Number	Federal Agency	CFDA	CFDA Title	Funding Amount	State Appropriation Category

<b>State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Resources Subject to Section 215.97, F.S.:</b>						
State Program Number	Funding Source	State Fiscal Year	CSFA Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category

				Total Award	\$241,513.75	
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For each program identified above, the recipient shall comply with the program requirements described in the Catalog of Federal Domestic Assistance (CFDA) [<http://12.46.245.173/cfda/cfda.html>] and/or the Florida Catalog of State Financial Assistance (CSFA) [<https://apps.fldfs.com/fsaa/searchCatalog.aspx>]. The services/purposes for which the funds are to be used are included in the Contract scope of services/work. Any match required by the recipient is clearly indicated in the Contract.

# NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

## MEMORANDUM

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director  
Brett Cyphers, Assistant Executive Director  
W. Guy Gowens, Director, Division of Resource Management

FROM: Kris Barrios, Manager, Field Services Section

DATE: September 24, 2014

SUBJECT: Consideration of City of Tallahassee and Leon County Contract for Stormwater Flow Monitoring

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### Recommendation:

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

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### Discussion:

The City of Tallahassee and Leon County have requested the District continue a stormwater flow monitoring program that includes the operation of 50 surface water and rainfall data collection stations in the City and County. The amendment also adds the City of Tallahassee as a funding partner for operation of the Spring Creek Springs flow gauge in Wakulla County. The attached agreement provides the District with \$141,471.00 for staff and equipment costs for Fiscal Year 2014-2015.

The District has operated this stormwater monitoring network for the City and County for over 20 years. The monitoring program provides storm event and base flow discharge data for the major drainage basins in the City and County. The data provides continuous records of rainfall and surface water discharges that are used to design and implement improvements in the stormwater drainage system. Improvements to the drainage system help reduce flooding and improve water quality.

This contract also includes the operation of a real-time satellite telemetry flood warning network in the Leon County Area. This monitoring network is a cooperative program between the District, Leon County and the City of Tallahassee. The network includes 41 emergency flood warning stream and rainfall stations that provide real-time rainfall and water level data to help identify developing flood conditions so emergency management staff can respond as quickly as possible.

# **STORMWATER FLOW MONITORING CONTRACT**

## **CONTRACT NO. \*\*-\*\*\***

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

### **WITNESSETH:**

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

1. That the DISTRICT, having personnel knowledgeable in the areas of hydraulics and hydrology and being located and operating near Tallahassee and Leon County, has submitted, at the request of the CITY and COUNTY, a proposal to provide services for the operation and maintenance of a stormwater monitoring program described in "Attachment A – Joint Stormwater Monitoring Program " and attached hereto and made a part hereof by reference.
2. That the CITY and COUNTY have selected the DISTRICT as Contractor to furnish all labor, equipment, and materials to accomplish the scope of work described in "Attachment A- Joint Stormwater Monitoring Program". The DISTRICT will complete the work described in "Attachment A - Joint Stormwater Monitoring Program". The DISTRICT agrees to maintain existing and, as needed, provide additional stormwater monitoring equipment for the monitoring stations listed in "Attachment A - Joint Stormwater Monitoring Program" for the duration of this contract. Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment A- Joint Stormwater Monitoring Program", shall remain as property of the DISTRICT, except platforms used to mount monitoring equipment.
3. That the CITY and COUNTY agree to share equally the lump sum fee of \$66,702 to the DISTRICT for the services in "Attachment A – Joint Stormwater Monitoring Program".
4. That the CITY has requested additional monitoring services which are described in "Attachment B – City of Tallahassee Supplementary Monitoring Services" and attached hereto and made a part hereof by reference. The DISTRICT will complete the work as described in "Attachment B – City of Tallahassee Supplementary Monitoring Services". The CITY maintains ownership of the ALERT equipment and materials for stations described in "Attachment B – City of Tallahassee Supplementary Monitoring Services" and the CITY will be responsible for repair costs, replacement equipment and materials for the ALERT equipment at monitoring stations listed in "Attachment B – City of Tallahassee Supplementary Monitoring Services". Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment B – City of Tallahassee Monitoring Services ", shall remain as property of the DISTRICT, except ALERT equipment and platforms used to mount monitoring equipment.
5. That the CITY agrees to pay the lump sum fee of \$41,372 to the DISTRICT for the services in "Attachment B - City of Tallahassee Supplementary Monitoring Services ".



6. That the COUNTY has requested additional monitoring services which are described in "Attachment C – Leon County Supplementary Monitoring Services" and attached hereto and made a part hereof by reference. The DISTRICT will complete the work as described in "Attachment C – Leon County Supplementary Monitoring Services". Under this Contract, all stormwater monitoring equipment operated, maintained, purchased or replaced for "Attachment C – Leon County Supplementary Monitoring Services", shall remain as property of the DISTRICT, except platforms used to mount monitoring equipment.
7. That the COUNTY agrees to pay the lump sum fee of \$33,397 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, 2014, and ending September 30, 2015. The CITY will pay the DISTRICT a total lump sum fee of \$74,723 as set forth in "Attachment A – Joint Stormwater Monitoring Program" and "Attachment B – City of Tallahassee Supplementary Monitoring Services". The COUNTY will pay the DISTRICT a total lump sum fee of \$66,748 as set forth in "Attachment A – Joint Stormwater Monitoring Program" and "Attachment C – Leon County Supplementary Monitoring Services".
9. That the DISTRICT shall separately invoice both the CITY and COUNTY on a quarterly basis for their prorated share of these services.
10. That the DISTRICT agrees to maintain sufficient professional and technical staffing to ensure timely and competent completion of this Contract.
11. That the CITY and the COUNTY shall have the option to separately amend the Contract to request the DISTRICT provide additional monitoring services in accordance with the fee schedule described in "ATTACHMENT D – Supplementary Monitoring Services" which is attached hereto and made part hereof by reference. Compensation for additional monitoring services shall be invoiced on a prorated basis to the party requesting the services in accordance with the fee schedule described in "ATTACHMENT D – Supplementary Monitoring Services".
12. That the continuation of this monitoring program in subsequent years shall be subject to renegotiation of the services and fees and appropriation of funding for this program by the CITY, COUNTY and DISTRICT in their respective budgets and execution of an amendment to extend the Contract by the CITY, COUNTY and DISTRICT.
13. 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 from the CITY or COUNTY project management team.
14. That the CITY and COUNTY shall have access to any books, documents, papers, and records of the DISTRICT directly pertinent to this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The DISTRICT shall provide stormwater data collected on this project in a digital format to the CITY and COUNTY. The DISTRICT shall maintain required records including stormwater data and other records pertinent to this Contract for five years after the CITY and COUNTY make final payment and all other pending matters are closed.

15. That it is expressly understood and agreed that this Contract states the entire agreement of the Parties, and that the Parties are not bound by any stipulations, representations, or promises, not included in this Contract.

**LEON COUNTY, FLORIDA**

By: \_\_\_\_\_  
County Administrator

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

**ATTEST:**

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

Approved as to Form:  
Leon County Attorney's Office

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

By: \_\_\_\_\_  
Herbert W. A. Thiele, Esq.

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: \_\_\_\_\_  
Jonathan P. Steverson  
Executive Director

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

## ATTACHMENT A

### Stormwater Monitoring Project Joint Stormwater Monitoring Program

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

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

#### Monitoring Station Descriptions

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Map Number (see attached map)</u>
Stream Discharge	8	4, 6, 10 <sup>a</sup> , 14, 15 <sup>a</sup> , 20 <sup>a</sup> , 72 <sup>a</sup> , 100 <sup>a</sup>
Stream Stage	5	19 <sup>a</sup> , 39 <sup>a</sup> , 128, 660 <sup>a</sup> , 750 <sup>a</sup>
Stream Stage/Velocity	1	35 <sup>a</sup>
Stream Stage/Rainfall	1	125/125
Stream Discharge/Rainfall	2	3/601 <sup>a</sup> , 31/618 <sup>a</sup>
Rainfall station	<u>10</u>	602 <sup>a</sup> , 605 <sup>a</sup> , 606 <sup>a</sup> , 610 <sup>a</sup> , 613 <sup>a</sup> , 616 <sup>a</sup> , 623 <sup>a</sup> , 626 <sup>a</sup> , 628 <sup>a</sup> , 631 <sup>a</sup>
<b>Total Stations</b>	<b>27</b>	

#### Annual Station Operation and Maintenance <sup>(b)</sup>

<u>Station Type</u>	<u>Annual Cost</u>	<u># Stations</u>	<u>Total Cost</u>
Stream Discharge	\$3,130.00	8	\$ 25,040.00
Stream Stage	\$1,910.00	5	\$ 9,550.00
Stream Stage/Velocity	\$3,330.00	1	\$ 3,330.00
Stage/Rainfall Station	\$2,230.00	1	\$ 2,230.00
Stream Discharge/Rainfall	\$3,330.00	2	\$ 6,660.00
Rainfall Station	\$1,910.00	10	\$ 19,100.00
		Subtotal	\$ 65,910.00

#### Annual Data Telemetry Service

<u>Telemetry Type</u>	<u>Annual Cost</u>	<u># Stations</u>	<u>Total Cost</u>
Iridium Standby	\$ 24.00	22	\$ 528.00
Verizon 10MB/month	\$ 12.00	22	\$ 264.00
		Subtotal	\$ 792.00

**TOTAL PROJECT COST \$ 66,702.00**

**City of Tallahassee Annual Cost (50% of Total Project Cost) \$ 33,351.00**

**Leon County Annual Cost (50% of Total Project Cost) \$ 33,351.00**

- (a) Site uses Verizon and Iridium telemetry.
- (b) Station Operation and Maintenance includes: maintenance, operation, data retrieval in a computerized format, discharge measurements at stream stations, computation of station flow rating at stream discharge stations, display of real-time data on the District's website, storage of data in District Surface Water Database, monthly data reports, and delivery of digital data collected on the Project. All stormwater monitoring equipment operated, maintained, purchased or replaced for the Joint City/County Stormwater Monitoring Program, shall remain as property of the District, except platforms used to mount monitoring equipment.

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## ATTACHMENT B

### Stormwater Monitoring Project

#### Cost Schedule – City of Tallahassee Supplementary Monitoring Services

The City Monitoring Services includes the operation and maintenance of 14 surface water and rainfall data collection stations for the City of Tallahassee. The cost estimates for maintaining and operating this program are provided below. These monitoring stations will provide hydrologic data for City of Tallahassee. Operation of individual stations can be discontinued at the request of the City during the period of this Contract. The District will invoice the City quarterly for the pro-rated operational costs for active stations.

#### Operational Services

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Location (map number)</u>	<u>Annual Cost</u> <sup>(b)</sup>
Stage stations	6	Two Southwood Stormwater Ponds (698, 699) RSF (688) Killearn Lake Stations (784, 785, 786)	\$ 11,460.00
Telemetered Stage	2	Central DD, Boone Blvd (687 <sup>a</sup> , 689)	\$ 3,820.00
Telemetered Rainfall	6	City Rainfall Network (681 <sup>a</sup> , 682 <sup>a</sup> , 683 <sup>a</sup> , 684 <sup>a</sup> , 685 <sup>a</sup> , 686 <sup>a</sup> )	\$ 11,460.00
Continued Maintenance of ALERT Equipment	6	City “ALERT” Network ( 681, 682, 683, 684, 685, 686)	\$ 1,200.00
USGS Coop Station	1	Spring Creek (1/3 cost share)	\$ 13,144.00

#### TOTAL OPERATIONAL SERVICES COST

**\$ 41,084.00**

#### Annual Data Telemetry Services

<u>Telemetry Type</u>	<u>Annual Cost</u>	<u># Stations</u>	<u>Annual Cost</u>
Iridium Standby	\$ 24.00	8	\$ 192.00
Verizon 10MB/month	\$ 12.00	8	\$ 96.00

#### TOTAL DATA TELEMETRY SERVICES COST

**\$ 288.00**

#### TOTAL SUPPLEMENTARY SERVICES COST

**\$ 41,372.00**

a) Site uses Verizon and Iridium telemetry

b) Annual cost for Station Operation and Maintenance is \$1,910.00 for stream or rainfall stations, \$2,230.00 for stream plus rainfall stations, and \$3,130.00 for stream discharge stations. Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of real-time data on the District’s website, storage of data in District’s Surface Water Database, monthly data reports, and delivery of digital data collected on the Project. The City maintains ownership of the ALERT equipment and materials for the monitoring stations. The City will be responsible for repair costs, replacement equipment and materials for ALERT equipment in this program.

## ATTACHMENT C

### Stormwater Monitoring Project Cost Schedule – Leon County Supplementary Monitoring Services

#### Monitoring Station Installation Services

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Location (map number)</u>	<u>Annual Cost</u> <sup>(b)</sup>
Rainfall	1	New Lake Talquin	\$ 4,570.00
Telemetry System	1	New Lake Talquin	\$ 2,025.00

**TOTAL INSTALLATION SERVICES COST** **\$ 6,595.00**

#### Operational Services

<u>Station Type</u>	<u>Number of Sites</u>	<u>Station Location (map number)</u>	<u>Annual Cost</u> <sup>(c)</sup>
Stage Station	1	Lauder Pond (680)	\$ 1,910.00
Telemetered Rainfall	1	Commonwealth Blvd (648 <sup>a</sup> )	\$ 1,910.00
Telemetered Rainfall	5	Capital Area Flood Warning Network (654 <sup>b</sup> , 753 <sup>b</sup> , 803 <sup>b</sup> , 804 <sup>b</sup> , New Lake Talquin <sup>b</sup> )	\$ 9,550.00
Telemetered Stage+Discharge	1	Lake Munson Outfall (776 <sup>a</sup> )	\$ 3,130.00
Telemetered Stage+Rainfall	3	Capital Area Flood Warning Network (555 <sup>b</sup> , 729 <sup>b</sup> , 810 <sup>b</sup> )	\$ 9,990.00

**TOTAL OPERATIONAL SERVICES COST** **\$ 26,490.00**

#### Annual Data Telemetry Services

<u>Telemetry Type</u>	<u>Annual Cost</u>	<u># Stations</u>	<u>Annual Cost</u> <sup>(c)</sup>
Iridium Standby	\$ 24.00	8	\$ 192.00
Verizon	\$ 12.00	10	\$ 120.00

**TOTAL DATA TELEMETRY SERVICES COST** **\$ 312.00**

**TOTAL SUPPLEMENTARY SERVICES COST** **\$ 33,397.00**

- a) Site uses Verizon telemetry.
- b) Site uses Verizon and Iridium telemetry.
- c) Annual cost for Station Operation and Maintenance is \$1,910.00 for stream or rainfall stations, \$2,230.00 for stream plus rainfall stations, and \$3,130.00 for stream discharge stations. Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of real-time data on the District's website, storage of data in District's Surface Water Database, monthly data reports, and delivery of digital data collected on the Project. The County maintains ownership of the equipment and materials for the CAFWN monitoring stations. The County will be responsible for repair costs, replacement equipment and materials for monitoring stations in this program.
- d) Iridium data telemetry service provided by Sutron Corporation.

## ATTACHMENT D

### Stormwater Monitoring Project Cost Schedule – Supplementary Monitoring Services

Pursuant to Paragraph 4 of the Stormwater Flow Monitoring Contract, a fee schedule is provided for installation, operation and maintenance of additional monitoring stations as requested by the City or County.

<b>A. <u>New Stream Station Installation Costs</u></b>	<b><u>Unit Price</u></b>
Construction materials and supplies	\$ 400.00
Data logger, battery, cables	\$1,795.00
Water level sensor (high res., w/lightning grd sys.)	\$1,200.00
Station installation labor	<u>\$2,100.00</u>
<b>Total Cost:</b>	<b><u>\$5,495.00<sup>(a)</sup></u></b>
<b>B. <u>New Rainfall Station Installation Costs</u></b>	<b><u>Unit Price</u></b>
Construction materials and supplies	\$ 400.00
Data logger, battery, cables	\$1,795.00
Hydrologic Services – TB3 tipping bucket w/mount	\$1,075.00
Station installation labor	<u>\$1,300.00</u>
<b>Total Cost:</b>	<b><u>\$4,570.00<sup>(a)</sup></u></b>
<b>C. <u>New Telemetry System Installation Costs</u></b>	<b><u>Unit Price</u></b>
Construction materials and supplies	\$ 300.00
Communication equipment	\$ 575.00
Communication programming	\$ 250.00
System installation labor	\$ 900.00
<b>Total Cost:</b>	<b><u>\$2,025.00<sup>(b)</sup></u></b>
<b>D. <u>Annual Verizon Digital IP Service Fees</u> <sup>(c)</sup></b>	
10MB/month Data Plan	\$ 12.00/yr
<b>E. <u>Annual Iridium System Service Fees</u> <sup>(d)</sup></b>	
Base Data Plan 12KB/month	\$ 300.00/yr
Iridium Standby	\$ 24.00/yr
<b><u>Station Operation and Maintenance Costs</u></b>	
<b><u>Station Type</u></b>	<b><u>Annual Station Cost</u> <sup>(e)</sup></b>
<b>Stage or Rainfall Station Operational Cost</b>	<b><u>\$1,910.00</u></b>
<b>Stage+Rainfall Station Operational Cost</b>	<b><u>\$2,230.00</u></b>
<b>Stage+Discharge Station Operational Cost</b>	<b><u>\$3,130.00</u></b>
<b>Stage+Discharge+Velocity Station Operational Cost</b>	<b><u>\$3,330.00</u></b>
<b>Stage+Discharge+Rainfall Station Operational Cost</b>	<b><u>\$3,330.00</u></b>

a) Equipment, materials, and installation costs are for non-telemetered stream and rainfall stations.

b) Cost of addition of telemetry to a new or existing monitoring station.

c) Verizon data telemetry service government rate as of 8/1/2014, \$ 0.10/MB

d) Iridium data telemetry service provided by Sutron Corporation.

e) Annual cost for Station Operation and Maintenance is \$1,910.00 for stream or rainfall stations, \$2,230.00 for stream plus rainfall stations, and \$3,130.00 for stream discharge stations. Station Operation and Maintenance costs will be billed on a quarterly basis for the prorated cost for active stations and include: maintenance, operation, data retrieval in a computerized machine readable format, display of real-time data on the District's website, storage of data in District's Surface Water Database, monthly data reports, and delivery of digital data collected on the Project. All stormwater monitoring equipment operated, maintained, purchased or replaced for the Stormwater Monitoring Program Supplemental Services, shall remain as property of the District, except platforms used to mount monitoring equipment.

# NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

## MEMORANDUM

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director  
Brett Cyphers, Assistant Executive Director  
William O. Cleckley, Director, Division of Land Management and Acquisition

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

DATE: September 29, 2014

SUBJECT: Consideration of Invitation to Bid 15B-001; Econfina Creek 2015 Sand Pine Timber Sale

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On September 9, 2014, the District posted Invitation to Bid No. 15B-001 for the Econfina Creek 2015 Sand Pine Timber Sale on the State's Vendor Bid System and the District's website. The sale was advertised in the *Panama City News Herald* and notices were sent to a number of companies that have previously expressed an interest in District timber sales.

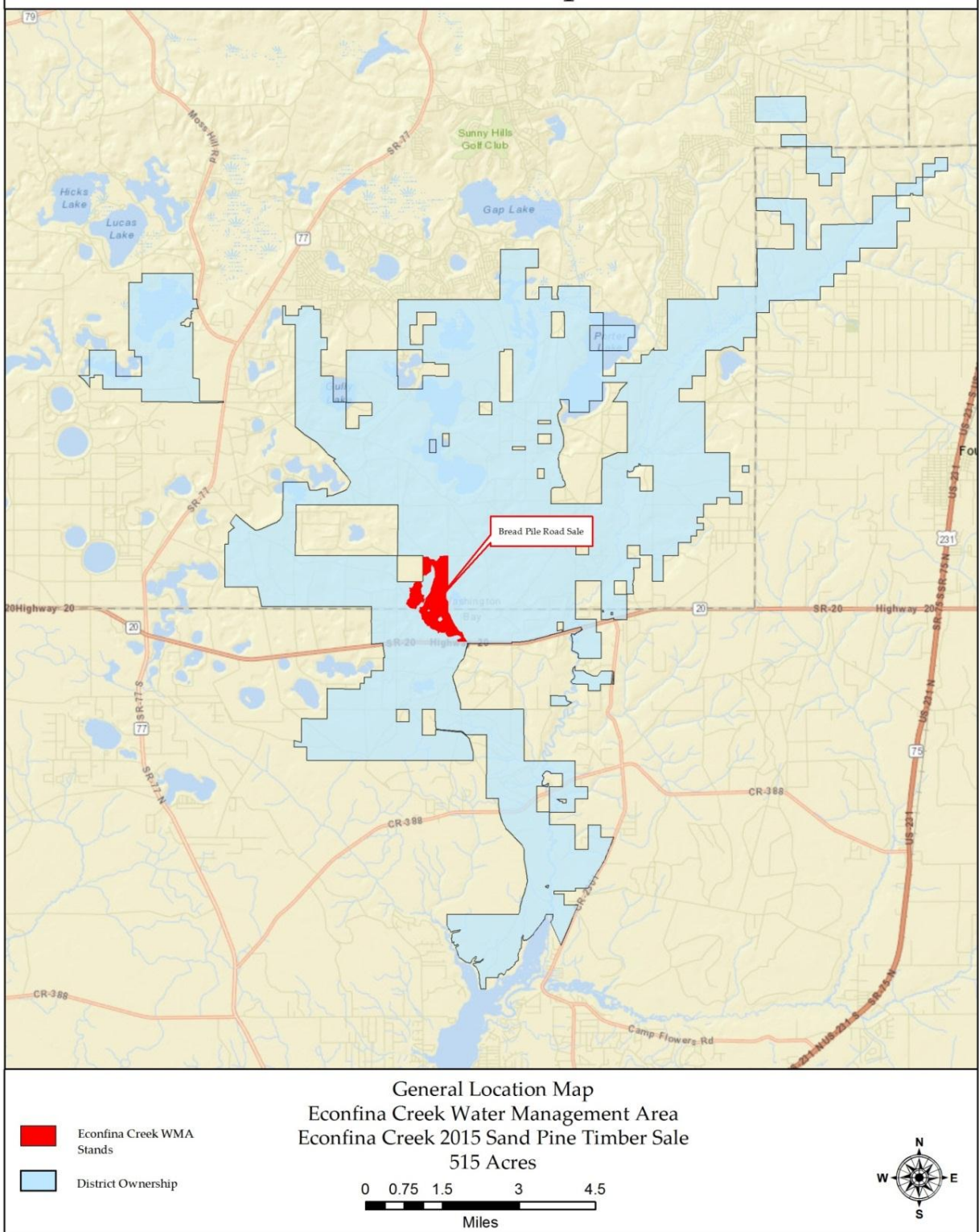
This timber sale will result in the harvest of an estimated 33,604 tons of sand pine pulpwood timber product from 515 acres in Bay and Washington counties, as described below. This stand is also delineated on the attached Exhibit Map A.

Stand No.	Stand Name	Harvest Method	Acres	Pine Species	Age
1	Bread Pile Road	Clear-cut	515	Sand Pine	29

On October 6, 2014, at 2:30 p.m. EDT, the District will conduct the bid opening for the Econfina Creek 2015 Sand Pine Timber Sale. The results of the bid opening will be provided in a supplement for the Governing Board at the October 9, 2014, meeting.



# Exhibit Map A



# NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

## MEMORANDUM

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director  
Brett Cyphers, Assistant Executive Director  
William O. Cleckley, Director, Division of Land Management and Acquisition

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

DATE: September 29, 2014

SUBJECT: Consideration of Invitation to Bid 15B-002; Econfina Creek 2015 Thinning and Clearcut Timber Sale

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On September 16, 2014, the District posted Invitation to Bid No. 15B-002 for the Econfina Creek 2015 Thinning and Clearcut Timber Sale on the State's Vendor Bid System and the District's website. The sale was advertised in the *Panama City News Herald* and notices were sent to a number of companies that have previously expressed an interest in District timber sales.

This timber sale will result in the harvest of an estimated 7,260 tons of pine and hardwood timber products from 205 acres in Bay County, as described below. These stands are also delineated on the attached Exhibit Map A.

### THINNING STANDS

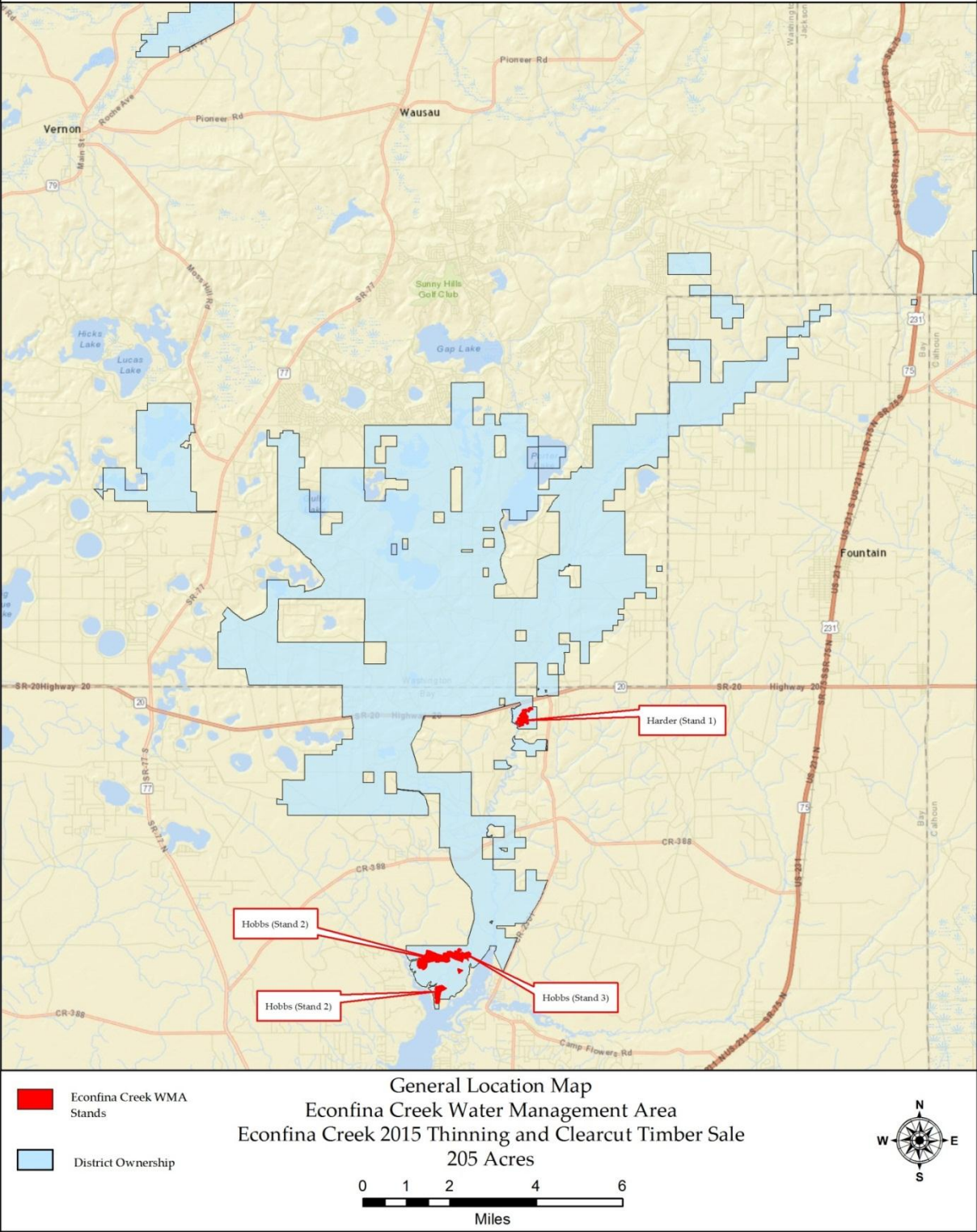
Stand No.	Stand Name	Harvest Method	Acres	Species	Age
1	Harder	Third Row Only	25	Loblolly	20
2	Hobbs Thinning	Third Row Only	148	Slash/Longleaf	25
Thinning Sub-Total			178		

### CLEARCUT STAND

Stand No.	Stand Name	Harvest Method	Acres	Species	Age
3	Hobbs Clearcut	Clearcut	32	Slash	24
Clearcut Sub-Total			32		
GRAND TOTAL			205		

On October 6, 2014, at 2:00 p.m. EDT, the District will conduct the bid opening for the Econfina Creek 2015 Sand Pine Timber Sale. The results of the bid opening will be provided in a supplement for the Governing Board at the October 9, 2014, meeting.

# Exhibit Map A



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

District Headquarters  
81 Water Management Drive  
Havana, Florida 32333

Thursday  
October 9, 2014  
1:05 p.m., ET

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

PART I — CONSENT AGENDA

• WATER USE PERMITS

A. Temporary Permits

Temporary Permits Granted By Executive Director Awaiting Final Agency Action on Consumptive Use Permit Application

A-1    Applicant:        Hammock Bay Homeowners Association  
       App. No.:        I07478  
       Location:        Freeport, Walton County  
       Use:              Landscape Irrigation  
       Facilities:        Same as Previous Permit  
       Source:          Sand-and-Gravel Aquifer System

Withdrawal Amounts Gallons:	Authorized
Annual Average Daily	87,000
Maximum Monthly	5,970,000

A-2    Applicant:        Edgewater Beach Resort  
       App. No.:        I07480  
       Location:        Panama City Beach, Bay County  
       Use:              Aesthetic Use, Landscape Irrigation, Golf Course Irrigation  
       Facilities:        Same as Previous Permit  
       Source:          Floridan Aquifer System and Golf Course Pond

Withdrawal Amounts Gallons:	Authorized
Annual Average Daily	213,900
Maximum Monthly	11,850,000

TAP/tp





Jonathan P. Steverson  
Executive Director

# Northwest Florida Water Management District

152 Water Management Drive, Havana, Florida 32333-4712

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

(850) 539-5999 • (Fax) 539-2693

## TEMPORARY WATER USE PERMIT

1. Pursuant to Section 40A-2.441, Florida Administrative Code, this Temporary Water Use Permit is granted to facilitate activities listed herein while an application for an Individual Water Use Permit is pending.
2. This Temporary Water Use Permit is valid through the date of the next Governing Board meeting and may be extended by the Governing Board at that time.
3. The issuance of this Temporary Water Use Permit shall not in any way be construed as a commitment to issue a water use permit.
4. The issuance of this Temporary Water Use Permit does not disclaim or discharge any rights or responsibilities of the Northwest Florida Water Management District as they relate to the completeness review of the application, requests for additional information, the review of the consumptive use application and the approval, conditional approval, or denial of the proposed water use(s) identified in the application as authorized by sections 40A-2.041, 40A-2.301, or any other provision of Chapter 40A-2, Florida Administrative Code.

Applicant: Hammock Bay Homeowners Association  
4652 Gulfstarr Drive  
Destin, Florida 32541

Water Use Category(ies).....Landscape Irrigation  
Water Use Location.....Sand-and-Gravel Aquifer System  
Average Daily Withdrawal.....87,000 Gallons per Day  
Maximum Monthly Withdrawal...5,970,000 Gallons per Month

Temporary Permit No.: 1514

CUP Application No.: 107478

Pending WUP No.: 20060002

Application Well ID	Casing Diameter	Total Well Depth	Cased Depth
#1 (AAL8740)	4-Inch	50 Feet	20 Feet - Existing
#2 (AAL8741)	4-Inch	50 Feet	20 Feet - Existing
#3 (AAL8742)	4-Inch	50 Feet	20 Feet - Existing
#4 (To Be Assigned)	4-Inch	50 Feet	20 Feet - Existing
#5 (To Be Assigned)	4-Inch	50 Feet	20 Feet - Existing
#6 (To Be Assigned)	4-Inch	50 Feet	20 Feet - Existing
#7 (To Be Assigned)	4-Inch	50 Feet	20 Feet - Existing
#8 (To Be Assigned)	4-Inch	50 Feet	20 Feet - Existing

Jonathan P. Steverson,  
Executive Director

Date

Specific Conditions: See Attachment

GEORGE ROBERTS  
Chair  
Panama City

JERRY PATE  
Vice Chair  
Pensacola

JOHN ALTER  
Malone

GUS ANDREWS  
DeFuniak Springs

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GARY CLARK  
Chipley

JON COSTELLO  
Tallahassee

NICK PATRONIS  
Panama City Beach

BO SPRING  
Port Saint Joe

**TEMPORARY PERMIT #1514**

**ATTACHMENT**

**Hammock Bay Homeowners Association**

Individual Water Use Permit No. 20060002

Individual Water Use Application No. 107478

1. The Permittee shall take and utilize reuse water at the time it is available, and discontinue the use authorized by this permit. The Permittee shall properly plug and abandon wells FP #1 through FP #8 upon implementation of reuse. The Permittee, by January 31 of each year, shall provide to the District a status report on the implementation of reuse, which details progress and scheduling of the implementation efforts.
2. The Permittee shall encourage and provide for the efficient and non-wasteful use of water and shall implement water-conservation measures designed to enhance water-use efficiency and reduce water demand and water losses. The Permittee shall conduct an Irrigation Efficiency Management Plan that supports the efficient use of irrigation and includes elements addressing siting of plots, drought-tolerant vegetation, irrigation system equipment, irrigation scheduling, and any other pertinent subjects. An updated Plan shall be submitted by January 31, 2010.



## Northwest Florida Water Management District

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

Jonathan P. Steverson  
Executive Director

Phone: (850) 539-5999 • Fax: (850) 539-2693

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Applicant: Edgewater Beach Resort  
Attn: Jeff Peterson  
11212 Front Beach Road  
Panama City Beach, Florida 32407

Water Use Category(ies).....Aesthetic Use, Landscape Irrigation, Golf Irrigation  
Water Use Location.....Floridan Aquifer System, Golf Course Pond  
Average Daily Withdrawal.....213,900 Gallons per Day  
Maximum Daily Withdrawal.....469,100 Gallons per Day  
Maximum Monthly Withdrawal ... 11,850,000 Gallons per Month

Temporary Permit No.: 1513

CUP Application No.: 107480

Pending WUP No.: 19870185

Well ID	Casing Diameter	Total Well Depth	Cased Depth	Status
EBR 1 (AAB0972)	6-Inch	690 Feet	297 Feet	Existing
EBR 2 (AAA6948)	8-Inch	250 Feet	200 Feet	Existing
EBR 4 (AAK3132)	6-Inch	80 Feet	60 Feet	Existing
EBR 5 (AAN5049)	6-Inch	78 Feet	58 Feet	Existing
EBR 6 (AAN5054)	4-Inch	90 Feet	30 Feet	Existing
EBR 7 (AAN5053)	4-Inch	90 Feet	30 Feet	Existing
EBR 8 (AAN5055)	4-Inch	50 Feet	30 Feet	Existing

GEORGE ROBERTS  
Chair  
Panama City

JERRY PATE  
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Pensacola

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GUS ANDREWS  
DeFuniak Springs

STEPHANIE BLOYD  
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GARY CLARK  
Chipley

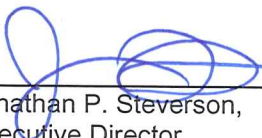
JON COSTELLO  
Tallahassee

NICK PATRONIS  
Panama City Beach

BO SPRING  
Port Saint Joe



Surface Water ID	Intake (Inches)	Pump Horsepower	Pump Capacity (GPM)	Status
GC #1	3-Inch	50	500	Existing
LS #1	3-Inch	25	250	Existing
LS #2	3-Inch	25	250	Existing

  
 Jonathan P. Steverson,  
 Executive Director

06/25/2014

Date

Specific Conditions: See Attachment

**TEMPORARY PERMIT #1513**  
**ATTACHMENT**  
**Edgewater Beach Resort**

Pending Individual Water Use Permit No. 19870185  
Individual Water Use Application No. I07480

1. The Permittee shall include the Individual Water Use Permit number 19870185 and Florida Unique Identifications for the ground water facilities (e.g. AAK3132), and the Intake Identifications for the surface water facilities (e.g. LS #1) when submitting reports or otherwise corresponding with the District.
2. The Permittee shall maintain, in working order, in-line totaling flow meters at each well. The Permittee shall install, by September 1, 2011, and thereafter maintain, in working order, in-line totaling flow meters at each surface water intake (LS #1, LS #2, and GC #1).
3. The Permittee shall limit total surface water withdrawals (via intakes LS #1, LS #2, and GC #1) to an average daily amount of 54,000 gallons, a maximum daily amount of 134,600 gallons, and a maximum monthly amount of 3,390,000 gallons.
4. The Permittee, prior to withdrawing ground water from wells EBR #4 and EBR #5, shall maximize the use of surface water in the stormwater ponds.
5. The Permittee shall utilize the Floridan Aquifer wells (wells EBR #1 and EBR #2) only for emergency back-up use to supplement the stormwater ponds during times when both wells EBR #4 and EBR #5 are inoperable.
6. The Permittee, by January 31, April 30, July 31, and October 31 of each year, shall report the data required on Water Use Summary Reporting Form NFWFMD A2-I for the preceding three months. The ground water and surface water withdrawals shall be reported separately by withdrawal facility and source. The Permittee shall report the total amounts withdrawn from each source. The Permittee, if preferred, may submit the report electronically by downloading the correct form from the District website, filling it out properly, and e-mailing it to [compliance@nwfwmf.state.fl.us](mailto:compliance@nwfwmf.state.fl.us).
7. The Permittee shall operate the irrigation systems in an efficient and non-wasteful manner. The Permittee shall limit irrigation activity to the lower evapotranspiration period from 4:00 p.m. to 10:00 a.m. The Permittee shall frequently evaluate the efficiency of each of its irrigation units and undertake necessary maintenance, repairs, and upgrades to provide for the proper efficiency of its equipment. Runoff from the irrigation system shall be minimized by adjusting sprinkler direction and the timely repair of any leaks. The Permittee shall utilize rain sensing or similar devices which override the automatic irrigation system when adequate rainfall occurs. The Permittee shall equip all wells and irrigation systems with an anti-siphoning device if chemicals are to be applied through the irrigation system.
8. The Permittee, to the extent feasible, shall implement for the golf courses all practices identified in the document Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses (2007). The document can be accessed at the website: <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>. The Permittee, by January 31 of each year, shall report all practices implemented during the previous year by utilizing Appendix E, the Golf Course Best Management Practices Checklist.

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

M E M O R A N D U M

TO: Governing Board

THROUGH: Jonathan P. Steverson, Executive Director  
Brett Cyphers, Assistant Executive Director  
W. Guy Gowens, Director, Division of Resource Management

FROM: Paul Thorpe, Resource Planning Program Manager

DATE: October 1, 2014

SUBJECT: Draft Northwest Florida Water Management District Strategic Plan Update  
(Informational Item)

---

Attached is a proposed update to the Northwest Florida Water Management District Strategic Water Management Plan (SWMP), which is being provided for informational purposes at this time. Consideration and final action on the plan by the Governing Board will be requested at the November Governing Board meeting.

Section 373.036, Florida Statutes (F.S.), provides the Governing Board the option of developing an annual strategic plan in lieu of a five-year District Water Management Plan. The strategic plan is intended to reflect and guide the agency's strategic priorities for at least a five-year period. The statute requires the strategic plan to establish these priorities and to identify goals, strategies, success indicators, funding sources, deliverables, and milestones to accomplish the strategic priorities. The statute further requires, as an addendum, a separate annual work plan report on the strategic plan's implementation, addressing success indicators, deliverables, and milestones.

The District's first SWMP was approved in 2010. This update will revise the plan to reflect six strategic priorities, consistent with those addressed in the District's budget and the August 1, 2014, Tentative Budget report:

- Springs Protection and Restoration – Protect and restore water quality and flows within the major spring systems of Northwest Florida.
- Minimum Flows and 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 freshwater inflow.
- Water Supply – Ensure sufficient water is available for all existing and future reasonable-beneficial uses and natural systems.

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

For each of these priorities, the SWMP identifies indicators of accomplishment, funding sources, deliverables, and milestones. The plan outlines an anticipated five-year schedule of accomplishment and establishes the content of the Annual Work Plan Report (AWPR). The AWPR will be submitted each year with the District's March 1 Consolidated Annual Report.

The SWMP is not a self-executing plan; specific actions and expenditures, as always, will be developed for separate consideration and approval. The plan will be reviewed and updated annually as needed, based on results outlined in the AWPR as well as direction from the Governing Board and input from the public.

This draft plan is available for public review and comment via the District's website. This opportunity for public participation will be provided on a continuing basis to support future updates. The public is also afforded the opportunity to participate in the development of other plans and documents, which are essentially components of the SWMP. Examples include regional water supply plans, the Florida Forever Land Acquisition Work Plan, and District rules.

Staff will bring the final SWMP update before the Governing Board for approval on November 13, 2014. Any further direction the Board may have at this time will be encompassed in the final SWMP.

**DRAFT**

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# Strategic Water Management Plan

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October 2014

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*Northwest Florida Water  
Management District*

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Program Development Series 14-XX

# NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT



## Headquarters

81 Water Management Drive  
Havana, Florida 32333-4712  
(850) 539-5999

## Tallahassee

Carr Building, Suite 225  
3800 Commonwealth Blvd., MS  
LS225  
Tallahassee, FL 32399  
(850) 921-2986

## Crestview

180 E. Redstone Avenue  
Crestview, Florida 32539  
(850) 683-5044

## Milton

5453 Davisson Road  
Milton, FL 32583  
Tel. (850) 626-3101

## Marianna

4765 Pelt Street  
Marianna, FL 32446  
(850) 482-9522

## Econfina

6418 E. Highway 20  
Youngstown, FL 32466  
(850) 722-9919

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## GOVERNING BOARD

### George Roberts

Panama City  
Chair

### Jerry Pate

Pensacola  
Vice Chair

### John Alter

Malone

### Bo Spring

Port St. Joe

### Gary Clark

ChIPLEY

### Gus Andrews

DeFuniak Springs

### Nick Patronis

Panama City Beach

### Jon Costello

Tallahassee

---

### Jonathan P. Steverson

*Executive Director*

---

# 1. Introduction

---

The Strategic Water Management Plan (SWMP or Strategic Plan) describes statutory responsibilities of the Northwest Florida Water Management District (NFWFMD or District) and the agency's current priorities. These responsibilities and priorities encompass those activities the District plans to undertake over a five-year planning horizon to accomplish its mission: to implement the provisions of Chapter 373, Water Resources, Florida Statutes (F.S), in a manner that best ensures the continued welfare of the residents and natural systems of northwest Florida.

## ***Strategic Priorities for Fiscal Years 2015-2019***

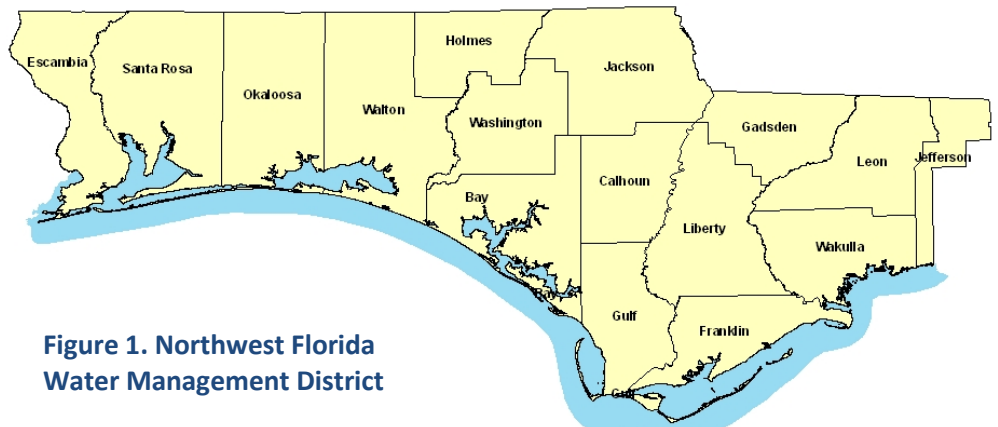
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- ❖ ***Springs Protection and Restoration*** – *Protect and restore water quality and flows within the major spring systems of northwest Florida.*
  - ❖ ***Minimum Flows and Levels (MFLs)*** – *Develop and implement science-based MFLs that protect water resources and associated natural systems.*
  - ❖ ***Apalachicola-Chattahoochee-Flint River Basin*** – *Protect Apalachicola River and Bay water quality and freshwater inflow.*
  - ❖ ***Water Supply*** – *Ensure sufficient water is available for all existing and future reasonable-beneficial uses and natural systems.*
  - ❖ ***Watershed Protection and Restoration*** – *Protect and restore watershed resources and functions.*
  - ❖ ***Flood Protection and Floodplain Management*** – *Maintain natural floodplain functions and minimize harm from flooding.*
- 

Section 2 summarizes the strategies employed to accomplish these priorities and outlines success indicators, funding sources, deliverables, and milestones, as well as associated activities planned over the five-year planning horizon.

## About the Northwest Florida Water Management District

The NFWMD is one of five water management districts established by the Florida Water Resources Act of 1972 (Chapter 373, F.S.). Its geographic region extends from the St. Marks River watershed in Jefferson County to the Perdido River in Escambia County.

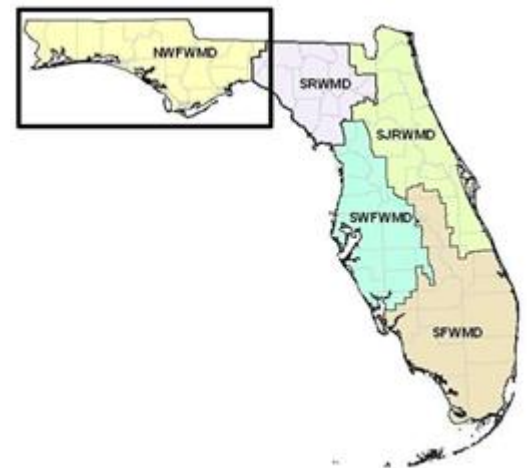


**Figure 1. Northwest Florida Water Management District**

A nine-member board appointed by the Governor and confirmed by the Senate governs the NFWMD. The agency works with federal, state, and local governments; water supply utilities; non-governmental stakeholders; and private citizens to accomplish its statutory areas of responsibility, as described below.

### Mission

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 natural systems of northwest Florida.



### Statutory Areas of Responsibility

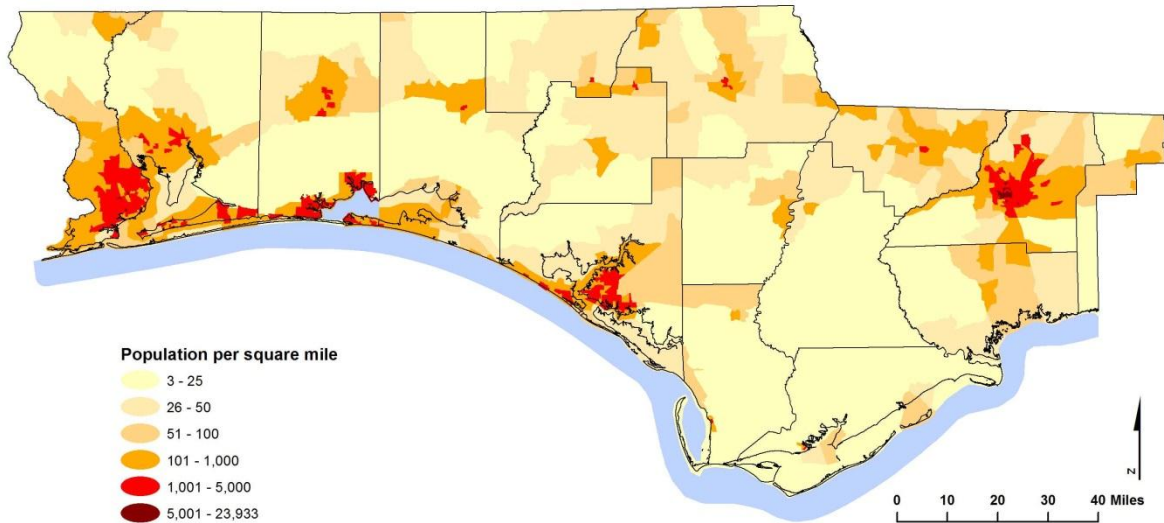
Section 373.036, F.S., sets forth four interrelated areas of responsibility (AORs) for the water management districts: Water Supply, Flood Protection and Floodplain Management, Water Quality, and Natural Systems. Goals for each of these AORs are:

<b>Water Supply</b>	Promote the availability of sufficient water for all existing and future reasonable-beneficial uses and natural systems.
<b>Flood Protection and Floodplain Management</b>	Maintain natural floodplain functions and minimize harm from flooding.
<b>Water Quality</b>	Protect and improve the quality of the District's water resources.
<b>Natural Systems</b>	Protect and enhance natural systems.

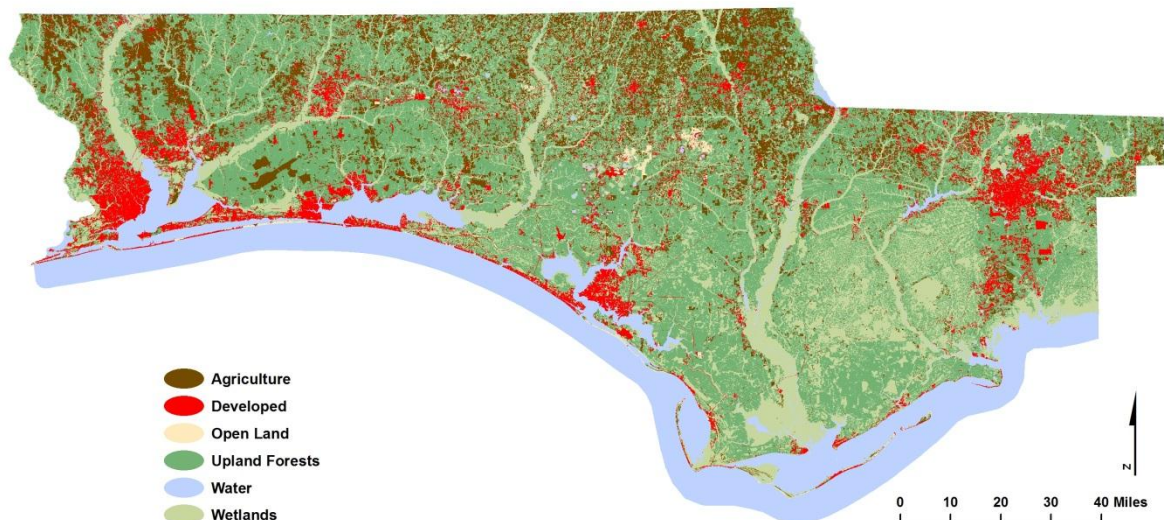


### Characteristics

As of 2013, there were nearly 1.4 million permanent residents in northwest Florida, with much of the population concentrated along the coastal region from Escambia through Bay counties, as well as in Tallahassee and the surrounding area (Figure 2). Much of the District's non-urban land is devoted to forestry and agriculture, with areas of concentrated development corresponding to population centers (Figure 3). Private forestlands cover much of the District, and prominent public lands include military bases, state and national forests, national wildlife refuges, state parks, and District lands.



**Figure 2. 2010 Population Density Based on Census Blocks**



**Figure 3. 2010 Land Use and Land Cover**

Portions of northwest Florida experienced significant population growth from 2000 to 2008. Growth slowed in 2009 and 2010 (University of Florida 2013), resuming in 2010, but apparently moderated from prior levels. The District-wide population estimate for 2013 was 1,387,289 (University of Florida 2014), a 1.6 percent increase over the 2010 population. Population is projected to grow to

1,645,933 by 2035 (University of Florida 2013), a 21 percent increase over 20 years. In recent decades, substantial areas have been transformed from forested and rural in character to suburban and urban. More recently, some rural areas of the District are experiencing increases in agricultural activity. Such growth presents potential water resource challenges throughout the region, including increased demand for water supplies, stormwater runoff and nonpoint source pollution, increased risks from flooding, reduced groundwater recharge, and fragmentation of wetlands and other sensitive habitats.

**Table 1. Population and Growth by County**

<b>County</b>	<b>2000 Population Estimate</b>	<b>2010 Population Estimate</b>	<b>2035 Population Projection<sup>1</sup></b>	<b>Percent Change 2010 - 2035</b>
Bay	148,217	168,852	209,100	24%
Calhoun	13,017	14,625	16,900	16%
Escambia	294,410	297,619	319,300	7%
Franklin	11,057	11,549	12,000	4%
Gadsden	45,087	46,389	50,500	9%
Gulf	13,332	15,863	16,400	3%
Holmes	18,564	19,927	21,600	8%
Jackson	46,755	49,746	50,700	2%
Jefferson <sup>2</sup>	7,741	10,417	11,433	10%
Leon	239,452	275,487	332,700	21%
Liberty	7,021	8,365	11,300	35%
Okaloosa	170,498	180,822	216,400	20%
Santa Rosa	117,743	151,372	218,800	45%
Wakulla	22,863	30,776	41,900	36%
Walton	40,601	55,043	87,200	58%
Washington	20,973	24,896	29,700	19%
<b>Total</b>	<b>1,217,331</b>	<b>1,361,748</b>	<b>1,645,933</b>	<b>20.9%</b>

<sup>1</sup>Medium growth scenario

<sup>2</sup>Portion of county estimated within NFWFMD. In 2010 based on Census blocks.

Sources: Population estimates by U.S. Census Bureau. Population projections by UF 2013.

### ***Strengths, Opportunities, and Challenges***

The District's strengths can be found in the development of effective partnerships and cooperative relationships with other governmental and private organizations with complementary functions and authority, as well as its extensive water management lands that protect water quality, floodplains, water recharge areas, and ecosystem health and productivity. The District has also made substantial progress developing alternative and inland water resources to meet water supply needs and interconnecting utilities for system reliability.

There are opportunities to expand water conservation and efficiency, to further develop reuse of reclaimed water and other alternative water supply sources, to protect undeveloped floodplains and important recharge areas, and to adopt new technology and data sources.

Northwest Florida faces continuing challenges with respect to water and related resources across all four AORs. Examples of such challenges are coastal saltwater intrusion, out-of-state water withdrawals, and nonpoint source pollution.

Current strengths, opportunities, and challenges are outlined in Table 2.

**Table 2. Strengths, Opportunities, and Challenges**

<b>Strengths</b>	<ul style="list-style-type: none"> <li>• Partnership and cooperation with other governmental and private organizations with complementary functions and authority</li> <li>• Extensive water management lands and other public lands that protect water quality, floodplains, water recharge, and ecosystem health and productivity</li> <li>• Ability to leverage significant external funding</li> <li>• Technical capability and long-term outlook</li> <li>• Updated Chapter 40A-2 F.A.C. rules for Consumptive Use Permitting in 2014 for state-wide consistency and permit streamlining</li> </ul>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>• Alternative water supply sources</li> <li>• Potential for additional water conservation</li> <li>• Potential for reuse system development and expansion to meet nonpotable demands, to provide beneficial aquifer recharge, and to enhance water quality</li> <li>• Enhanced data collection, technical analyses, and MFL establishment for priority waterbodies</li> <li>• Federal and other external funding sources that can match and extend existing funds</li> <li>• New technology and data sources</li> </ul>
<b>Challenges</b>	<ul style="list-style-type: none"> <li>• Out-of-state water withdrawals and wastewater discharges</li> <li>• Diminished water quality at some of the District's signature springs</li> <li>• Saltwater intrusion in some coastal population centers</li> <li>• Rising demands for most water use categories, including public supply</li> <li>• Periodic and discrete weather events (e.g., droughts, floods, and tropical storms)</li> <li>• Nonpoint source pollution</li> <li>• Fragmentation of wetlands and other water-related habitats</li> <li>• Hydrologic and water quality data gaps</li> <li>• Infrastructure funding limitations, particularly on the part of financially disadvantaged small local governments</li> </ul>

## ***Strategic Planning Process***

### **Strategic Water Management Plan**

The SWMP reflects priorities of the Governing Board through a five-year planning horizon. The plan is implemented annually through the District's adopted budget.

### **Annual Progress Review and Strategic Plan Update**

The SWMP Annual Work Plan Report is incorporated in the Consolidated Annual Report, released each year by March 1. To meet the requirements of s. 373.036, F.S., this report includes qualitative and quantitative evaluation of the success indicators, deliverables, and milestones identified in Section 2. The Strategic Plan is updated based on these results and in consideration of emerging issues and the District's annual budget.

### **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 agency will carry out major activities over a five-year planning horizon. It is important to recognize that many of these activities are implemented through subordinate plans, adopted rules, and programs (Table 3) that directly execute the strategies outlined in the SWMP. Thus, the SWMP reflects an integrated response to the major water resource challenges facing the District.

Table 3. Operational Documents

Plan / Regulation	Purpose (Primary Statute)	Horizon
<b>Strategic Water Management Plan</b>	Establish strategic priorities for a next five-year period. District-wide plan for water supply, flood protection, water quality, and natural systems (373.036, F.S.)	Five years; updated annually
<b>Incorporates:</b>		
<a href="#">Regional Water Supply Plans</a>	Identify water sources, demands, and alternative water supply sources (373.709, F.S.)	20 years; updated every five years
<a href="#">Water Resource Development Work Program</a>	Development of alternative sources within regional water supply planning areas (373.709, F.S.)	Five years; updated annually
<a href="#">Water Supply Assessment</a>	Estimates and projections of District-wide water demand and source assessments (373.036, F.S.)	20 years; updated every five years
<a href="#">Florida Forever Land Acquisition Work Plan</a>	District-wide land acquisition plan (373.199, F.S.)	Five years; updated annually
<a href="#">Florida Forever Capital Improvements Plan</a>	Short-range plan for implementation of approved capital improvement projects (373.199, F.S.)	Five years; updated annually
<a href="#">NFWFMD-FEMA Cooperating Technical Partner Risk MAP Business Plan</a>	Risk Map, flood mapping and related activities plan for the Northwest Florida Water Management District (373.036, F.S.)	Five years; updated annually
<a href="#">Umbrella, Watershed-based Regional Mitigation Plan</a>	District-wide wetland mitigation (373.4137, F.S., 33 U.S.C. 1344)	Updated annually
<a href="#">SWIM Priority List</a>	Prioritize watersheds and waterbodies for SWIM plan development (373.453, F.S.)	Updated annually
<a href="#">SWIM Plans (multiple)</a>	Watershed protection, management, and restoration (373.451-459, F.S.)	Continuous; updated as needed
<a href="#">Hydrologic Monitoring Plan</a>	Surface and ground water hydrologic and water quality monitoring (373.036; 373.451-459, F.S.)	Continual; updated as needed
<a href="#">Minimum Flows and Levels (MFLs) Priority List</a>	Priority list for development of MFLs (373.042, F.S.)	Updated annually
<a href="#">Ch. 40A-1, FAC</a>	General and Procedural (373.044, F.S.)	Continuous
<a href="#">Ch. 40A-2, FAC</a>	Regulation of Consumptive Uses of Water (373.203-250, F.S.)	Continuous
<a href="#">Ch. 40A-21, FAC</a>	Water Shortage Plan (373.246(1), F.S.)	Continuous
<a href="#">Ch. 40A-3, FAC</a>	Regulation of Wells (373.302-342, F.S.)	Continuous
<a href="#">Ch. 40A-44, FAC</a>	Regulation of Agricultural and Forestry Surface Water Management Projects (373.403-443, F.S.)	Continuous
<a href="#">Ch. 40A-6, FAC</a>	Works of the District (373.084-087, F.S.)	Continuous
<a href="#">Ch. 62-330, FAC</a>	Environmental Resource Permitting (373.4131, F.S.)	Continuous

## 2. Strategic Priorities for 2015-2019

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Implementation of the District's strategic priorities is accomplished through coordinated activities within each of the agency's major divisions: Land Management and Acquisition, Resource Management, Regulatory Services, and Administration. This section summarizes each of the strategic priorities and goals, together with indicators, funding sources, deliverables, and milestones. Deliverables include work products and milestones within the planning horizon that support each goal. Table 4 on page 16 provides the current implementation schedule.

### ***Springs Protection and Restoration***

Springs protection and restoration is carried out through the District's Surface Water Improvement and Management (SWIM), MFL, Land Management and Acquisition, Consumptive Use Permitting, and Environmental Resource Permitting programs. Current initiatives and priorities include the following:

- FY 2014-2015 Springs Protection and Restoration Initiative – New cooperative restoration and water resource development projects are planned to improve conditions in Wakulla Springs, Jackson Blue Spring, and springs associated with the Holmes Creek and Econfinia Creek systems.
- Williford Spring Restoration – The District has initiated restoration activities for Williford Spring, within the Econfinia Creek Water Management Area (WMA) in Washington County. These activities include sediment removal and extensive bank restoration using natural, non-structural designs. The use of precast pavers for the terrace and spring entry steps and construction of a watercraft docking point will enhance public use while preventing damage to the resource.
- Devil's Hole Spring Stream Bank Restoration – Also in the Econfinia Creek WMA, the Devil's Hole site has experienced bank erosion from high public use, which has degraded aquatic habitat. The project will involve stabilizing the east and west banks of Econfinia Creek in the area of Devil's Hole Spring. Visitor facilities will be constructed to direct use to boardwalks, a canoe dock, and an overlook in order to protect a unique geologic formation and prevent streambank degradation.
- Holmes Creek Stream Bank Restoration – Three restoration sites are located along Holmes Creek in Washington County within the Choctawhatchee River and Holmes Creek WMA. Streambank restoration and protection activities will occur at Live Oak, Hightower Springs, and Spurling landings. Each site will receive vegetated retaining walls utilizing geotextiles and native vegetation, stormwater facilities, access road and parking improvements, and protective fencing. Individual sites are to receive other improvements including a spring observation deck.
- Jackson Blue Spring Basin Agricultural Best Management Practices – In FY 2013-2014, the District began a major initiative to help agricultural producers in the Jackson Blue Spring basin integrate an array of best management practices (BMPs) into their farming operations. These practices, implemented in cooperation with the Florida Department of Agriculture and Consumer Services (DACS), Florida Department of Environmental Protection (DEP), and the Jackson Soil and Water Conservation District, are expected to conserve water and improve water quality without compromising production yields.
- Water Quality and Flow Monitoring – The District is continuing water quality monitoring at Wakulla, Jackson Blue, Pitt, Econfinia Blue, and Williford springs and measuring continuous spring flows at Jackson Blue and Wakulla springs and the Spring Creek springs group in coastal Wakulla County.



- **Land Management** – The District owns and manages more than 41,000 acres within the Econfina Creek WMA to protect groundwater recharge, spring flow, and water quality within the Econfina Creek springs complex, which includes first magnitude Gainer Springs. This in turn protects water supply and water quality in the downstream Deer Point Lake Reservoir – the main source of drinking and industrial water supply for Bay County.
- **Minimum Flows and Levels** – Development of MFLs, as described below, is important to the long-term protection and, as needed, restoration of spring systems. In support of the MFL program, the District has begun intensive data collection for St. Marks River Rise, Wakulla Springs, and Sally Ward Spring. A work plan, which outlines the data needs, technical assessments, and project schedule, is also being developed for Jackson Blue Spring.
- **Consumptive Use Regulation** – Permitting of groundwater withdrawals is a tool for preventing significant impacts to the groundwater resources contributing to spring systems and water supplies.

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#### **Springs Protection and Restoration**

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Strategic Priority:	Protect and restore water quality and flows within the major spring systems of northwest Florida.
Indicators:	(1) Project accomplishment (percent completion on schedule) (2) Trends in nitrate concentrations (3) Trends in spring flows
Funding sources:	(1) Ecosystem Management and Restoration Trust Fund (2) Water Management Lands Trust Fund (3) General Fund Reserves (4) State Legislative Appropriations
Deliverables:	(1) Mobile Irrigation Lab evaluation reports (2) Water quality data (3) Spring discharge data
Milestones:	(1) Completion of Devil’s Hole spring stream bank restoration (2015) (2) Completion of Williford Spring restoration (2015-2016) (3) Implementation of funded BMPs for farmers in the Jackson Blue Spring basin and Mobile Irrigation Lab evaluations (2015-2016) (4) Completion of Holmes Creek streambank stabilization (2016)

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### ***Minimum Flows and Levels***

Implementation of an effective MFL 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 level is defined as the limit at which further withdrawals would be significantly harmful to the water resources or the ecology of the area. The MFL program integrates other efforts, including consumptive use permitting, regional water supply planning, and watershed restoration. The District has initiated efforts to greatly enhance data collection and complete MFL technical assessments for St. Marks River Rise, Wakulla Springs, and Sally Ward Spring. The District has also initiated development of work plans for Jackson Blue Spring and the coastal Floridan aquifer in Walton, Okaloosa, and Santa Rosa counties. Over the next five years, enhanced data collection and technical assessments will begin for the coastal Floridan Aquifer in Franklin County and in the region encompassing Walton, Okaloosa, and Santa Rosa counties, as well as for Jackson Blue Spring.

The MFL program is implemented according to the MFL priority list and schedule, which is updated annually and submitted to DEP for review. The current schedule may be found online at [www.nwfwater.com/water-resources/minimum-flows-levels/](http://www.nwfwater.com/water-resources/minimum-flows-levels/).

<b>Minimum Flows and Levels</b>	
Strategic Priority:	Develop and implement science-based MFLs that are protective of natural systems and associated public resources.
Indicators:	(1) MFL technical assessment accomplishment (number and percent complete per the approved schedule) (2) Waterbodies meeting their adopted MFLs (number and percentage)
Funding sources:	(1) General Fund Reserves (2) Legislative Appropriations (3) Water Management Lands Trust Fund
Deliverables:	(1) Completed MFL technical assessments according to the approved schedule
Milestones:	(1) Completion of technical assessment for the St. Marks River Rise (2018)

### ***Apalachicola-Chattahoochee-Flint (ACF) River Basin***

An ongoing District priority is working with state agencies and local governments to protect the economic and ecological viability of the Apalachicola River and Bay and its surrounding watershed in Florida. Priorities over the current five-year period include continued technical assistance to the Governor and DEP in the ongoing legal case between the states of Florida and Georgia over freshwater allocation in the ACF river basin; development of an updated three-dimensional hydrodynamic model of Apalachicola Bay to facilitate assessments of freshwater inflows, bay bathymetry, and boundary conditions; and implementation of several cooperative water quality improvement projects in coastal Franklin County. The District is also developing an updated freshwater flow model for the Apalachicola River and delta, as well as for Tates Hell Swamp. Additionally, the District has completed several hydrologic restoration projects in Tates Hell Swamp to enhance the quality, quantity and timing of freshwater inflows to Apalachicola Bay. The BMP program for farmers in Jackson County to improve the health of Jackson Blue Spring also supports ACF basin sustainability through water conservation and water quality protection.



<b>Apalachicola-Chattahoochee-Flint River Basin</b>	
Strategic Priority:	Protect Apalachicola River and bay water quality and freshwater inflow.
Indicators:	(1) Cooperative project implementation (number and percent complete per the planned schedule) (2) Area restored (acres) (3) Stormwater treatment area (acres)
Funding sources:	(1) Ecosystem Management and Restoration Trust Fund (2) Water Management Lands Trust Fund (3) State Legislative Appropriations (4) General Fund Reserves
Deliverables:	(1) Updated hydrodynamic model of Apalachicola Bay (2014)
Milestones:	(1) Complete hydrologic restoration activities in the Whiskey George basin of Tates Hell Swamp (2014) (2) Completion of four cooperative stormwater retrofit projects: Battery Park Basin, US 98 and 16th Street basin, Prado Outfall basin, and Avenue I basin (2015)

## ***Water Supply***

The District works to ensure availability of sufficient water for all existing and future reasonable-beneficial uses and natural systems through coordinated resource planning and regulation efforts. These include the following:

- **Consumptive Use Permitting** – This Division of Regulatory Services, Bureau of Groundwater Protection oversees review, issuance, renewal, and enforcement of 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.
- **Regulation of Wells** – The Division of Regulatory Services, Bureau of Groundwater Protection also coordinates the review, issuance, and enforcement of well permits and water well contractor licensing. Activities covered are well construction, repair, and abandonment. This program protects the public and the resource, while also serving the regulated community.
- **District-wide Water Supply Assessment** – This assessment encompasses a periodic District-wide evaluation of current and future water demands and the sustainability and sufficiency of water supply sources.
- **Regional Water Supply Planning** – This activity provides for development and implementation of focused plans, developed in cooperation with regional stakeholders, to identify and develop alternative water supply sources as needed to meet long-term water supply needs while also sustaining water resources and natural systems.
- **Water Resource Development** – The District implements regional-scale projects that increase the availability of water supplies to meet long-term water supply needs. Examples of such projects include planning for water reuse and conservation, data collection, and source modeling and evaluation.

- **Water Supply Development Assistance** – Financial and technical assistance is provided to local governments and utilities for water supply development. This effort includes grant funding designed to meet local challenges while also accomplishing regional priorities for resource management.
- **Land Management** – Protection, restoration, and management of water management lands is a major component of the District’s effort to ensure the long-term sustainability of the region’s water supplies. For example, the Econfina Creek WMA was acquired to secure the primary recharge area for Floridan Aquifer Springs that provide a major part of the baseflow of Econfina Creek, which is the major tributary of Deer Point Lake Reservoir – the primary source of potable water for Bay County.

During FY 2013-2014, both the five-year Water Supply Assessment update and the Regional Water Supply Plan update for Region III (Bay County) were completed. Additionally, the District has entered into cooperative funding agreements with local governments and utilities across northwest Florida to accomplish major investments in the region’s water supply infrastructure. This includes projects funded as part of the District’s Water Supply Development Community Assistance Initiative competitive grant program.

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### Water Supply

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**Strategic Priority:** Sufficient water will be available for all existing and future reasonable-beneficial uses and natural systems.

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**Indicators:**

- (1) RWSP water demands met (Volume [MGD] and percentage)
- (2) Public Supply uniform gross per capita water use (GPCD and trend)
- (3) Public Supply uniform residential per capita water use (GPCD and trend)
- (4) Water reuse to offset the use of potable quality water and to achieve other related beneficial uses (volume [MGD] and trend)

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**Funding sources:**

- (1) Ad Valorem Tax Revenue
- (2) General Fund Reserves
- (3) Water Protection and Sustainability Program Trust Fund
- (4) State Legislative Appropriations
- (5) Water Management Lands Trust Fund

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**Deliverables:**

- (1) District-wide Water Supply Assessment Update
- (2) RWSP Updates

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**Milestones:**

- (1) District-wide Water Supply Assessment Update (2014)
- (2) Region III RWSP Update (2014)
- (3) Region II RWSP Update (2017)
- (4) Interim District-wide Reclaimed Water Evaluation (2015)
- (5) Adoption of more consistent rules statewide for permitting of individual water use (CUPCon) through coordination with FDEP and the other four WMDs (2014)
- (6) Revision of well construction rule (2015)
- (7) Initiation of new regulatory database system (eReg) (2015)

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### ***Watershed Protection and Restoration***

Through the SWIM program, the District follows a watershed-based, cooperative approach to protect and restore water and habitat quality for regionally significant waterbodies. Currently, the District is focusing efforts on water and habitat quality within Apalachicola and St. Andrew bays. Efforts also continue to address priority needs for watersheds across northwest Florida. Among current initiatives and priorities are:

- Land Management – The District has acquired 211,152 acres of land critical to the protection of water quality, flood protection and floodplain management, natural systems, and water supply. In addition to protecting water and related resources, these lands provide for public access and recreation.
- Environmental Resource Permitting (ERP) – The ERP program integrates stormwater management and treatment and wetland permitting. The program seeks to protect multiple watershed and wetland functions including water quality, fish and wildlife habitat, flood protection, shoreline stability, and aquifer recharge.
- Florida Department of Transportation (FDOT) Mitigation – In accordance with section 373.4137, F.S., the District assists FDOT in developing wetland mitigation for transportation infrastructure development in service areas not covered by private mitigation banks. In the process, wetland resources and functions are protected and restored on a landscape scale.
- Gulf of Mexico Restoration – The District continues to work in cooperation with DEP, the Florida Fish and Wildlife Conservation Commission (FWC), and other regional stakeholders in Gulf of Mexico restoration. These activities help to implement the federal RESTORE Act and to effectively use civil penalty funding from MOEX Offshore, LLC, (MOEX) to mitigate damages incurred from the 2010 Deepwater Horizon oil spill.
- Tate's Hell Swamp Restoration – The District continues to implement hydrologic and habitat restoration projects as detailed in the Tate's Hell State Forest Hydrologic Restoration Plan. These projects restore wetlands and support estuarine water quality improvement.
- SWIM Program – The SWIM program provides the planning framework for watershed management, protection, and restoration District-wide. Plans have been approved for the major riverine-estuarine watersheds from Pensacola Bay through the St. Marks River watershed. Current projects are to implement stormwater retrofits in cooperation with the cities of Apalachicola, Carrabelle, Panama City, Parker, Callaway, and Mexico Beach.
- Spring Restoration and Protection – Activities described above for spring restoration and protection are major priorities for watershed management in northwest Florida.

As is evident from the set of priority activities described, watershed protection and restoration efforts address the full range of the District's AORs. As such, there is significant overlap among the projects, indicators, deliverables, and milestones with the other strategic priorities described.

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**Watershed Protection and Restoration**


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Strategic Priority:	Protect and restore watershed resources and functions.
Indicators:	(1) Balance of released mitigation credits, reflective of net functional lift under the District's Umbrella Mitigation Plan (credits) (2) Cooperative project implementation (number and percent complete per the planned schedule) (3) Contributing area for newly installed stormwater treatment (acres)
Funding sources:	(1) Ecosystem Management And Restoration Trust Fund (2) Water Management Lands Trust Fund (3) State Legislative Appropriations (4) General Fund Reserves (5) FDOT Mitigation Funding (6) RESTORE Act and MOEX funds (7) Florida Forever Trust Fund
Deliverables:	(1) Annual Regional Wetland Mitigation Plan and Mitigation Monitoring Reports (2) SWIM Program Summary Report within the Consolidated Annual Report
Milestones:	(1) In-Lieu-Fee Instrument fully permitted by U.S. Army Corps of Engineers (2014) (2) Completion of four cooperative stormwater retrofit projects in the Apalachicola River and Bay Watershed: Battery Park Basin, US 98 and 16th Street basin, Prado Outfall basin, and Avenue I basin (2015) (3) Completion of four cooperative stormwater retrofit projects in the St. Andrew Bay Watershed: Panama City Maple Ave., Bay Co. Ed Lee Rd., Parker Drainage and Water Quality Improvements, and Callaway Stormwater Retrofit (2015)

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***Flood Protection and Floodplain Management***

Flood protection and floodplain management are essential components of watershed protection. Several current initiatives and programs address flood protection. These include:

- Flood Hazard Mapping, Assessment and Planning – The District continues to work in cooperation with the Federal Emergency Management Agency (FEMA) on flood map modernization and the Risk Mapping, Assessment, and Planning (MAP) program. This effort includes collaboration with state and local agencies to deliver quality data to increase public awareness of and support for actions that reduce flood-related risks. Risk MAP projects for the lower Ochlockonee River, Apalachicola River, New River, Chipola River, Pensacola Bay, Perdido Bay, Perdido River and Apalachee Bay – St. Marks River watersheds have been initiated. In the near term, the District expects to complete updated coastal DFIRMs for Franklin, Jefferson, and Wakulla counties and to continue detailed coastal remapping studies for Escambia, Santa Rosa, Okaloosa, Walton, Bay, and Gulf counties.
- 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, Choctawhatchee,

and St. Andrew bay 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.

- Environmental Resource Permitting – Among the important functions of the ERP program, as described above, is floodplain resource protection and thus protection of property and residents from potential flood damage through the regulation and management of storm water, including dam design, construction, and maintenance.
- Regional Wetland Mitigation – Floodplain functions are protected on a landscape scale through implementation of the District’s regional wetland mitigation program for FDOT.
- Flood Information Portal – The District provides internet access to digital flood maps throughout northwest Florida through the Flood Information Portal: [portal.nwfwmdfloodmaps.com](http://portal.nwfwmdfloodmaps.com).
- Light Detection and Ranging (LiDAR) website – High-resolution topographic elevation data is available to the public online through the District’s LiDAR web site: [www.nwfwmdlidar.com](http://www.nwfwmdlidar.com).

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#### **Flood Protection and Floodplain Management**

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Strategic Priority:	Protect floodplain functions for the benefit of human communities and natural systems
Indicators:	(1) Area of floodplain protected through fee or less-than-fee acquisition (acres) (2) Percent of the District with updated DFRIMs meeting FEMA standards and criteria
Funding sources:	(1) Federal Emergency Management Agency (2) Ecosystem Management and Restoration Trust Fund (3) State Legislative Appropriations (4) General Fund Reserves (5) Water Management Lands Trust Fund (6) FDOT Mitigation Funding
Deliverables:	(1) Coastal DFIRMs for Franklin, Jefferson, and Wakulla counties (2014) (2) Risk MAP regulatory and non-regulatory products according to discovery report for each study area
Milestones:	(1) Completion of DFIRM updates for Franklin, Jefferson, and Wakulla counties (2014) (2) Completion of coastal remapping studies for Escambia, Santa Rosa, Okaloosa, Walton, Bay, and Gulf counties (2016)

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## Implementation

Table 4 identifies key planned activities within each priority area and outlines the currently anticipated schedule of implementation over the five-year planning horizon.

**Table 4. Anticipated Schedule of Tasks**

<i>Activities</i>	<i>FY 14-15</i>	<i>FY 15-16</i>	<i>FY 16-17</i>	<i>FY 17-18</i>	<i>FY 18-19</i>
<b>Springs Protection and Restoration</b>					
Williford Spring Restoration	Construction	Completion			
Devil's Hole Spring Stream Bank Restoration	Initiation	Completion			
Holmes Creek stream bank restoration	Initiation	Completion			
Jackson Blue Spring Basin Agricultural BMPs	Ongoing				
<b>Minimum Flows and Levels</b>					
Enhanced District-wide Monitoring	Ongoing				
St. Marks River Rise	Ongoing				
Coastal Franklin County Floridan Aquifer		Initiation			
Coastal Region II Floridan Aquifer		Initiation			
Wakulla Springs and Sally Ward Spring	Ongoing				
Jackson Blue Spring				Initiation	
<b>ACF Basin Management</b>					
Interstate coordination and technical support	Ongoing				
Cooperative Water Quality Improvement Projects	Ongoing				
Updated hydrodynamic model	Completion				
St. Andrew Bay Water Quality Projects	Ongoing				
Apalachicola Bay Water Quality Projects	Ongoing				

Table 3. Anticipated Schedule of Tasks (Continued)

<i>Activities</i>	<i>FY 14-15</i>	<i>FY 15-16</i>	<i>FY 16-17</i>	<i>FY 17-18</i>	<i>FY 18-19</i>
<b>Water Supply</b>					
Consumptive Use Permitting	Ongoing				
Regulation of Wells	Ongoing				
Water Supply Assessment				Update Initiation	Completion
Regional Water Supply Planning		Region II RWSP update		Completion	Region III RWSP update
Region II Groundwater Model	Initiation			Completion	
Water Supply Development Assistance	Ongoing				
Reuse Planning	Ongoing				
<b>Watershed Protection and Restoration</b>					
Environmental Resource Permitting	Ongoing				
Regional Wetland Mitigation	Ongoing				
Land Management	Ongoing				
Gulf of Mexico Restoration Support and Technical Assistance	Ongoing				
St. Andrew Bay Water Quality Projects	Ongoing				
Apalachicola Bay Water Quality Projects	Ongoing				
<b>Flood Protection and Floodplain Management</b>					
Environmental Resource Permitting	Ongoing				
Regional Wetland Mitigation	Ongoing				
Dam Safety Program	Ongoing				
Land Management	Ongoing				
Flood Hazard Mapping, Assessment and Planning	Ongoing				
Updated DFIRMs	Ongoing				
Coastal remapping studies	Ongoing			Completion	

### 3. Monitoring and Reporting

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#### ***Annual Work Plan Report***

As required by section 373.036, F.S., the Strategic Plan provides for an annual performance review and identification of milestones and deliverables to assess implementation. The review is incorporated as Chapter One of the NFWMD March 1<sup>st</sup> Consolidated Annual Report ([www.nfwwater.com/data-publications/reports-plans/consolidated-annual-reports/](http://www.nfwwater.com/data-publications/reports-plans/consolidated-annual-reports/)). Elements of the Strategic Plan addressed in the report are:

- a) Evaluation of progress toward accomplishing strategic priorities;
- b) Evaluation of indicators specified in Section 2;
- c) Accomplishment of milestones and deliverables; and
- d) Project-based accomplishments from the past fiscal year.

The evaluation of indicators serves several purposes within a strategic plan. Beyond providing an assessment of program implementation, identification and evaluation of indicators helps to further an understanding of resource conditions and to clarify objectives and intended results. Evaluating measures and indicators provides internal and external feedback for ascertaining whether a given project is achieving intended results and whether the underlying strategy is appropriate or should be revised.

#### ***Additional Periodic Reporting***

The Consolidated Annual Report also includes several other annual reports on District programs:

- a) Minimum Flows and Levels Annual Report;
- b) Annual Five Year Capital Improvement Plan;
- c) Five Year Water Resource Development Work Program Annual Report;
- d) Alternative Water Supplies Annual Report;
- e) Florida Forever Work Plan Annual Report;
- f) Mitigation Donation Annual Report; and
- g) Surface Water Improvement and Management (SWIM) Program Summary Report.

In addition to the annual reporting described above, each of the state's water management districts completes and submits data for a set of common metrics on a quarterly basis to the Florida DEP. These metrics focus extensively on process efficiency, while also including a limited set of measures intended to reflect resource conditions and management (Table 5):



**Table 5. Statewide Water Management District Performance Metrics**

<b>Permitting – CUP, ERP</b>
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 > 2 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
Permit Process Time for Legislative Extensions and Emergency Orders (ERP only)
Cost to Process Legislative Extensions and Emergency Orders (ERP only)
<b>Mission Support</b>
Administrative costs as a percentage of total expenditures
Average travel expenditure per employee
Percentage of planned vehicle/vessel/equipment maintenance performed on schedule
Percentage of vehicles/vessel/equipment exceeding minimum replacement threshold
Average cost per vehicle for scheduled/preventive maintenance
Percent of planned and unplanned maintenance by number of maintenance work orders for vehicles/vessels/equipment
Contract Concessions - Renewals and Reprocurements
Contract Concessions - Savings
Percentage of office equipment exceeding minimum replacement threshold
Average age of fleet (one ton and under)
Average mileage of assigned vehicles (one ton and under) in fleet
Average mileage of assigned vehicles (over one ton) in fleet
Average mileage of pool vehicles (one ton and under) in fleet
Average age of fleet (one ton and under) at time of surplus
Average mileage of fleet (one ton and under) at time of surplus
<b>Water Supply</b>
District-wide, the quantity (mgd) and percentage of the 2010-2030 Public Supply increase in demand that has been met separately by non-water conservation projects, and by water conservation (only) projects
Uniform gross per capita water use (Public Supply) by District
Uniform residential per capita water use (Public Supply) by District
<b>Natural Systems</b>
Number of acres and percentage of District lands evaluated for surplus
Number of acres and percentage of surplus lands sold, exchanged, or leased
Number of acres of surplus land approved for sale, trade or lease by the Governing Board
Cost/acre for lands managed by the District (not total acreage owned)
Cost/acre prescribed fire
Cost/acre for invasive plant control
Number of MFLs and Reservations, by water body 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
<b>MFL Priorities List Table</b>
MFL Priorities List Table

## 4. Financial Resources

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The state constitution limits the NFWMD to 1/20th (.05 mills) of the ad valorem taxing authority afforded to the other four water management districts. The District's current ad valorem tax millage rate, as set by the Governing Board, is 0.039. To meet its areas of responsibility, the District must rely on other sources of funding, when available, including the following:

- Water Management Lands Trust Fund – management of District-owned lands, Environmental Resource Permitting, programmatic operations, water supply planning and development, research and data collection, and watershed management.
- Water Protection and Sustainability Program Trust Fund – alternative water supply development and water resource development
- Legislative special appropriations – spring protection and restoration, watershed restoration, and other state priorities
- Florida Forever – capital improvements for watershed restoration
- Dedicated reserves – water supply development, land management, and regional wetland mitigation
- Federal grants – leverage District and state funding
- Local government and water supply utility cost sharing – implement cooperative projects

In the near term, District reserve funds will be used to supplement other available financial resources to support recurring activities, including MFLs, regional water supply planning, and land management activities. Given the nonrecurring nature of the funding source, the District will continue to apply stringent controls over the use of these dollars in order to obtain the maximum benefit. General cost-saving measures continue to be developed and implemented in a strategic manner to maximize the amount of time these programs can be supported.

The District's budget is adopted annually in September. The budget is submitted at a preliminary level in January of each year and as a proposed budget as the August 1 Tentative Budget Submission. The District's current adopted budget, as well as the Preliminary and Tentative budget submissions may be found online at [www.nfwwater.com/business-finance/district-budget/](http://www.nfwwater.com/business-finance/district-budget/).

## 5. References

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MEMORANDUM

TO: Northwest Florida Water Management District Governing Board

FROM: J. Breck Brannen, General Counsel

RE: Legal Counsel Report

DATE: October 1, 2014

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Northwest Florida Water Management District v. Jan Sebastian, State of Florida, Division of Administrative Hearings, Case No. 14-2793. This case involves the issuance by the District of a Notice of Violation and Order for Corrective Action, File No. MSSW 04-2011-001 14 1948, to Sebastian in order to enforce Chapter 373, Part IV, Florida Statutes, and Chapter 62-330, Florida Administrative Code, for the failure by Sebastian to properly maintain the dam on her property and ordering Sebastian to comply with District rules and repair the emergency spillway of the dam to the standards set forth in Rule 62-330, Section 2.11 Applicant's Handbook Volume II. In response to the Notice of Violation and Order for Corrective Action, Sebastian petitioned for administrative hearing alleging primarily that she is not the party responsible for the repair of the dam.

This is an enforcement action taken against a property owner for improper modification of and failure to maintain a dam. The final hearing before Administrative Law Judge Bram D. E. Canter has been rescheduled to October 30 – 31, 2014, in Tallahassee.