

SRF - State Revolving Fund

Report: Priority List Report(Attachment 1) DWSRF

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION											
DRINKING WATER SRF PRIORITY LIST FY 2022											
DRAFT FOR:05/25/2022											
FUNDABLE PORTION TIER 1											
TIER	PRIORITY SCORE	APPLICANT/ PROJECT NBR	PROJECT TYPE	PROJECT DESCRIPTION	ADOPTION DATE	APPLICATION DEADLINE	AGREEMENT DEADLINE	AUTHORIZED LOAN AMT	PRINCIPAL FORGIVENESS AMT	AMOUNT TO BE REPAID	U
Tier1	656	Moore Creek- Mt. Carmel Utilities, Inc. * 57100	DW/Con	Source (Construction of 2 Wells)	08/11/2021 02/22/2022	12/09/2021	AWARDED	\$62,839	\$0	\$62,839	
Tier1	561	Haines City 53045	DW/Con	Treatment (WTPs Upgrades) Source,	11/10/2021	03/10/2022	06/08/2022	\$1,962,591	\$0	\$1,962,591	
Tier1	421	Polk Regional Water Cooperative 53200	DW/Plan/Des	Treatment, Distribution (SE Wellfield, RO and Transmission)	02/23/2022	06/23/2022	09/21/2022	\$20,000,000	\$0	\$20,000,000	
Tier1	414	Stuart 43045	DW/Con	Treatment and Disposal (RO WTP and DIW Mod and reject)	02/23/2022	06/23/2022	09/21/2022	\$4,888,901	\$0	\$4,888,901	
Tier1	401	Hollywood 06049	DW/Con	Treatment (Water Main Replacement)	08/11/2021	12/09/2021	AWARDED 10/25/2021	\$668,257	\$0	\$668,257	
Tier1	389	Big Bend Water Authority* 15052	DW/Plan/Des	Distribution (Water Main Improvements)	02/23/2022	06/23/2022	09/21/2022	\$36,000	\$0	\$36,000	
Tier1	383	Sanford 59019	DW/Con	Treatment (Main WTP Improvements)	08/11/2021	12/09/2021	AWARDED 01/26/2022	\$6,457,000	\$0	\$6,457,000	
Tier1	371	Trenton* 21011	DW/Con	Distribution (Water Main Replacement)	05/25/2022	09/22/2022	12/21/2022	\$861,210	\$0	\$861,210	
Tier1	303	Hollywood 0604D	DW/Con	WTP RO Disposal	02/23/2022	06/23/2022	09/21/2022	\$20,000,000	\$0	\$20,000,000	
Tier1	303	Hollywood 0604D	DW/Con	Treatment (DIW Pump Station & RO Effluent Removal)	08/11/2021	12/09/2021	AWARDED 11/23/2021	\$19,331,743	\$0	\$19,331,743	
Tier1	178	Carrabelle* 19042	DW/Con	Distribution (Extend water to Lighthouse subd)	02/23/2022	06/23/2022	09/21/2022	\$1,320,000	\$0	\$1,320,000	
Tier1	155	Palatka 54022	DW/Con	Distribution (Phase III Water Supply Upgrade)	11/10/2021	03/10/2022	AWARDED 01/26/2022	\$3,114,862	\$0	\$3,114,862	
Tier1	152	Palatka 54025	DW/Con	Treatment (GAC Filters)	05/25/2022	09/22/2022	12/21/2022	\$1,565,700	\$0	\$1,565,700	
Tier1	133	Mascotte* 35121	DW/Des	Treatment (WTP Improvements Phase 1A)	02/23/2022	06/23/2022	09/21/2022	\$1,757,800	\$878,900	\$878,900	
Tier1	100	Bonita Springs Utilities, Inc. 36071	DW/Con	Distribution (Meter Replacement)	11/10/2021	03/10/2022	06/08/2022	\$1,014,409	\$0	\$1,014,409	
<b>TOTAL AWARDED SEGMENTS:</b>								\$29,634,701	\$0	\$29,634,701	
<b>TOTAL UNAWARDED SEGMENTS:</b>								\$53,406,611	\$878,900	\$52,527,711	
<b>TOTALS:</b>								\$83,041,312	\$878,900	\$82,162,412	

\*Small community &lt;=10,000 (based on the 2010 Census for projects Listed after 6/30/2011)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 DRINKING WATER SRF PRIORITY LIST FY 2022  
 FUNDABLE PORTION TIER 2 & 3

DRAFT FOR:05/25/2022

TIER	PRIORITY SCORE	APPLICANT/ PROJECT NBR	PROJECT TYPE	PROJECT DESCRIPTION	ADOPTION DATE	APPLICATION DEADLINE	AGREEMENT DEADLINE	AUTHORIZED LOAN AMT	PRINCIPAL FORGIVENESS AMT	AMOUNT TO BE REPAID	U
Tier2	564	Opa-Locka* 13038	DW/Plan/Des	Distribution (Miami Gardens	02/23/2022	06/23/2022	09/21/2022	\$152,600	\$76,300	\$76,300	
Tier2	511	Mobile Manor, Inc* 36087	DW/Con	Distribution (Water Line and Meter Replacement)	08/11/2021 02/03/2022	12/09/2021	AWARDED	\$2,315,728	\$2,084,155	\$231,573	
Tier3	483	American Beach Water and Sewer District* 45051	DW/Con	Distribution (Connecting to Existing Water System)	08/11/2021	12/09/2021	03/09/2022	\$2,523,500	\$2,064,825	\$458,675	
Tier3	480	Fellsmere* 31031	DW/Con	Distribution (AMR Meter Replacement)	02/23/2022	06/23/2022	09/21/2022	\$605,981	\$545,383	\$60,598	
Tier3	464	Opa-Locka* 13038	DW/Con	Distribution (Miami Gardens)	02/23/2022	06/23/2022	09/21/2022	\$1,581,996	\$1,423,796	\$158,200	
Tier3	452	Arcadia* 14013	DW/Con	Distribution (Water System Improvements)	08/11/2021	12/09/2021	03/09/2022	\$6,135,100	\$2,250,000	\$3,885,100	
Tier3	442	Eagle Lake* 53091	DW/Des	Treatment (Green Acres WTP Improvements)	02/23/2022	06/23/2022	09/21/2022	\$286,586	\$143,293	\$143,293	
Tier3	439	Parker* 03072	DW/Con	Distribution (Water System Improvements)	08/11/2021	12/09/2021	03/09/2022	\$2,951,441	\$1,287,271	\$1,664,170	
Tier3	436	Belleview* 42077	DW/Con	Treatment (WTP#3 Upgrades Ph1)	02/23/2022	06/23/2022	09/21/2022	\$6,072,651	\$2,250,000	\$3,822,651	
Tier3	422	Lake Wales 53037	DW/Con	Distribution (NW Water Main Extension)	02/23/2022	06/23/2022	09/21/2022	\$2,549,100	\$501,630	\$2,047,470	
Tier3	421	Lake Wales 5303B	DW/Con	Distribution (Water Main Replacement)	05/25/2022	09/22/2022	12/21/2022	\$3,670,000	\$0	\$3,670,000	
Tier3	421	Orange City* 64204	DW/Con	Treatment & Distribution (Pipe Rehabilitation & Looping)	08/11/2021	12/09/2021	AWARDED 01/28/2022	\$17,250,898	\$2,250,000	\$15,000,898	
Tier3	414	Stuart 43045	DW/Con	Treatment (RO WTP, WRF DIW Mod, RO Concentrate Pipe)	08/11/2021	12/09/2021	03/09/2022	\$17,319,799	\$893,319	\$16,426,480	
Tier3	389	Big Bend Water Authority* 15052	DW/Des	Distribution (Water Distribution Replacement & Meters)	08/11/2021	12/09/2021	AWARDED 11/15/2021	\$333,526	\$166,763	\$166,763	
Tier3	371	Bowling Green* 25028	DW/Plan	Distribution ( Water main improvements Ph1)	02/23/2022	06/23/2022	09/21/2022	\$60,000	\$30,000	\$30,000	
Tier3	364	Bonifay* 30014	DW/Con	Distribution (Water Distribution Replacement )	08/11/2021	12/09/2021	AWARDED 05/25/2022	\$2,804,503	\$2,236,374	\$568,129	
Tier3	360	Holt Water Works, Inc.* 46032	DW/Des	Source, Treatment, Storage (Well, WTP and	02/23/2022	06/23/2022	09/21/2022	\$525,000	\$262,500	\$262,500	

				ES1)							
Mulberry*				Distribution							
Tier3	353	53122	DW/Plan	(Water main improvements)	02/23/2022	06/23/2022	09/21/2022	\$67,000	\$33,500	\$33,500	
Springfield*				Treatment							
Tier3	358	03051	DW/Con	(Water System Rehabilitation)	08/11/2021	12/09/2021	03/09/2022	\$2,038,000	\$1,236,633	\$801,367	
Tier3	337	Gulf County 23022	DW/Con	Treatment (Booster Station)	02/23/2022	06/23/2022	09/21/2022	\$932,200	\$393,625	\$538,575	
Tier3	320	Dania Beach 06123	DW/Con	Source (Capacity Purchase in C51 Reservoir)	08/11/2021	12/09/2021	03/09/2022	\$4,600,000	\$0	\$4,600,000	
Tier3	320	Newberry 01081	DW/Plan	Storage (Water tank replacement)	02/23/2022	06/23/2022	09/21/2022	\$150,000	\$0	\$150,000	
Tier3	318	Davenport* 53073	DW/Plan	Source (AWS Well)	02/23/2022	06/23/2022	09/21/2022	\$80,000	\$40,000	\$40,000	
Tier3	300	Village of Tequesta 50270	DW/Con	Distribution (Water main replacement 1 & 4)	02/23/2022	06/23/2022	09/21/2022	\$2,631,932	\$0	\$2,631,932	
Tier3	156	Jackson County* 32038	DW/Con	Distribution (Water main to Indian Springs)	02/23/2022	06/23/2022	09/21/2022	\$6,696,354	\$2,250,000	\$4,446,354	
Tier3	152	Lakeland 54025	DW/Con	Treatment (Install Granular Activated Carbon Filter)	08/11/2021	12/09/2021	AWARDED 03/24/2022	\$1,470,000	\$0	\$1,470,000	
Tier3	122	Okeechobee Utility Authority 47013	DW/Con	Distribution (AMI Meter Installation)	02/23/2022	06/23/2022	09/21/2022	\$2,318,844	\$457,796	\$1,861,048	
Tier3	111	Pompano Beach 06248	DW/Con	Source (Capacity Purchase in C51 Reservoir)	02/23/2022	06/23/2022	09/21/2022	\$9,200,000	\$0	\$9,200,000	
Tier3	100	Yulee 58048	DW/Con	Treatment (WTP Switchgear Replacement )	08/11/2021	12/09/2021	AWARDED 01/14/2022	\$17,461,565	\$0	\$17,461,565	
<b>TOTAL AWARDED NEW PROJECTS:</b>								\$41,636,220	\$6,737,292	\$34,898,928	
<b>TOTAL UNAWARDED NEW PROJECTS:</b>								\$73,148,084	\$16,139,871	\$57,008,213	
<b>TOTALS:</b>								\$114,784,304	\$22,877,163	\$91,907,141	

\*Small community <=10,000 (based on the 2010 Census for projects Listed after 6/30/2011)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 DRINKING WATER SRF PRIORITY LIST FY 2022  
 WAITING PORTION

DRAFT FOR:05/25/2022

PRIORITY SCORE	APPLICANT/ PROJECT NBR	PROJECT TYPE	PROJECT DESCRIPTION	ESTIMATED UNFUNDED COST
421	Polk Regional Water Cooperative 53200	DW/Plan/Des	Source, Treatment, Distribution (SE Wellfield, RO and Transmission)	\$7,046,516
303	Hollywood 0604D	DW/Con	Treatment (DIW Pump Station & RO Effluent Removal)	\$39,007,507
UNCOMMITTED WAITING PORTION TOTAL:				\$46,054,023

\*Small community <=10,000 (based on the 2010 Census for projects Listed after 6/30/2011)

**Equivalency Projects (Obligated on Priority List but are Currently Unawarded)**

Sponsor Name	Funding#	Awarded Amount	PF Awarded	Type
Starke	04021	\$ 185,000	\$ 92,500	Planning
Parker	03072	\$ 2,951,441	\$ 1,287,271	Construction
Dania Beach	06123	\$ 4,600,000	\$ -	C-51 Capacity Purchase
Stuart	43045	\$ 17,319,799	\$ 2,250,000	Construction
Springfield	03051	\$ 2,038,000	\$ 1,236,633	Construction
Eagle Lake	53091	\$ 286,585	\$ 143,293	Design
Jackson County	32038	\$ 5,778,680	\$ 2,250,000	Construction
Bellevue	42077	\$ 5,256,000	\$ 2,250,000	Construction
Okeechobee Utility Authority	47013	\$ 2,318,844	\$ 457,796	Construction (meters)
Haines City	53045	\$ 1,962,591	\$ -	Construction
Davenport	53073	\$ 80,000	\$ 40,000	Planning
Polk Regional Water Cooperative	53200	\$ 14,859,774	\$ -	Design
Polk Regional Water Cooperative	53200	\$ 5,521,516	\$ -	Planning
Stuart	43045	\$ 4,888,901	\$ 893,319	Construction
Big Bend Water Authority	15052	\$ 36,000	\$ -	Planning/Desing
Carrabelle	19042	\$ 1,320,000	\$ -	Construction
Mascotte	35121	\$ 1,757,800	\$ 878,900	Rollover to Design
Opa-Locka	13038	\$ 152,600	\$ 76,300	Planning/Design
Opa-Locka	13038	\$ 1,581,996	\$ 1,423,796	Construction
Gulf County	23022	\$ 932,200	\$ 393,625	Construction
Bowling Green	25028	\$ 60,000	\$ 30,000	Planning
Holt Water Works, Inc.	46032	\$ 525,000	\$ 262,500	Design
Mulberry	53122	\$ 67,000	\$ 33,500	Planning
Newberry	01081	\$ 150,000	\$ -	Planning
Fellsmere	31031	\$ 605,981	\$ 545,383	Construction (meters)
Lake Wales	53037	\$ 2,549,100	\$ -	Construction
Pompano Beach	06248	\$ 9,200,000	\$ -	C-51 Capacity Purchase
Village of Tequesta	50270	\$ 2,631,932	\$ -	Construction
Trenton	21011	\$ 861,210	\$ -	Construction
Palatka	54025	\$ 1,565,700	\$ -	Construction
Lake Wales	5303B	\$ 3,670,000	\$ 501,630	Construction
<b>Total Listed Base Equivalency Projects</b>		<b>\$ 25,389,485</b>	<b>\$ 7,259,834</b>	<b>Equivalency Met</b>
<b>Total Listed Supplemental Equivalency Projects</b>		<b>\$ 70,324,165</b>	<b>\$ 7,786,612</b>	<b>Short on Subsidization*</b>

\* While the current unawarded priority list projects fall short of meeting the subsidization requirement for the Supplemental Cap. Grant, we plan on have a big August list meeting in which we plan on catching up on the \$18M in principal forgiveness projects we can count toward that requirement.

**ATTACHMENT 3**

**AUTOMATED CLEARING HOUSE PAYMENT SCHEDULE**

**ATTACHMENT 3: ACH PAYMENT SCHEDULE AND CASH DRAWS**

**FFY 2022 GRANT, AUTOMATED CLEARING HOUSE, PAYMENT SCHEDULE AND CASH DRAWS**

	Federal FY 2023 QTR 1 / State FY 2023 QTR 2	Federal FY 2023 QTR 2 / State FY 2023 QTR 3	Federal FY 2023 QTR 3 / State FY 2023 QTR 4	Federal FY 2023 QTR 4 / State FY 2024 QTR 1	TOTAL
ACH PAYMENT SCHEDULE - BASE	\$5,489,709	\$10,979,418	\$10,979,418	\$0	<b>\$27,448,545</b>
ACH PAYMENT SCHEDULE - GENERAL SUPPLEMENTAL	\$0	\$18,887,733	\$25,970,634	\$25,970,634	<b>\$70,829,000</b>
	Federal FY 2023 QTR 1 / State FY 2023 QTR 2*	Federal FY 2023 QTR 2 / State FY 2023 QTR 3	Federal FY 2023 QTR 3 / State FY 2023 QTR 4	Federal FY 2023 QTR 4 / State FY 2024 QTR 1	TOTAL
CASH DRAW SCHEDULE FOR PROJECTS -BASE	\$5,489,709	\$10,979,418	\$10,979,418	\$0	<b>\$27,448,545</b>
CASH DRAW SCHEDULE FOR PROJECTS - GENERAL SUPPLEMENTAL	\$0	\$18,887,733	\$25,970,634	\$25,970,634	<b>\$70,829,000</b>

**\* State Match will be used first before first draw on any Federal Cap Grant**

Note: State Fiscal Year is July 1 through June 30

**APPENDIX A**

**PUBLIC MEETING ANNOUNCEMENTS**

**MEETING MINUTES AND SUMMARY OF OUTSTANDING ISSUES**

**STATE RESPONSES TO OUTSTANDING ISSUES**



## Notice of Meeting/Workshop Hearing

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

The Department of Environmental Protection, State Revolving Fund Program announces a public meeting to which all persons are invited.

DATE AND TIME: August 10, 2022, 2:00 p.m. – 4:00 p.m.

PLACE: Teleconference 1-888-585-9008, Conference Room Number 462-182-431

GENERAL SUBJECT MATTER TO BE CONSIDERED: A workshop will commence at 2:00 p.m. to present the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Fiscal Year 2021 Intended Use Plans for public review and comment. Then, immediately following and continuing until not later than 4:00 p.m., a public meeting will be held to discuss the issues and recommendations for management of the FY 2021 CWSRF and DWSRF priority lists of projects to be funded with loans under Chapter 62-503, F.A.C. and Chapter 62-552, F.A.C.

A copy of the agenda may be obtained by contacting: Shanin Speas-Frost, State Revolving Fund Program, 3900 Commonwealth Boulevard, Mail Station 3505, Tallahassee, Florida 32399-3000, (850) 245-2991, [Shanin.SpeasFrost@FloridaDEP.gov](mailto:Shanin.SpeasFrost@FloridaDEP.gov).

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

For more information, you may contact: Shanin Speas-Frost, (850)245-2991, [Shanin.SpeasFrost@FloridaDEP.gov](mailto:Shanin.SpeasFrost@FloridaDEP.gov), State Revolving Fund Program, 3900 Commonwealth Boulevard, Mail Station 3505, Tallahassee, Florida 32399-3000.

**APPENDIX B**

**WORK PLAN FOR SMALL SYSTEM TECHNICAL ASSISTANCE AND PWSS SET-  
ASIDES WORKPLAN**

***Attachment B***  
***Work Plan for Small System Technical Assistance and***  
***Public Water System Supervision Set-Aside***

**Division of Water Resource Management**  
**Florida Department of Environmental Protection**

**June 30, 2022**



## ***I. Small System Technical Assistance***

**Total Funding Amount:** A total of \$551,700 is allocated to the Florida Rural Water Association (FRWA) which is two percent of the State Drinking Water State Revolving Fund (DWSRF) allocation.

### **A. Circuit Riders**

#### **1. Funding Amount: \$265,350**

**2. Full Time Equivalent Positions (FTEs) to Implement:** No additional FTEs for the Florida Department of Environmental Protection (DEP) are specified herein for grant management. They will be provided by Drinking Water Program staff under the Public Water System Supervision (PWSS) Program grant. FRWA, the contractor, will provide **three drinking water circuit riders, one engineer, and one trainer to assist water systems** (approximately 60% or \$66,318 of one of the Drinking Water Circuit Rider positions will be funded from the State Program Management).

#### **3. Goals**

- a) Provide technical assistance and training to small public water systems serving populations of less than 10,000 persons. This includes small mobile home parks, retirement villages, water associations, community water systems, and non-transient non-community water systems.
- b) Assist systems in meeting 1996 Safe Drinking Water Act (SDWA) amendments.
- c) Provide technical assistance in the implementation of special studies to evaluate compliance issues that affect a group of water systems to provide broad based guidance. These studies will also provide assistance to Area-Wide Optimization Program (AWOP), DWSRF, and Capacity Development Programs for existing systems.

#### **4. Objectives**

- a) Ensure compliance of small public water systems in the preparation of consumer confidence reports. This is an ongoing yearly activity, and DEP will refer problem systems to the FRWA for assistance in preparation of these reports. Training sessions will be held as necessary to guide owners and operators of small community public water systems in the use of the DEP's recommended template for the consumer confidence reports required by the 1996 SDWA amendments.
- b) Assist public water systems that have been identified as a part of the State's Capacity Development Strategy as potentially benefiting from assistance relating to their technical, managerial or financial capacity. FRWA will also assist public water systems that have been identified as a part of the State's Capacity Development Strategy through their routine circuit rider and engineer services.
- c) Inform public water systems about the State's Revolving Loan Program. The FRWA circuit riders have been trained in the Request for Inclusion process and the State Revolving Fund (SRF) rules. They will assist small systems in applying for an SRF loan or grant.
- d) FRWA circuit riders will assist water systems in evaluating their vulnerability to contamination from pesticides and other selected contaminants. Systems with low vulnerability will be assisted in applying to DEP for a monitoring waiver to reduce monitoring requirements.
- e) Assist systems with source water protection activities (informing the correct people about the needed cooperation to carry out a source water protection program is best led by a third party; in this case, the FRWA circuit riders).
- f) Assist systems with Disinfection Byproducts Stage 2, Groundwater, and Lead and Copper (LCR) Rules Compliance. FRWA circuit riders will assist systems in developing sampling/monitoring plans, four-log demonstrations, evaluating corrosion control, and other rule related compliance issues.
- g) Provide other technical assistance as needed. All current and new FRWA circuit riders are trained in the day-to-day functions of a water plant. Some are certified

operators. Technical assistance will be provided for the following specific major reasons:

- i. Water System Compliance
  - ii. Correcting deficiencies noted by the state during a Sanitary Survey or System Upgrade
  - iii. Compliance with Capacity Development Strategy Guidelines
  - iv. Operations and Maintenance
- h) Provide technical assistance to help small disadvantaged systems apply for loans and grants through the DWSRF program.
  - i) Perform special projects to investigate technical or managerial problems that appear to affect a group of systems.

## **5. Circuit Riders' Output**

- a) Visits and Tracking
  - i. During the coming year, FRWA circuit riders will make a minimum of 2,520 technical assistance visits to systems.
- b) The monthly circuit rider reports will specify the number of visits (contacts) and the type of assistance provided. Types of assistance provided include, but are not limited to, evaluating cross connection/backflow concerns and plan implementation, Consumer Confidence Reports (CCRs), Lead and Copper, Groundwater, Disinfection Byproduct (DBP) Rule implementation, Maximum Contaminant Level (MCL) violations, public notice requirements, rule education, sampling/monitoring, source protection, and sanitary survey preparation/follow-up. These monthly progress reports will also include narratives of significant contacts.
- c) DEP will track activities and water system progress toward compliance and monitoring objectives. Meetings will be held with FRWA as needed to guide their efforts to match

the Drinking Water Program's needs.

d) Operator Training

- i. The circuit riders will attend and provide training at FRWA monthly seminars. They will also be encouraged to plan and hold problem solving sessions as the need arises. Problem solving sessions are scheduled when two or more systems are experiencing the same problem which can potentially be resolved by bringing the systems in and doing specialized training about their common problems, typically well disinfection, rate analysis, leak detection or water sampling technique.
- ii. The FRWA will conduct six seminars, "Focus on Change," to train operators on new rule requirements and program priorities.

**6. Deliverables**

- a) For the six circuit riders, FRWA and DEP maintain electronic and paper records of FRWA's monthly reports, which include primary reason and secondary reason codes. This allows for tracking of the associated types of technical assistance. Primary reason codes are:
  - i. Actual Compliance (AC): dealing directly with an issue that brings the system back into compliance.
  - ii. Potential Compliance (PC): dealing with technical challenges which affect compliance.
  - iii. Management/Finance (MF): dealing with managerial and/or financial issues.
  - iv. Conservation (CO): dealing with leak detection, water audits, and other issues related to water conservation.
  - v. Operations/Maintenance (OM): dealing with the operations and/or maintenance of the distribution system, pumps, tanks, and other parts of the water system.
  - vi. Treatment (TR): relating to coagulation/flocculation, disinfection, filters/filtration,

and other matters relating to treatment.

- vii. Outreach (OR): involves contacting public water systems to inform them of the assistance available through this contract.

Each primary reason code has several secondary reason codes which can be chosen to qualify the primary reason code. Reports also include the identity of the water system, the date assisted, and other information.

The reports will allow for the tracking of the assisted system's identity, dates assisted, hours spent, the nature of the assistance and whether SRF program/application assistance was provided.

## **7. Schedule of Activities to Complete**

- a) Florida has approximately 4,833 public water systems that serve fewer than 10,000 persons each. It is anticipated that the types of contacts made by FRWA in 2022-23 will be as follows: 700 Actual Compliance; 250 Outreach; 380 Capacity Development; and 1,260 Potential Compliance.
- b) A minimum of twelve small system training classes and an accumulation of 300 hours or more related to performance hours this year.
- c) Six "Focus on Change" program seminars will be conducted.

## **8. Responsibilities of Agencies Involved**

- a) The state of Florida is under a contract for the provision of technical assistance and training to small public water systems with the FRWA. Six trained circuit riders are targeting their technical assistance efforts toward water systems serving populations of less than 10,000. This includes small mobile home parks, retirement villages, water associations, community water systems, and non-transient non-community water systems.
- b) The FRWA circuit riders cover the entire state and respond to calls from the water



systems themselves, DEP, the Florida Department of Health (DOH) headquarters, and any of the seven approved local county health department programs. FRWA also reaches systems through outreach efforts initiated by FRWA.

- i) These efforts will be an integral part of the State's Drinking Water Compliance, Capacity Development, Monitoring Reduction and Source Water Protection Programs.

## **9. Department Evaluation Process Involved**

- a) Measurement of compliance rate with drinking water regulations.
- b) Completion rate and timeliness of completion by water system representatives of training programs conducted by FRWA in: Lead and Copper, Disinfection Byproducts, Groundwater, Total Coliform, Synthetic Organic Carbons, Volatile Organic Carbons, Secondary, and Inorganic monitoring, and other subjects.
- c) Accomplishment by FRWA of the technical assistance goals relating to the assistance provided.

## **B. Water System Trainer**

### **1. Funding Amount: \$143,175.00**

**2. FTEs to Implement:** No additional FTEs for DEP are specified herein for grant management.

### **3. Goals**

- a) Provide technical assistance and training to small public water systems and their operators serving populations of less than 10,000 persons and covering the entire state. This includes small mobile home parks, retirement villages, water associations, community water systems, and non-transient non-community water systems. The trainer will target assistance for one-half of his time to small system operators and the remaining time to complex groundwater systems and surface water systems.

- b) Provide technical training to Drinking Water Program staff and groups of water system owners and operators at seminars and water industry meetings.

#### **4. Objectives**

- a) Assist systems in meeting 1996 SDWA amendments.
- b) Provide technical assistance in the implementation of special studies to evaluate compliance and capacity development issues that affect a group of water systems including large systems to provide broad based guidance. These studies will also provide assistance to AWOP, DWSRF, and Capacity Development programs for existing systems.

#### **5. Outputs**

- a) The trainer position will develop training plans, materials and manuals and conduct training sessions for operators.
- b) The trainer will also conduct mentoring programs and comprehensive technical assistance for surface water and complex groundwater treatment plant operators.
- c) The trainer will also provide training and technical assistance to operators of complex surface water systems and groundwater systems to assist them in achieving compliance with Disinfection Byproduct Maximum Contaminant Levels (MCL) and Total Organic Carbon removal requirements.

#### **6. Deliverables**

- a) Training will be measured based on a review of Monthly Reports which summarize activities including preparation time, the number of training sessions and operators trained, and participation in Special Studies.
- b) Activity reports will be prepared monthly by FRWA and maintained by both FRWA and DEP on paper and electronically.

- c) The reports will allow tracking of the assisted system's identity, dates assisted, hours spent, the nature of the assistance and whether a written manual or training plan was provided.

## **7. Schedule of Activities to Complete**

- a) The trainer will provide a minimum of 12 monthly reports summarizing activities and training sessions during the grant period.

## **8. Responsibilities of Agencies Involved**

- a) The DEP Drinking Water Program is responsible for managing the FRWA contract within which the trainer position is supported and will set program priorities and review deliverables.

## **C. Engineer**

### **1. Funding Amount: \$143,175.00**

- 2. FTEs to Implement:** No additional FTEs for DEP are specified herein for grant management. The grantee will employ one engineer to assist eligible small public water and wastewater reuse systems by providing consultation and technical assistance services.

### **3. Goals**

- a) Provide technical assistance and training for water resource development, alternative water supply projects, and water supply issues.
- b) Design and permitting of projects for small drinking water systems to correct capacity development/compliance problems, with emphasis on correcting public health risks.
- c) Reviewing plans and specifications submitted to the DWSRF Program for cost effectiveness and efficiency.

- d) Assisting utilities in preparing funding applications for loan and grant assistance, including facilities plans for the DWSRF Program and preliminary engineering reports for rural development grants and loans.
- e) Regulatory permitting and design needs to secure funds from utility financing programs to complete water resource development and water supply projects.
- f) Preparing sampling plans for systems to enable them to demonstrate compliance with DEP's monitoring requirements in cases where the preparation is more advanced than the available Circuit Rider's capabilities.
- g) Preparing permit modifications, system extension permits, and other related project activities.
- h) Aiding DEP with targeted technical assistance and consultation. "Targeted" means addressing the needs of specific programs or special studies, such as drought preparedness, Trihalomethane special study, and lead/copper special study.
- i) Planning support for systems experiencing compliance problems due to rapid growth. This support could include system analysis to determine needed improvements, capacity adjustments to meet increasing demands, and funding alternatives to complete needed improvements.

#### **4. Objectives**

- a) Assist systems in meeting 1996 SDWA Amendments.
- b) Provide technical assistance in the implementation of special studies to evaluate compliance and capacity development issues that affect a group of water systems including large systems to provide broad based guidance. These studies will also provide assistance to AWOP, DWSRF and Capacity Development programs for existing systems.

## **5. Outputs**

- a) The total number of projected requests for engineering assistance to drinking water systems during this agreement is 36. The engineer will be required to complete or close-out 36 engineering projects annually for small public water systems per the description above.
- b) The engineer will complete three or more projects each month. These projects will be tracked to completion or close-out, and the Engineer Monthly Performance Reports will be reviewed.

## **6. Deliverables**

- a) Engineering projects will be measured based on a review of monthly reports which summarize activities.
- b) Activity reports will be prepared monthly by FRWA and maintained by both FRWA and DEP on paper and electronically.
- c) The reports will allow tracking of the assisted system's identity, dates assisted, hours spent, the nature of the assistance and whether a written manual or training plan was provided.

## **7. Schedule of Activities to Complete**

- a) The engineer will provide a minimum of 12 monthly reports summarizing activities during the grant period.

## **8. Responsibilities of Agencies Involved**

- a) The DEP Drinking Water Program is responsible for managing the FRWA contract within which the engineer position is supported and will set program priorities and review deliverables.

## ***II. State and Local Assistance***

**Funding Amount: \$933,131.50**

**Funding amount covers:**

- a) \$354,907 for four FTE positions in DEP's Division of Water Resource Management (DWRM)
  - i. \$128,875 Base
  - ii. \$127,752 Indirect Costs
  - iii. \$98,280 Fringe
- b) \$169,612.50 for Seismic and Hydrogeologic Framework Characterization of the Floridan Aquifer System at Lake Okeechobee, FL (Cooperative Project with the U.S. Geological Survey)
- c) \$120,000.00 Pilot Study at Class V ASR-Reuse Facilities
- d) \$110,556.00 for Utility Assessment Specialist updates
- e) \$178,056 Hydrogeologic Characterization of the Lower Floridan Aquifer, Polk County

### **1. Goals**

- a) Meet U.S. Environmental Protection Agency (EPA) and 1996 SDWA Amendment requirements; maintain Primacy on all new EPA-promulgated rules.
- b) Assist in Source Water Assessment Program (SWAP).
- c) Continue to implement adopted rules (Arsenic, Public Notification, Stage 1 and 2, Disinfection Byproducts Rules, Filter Backwash Recycling Rule, Long-term 1 and 2, Enhanced Surface Water Treatment Rules, Lead and Copper Short-term

Revisions, Revised Total Coliform Rule and Radiological Rules).

- d) Continue to implement the Revised Total Coliform Rule; state rules governing permitting; operation and maintenance.
- e) Assist with the schedule and hold training sessions to train water system owners and operators of program requirements.
  - i. Manage grants and contracts utilizing DWSRF Technical Assistance funds.
  - ii. Maintain the Information Technology (IT) contract to ensure Public Water System (PWS) Oracle database viability.
  - iii. Prepare Statements of Estimated Regulatory Costs for water related rules.
  - iv. Oversee the development of remote technology usage for inspections.
- f) FRWA will perform a complete vulnerability assessment and update any needed Emergency Response plans for a minimum of five assessments per month; with up to 20% of the assessments performed as revisits/rewrites of previously assessed utilities to evaluate the reduction of vulnerabilities found during the original assessment; more will be performed as the budget allows.
- g) Meet EPA and 1996 SDWA Amendment requirements; maintain Primacy on all EPA-promulgated rules.

## **2. Objectives**

- a) Continue to develop compliance scripts for new rules to update the PWS database system, with a portion of the deliverable provided by the IT consultant.
- b) Continue protection of source water (aquifers).
- c) Continue to implement existing rules to include Arsenic, Disinfection Byproducts, Lead and Copper, Public Notification, Revised Total Coliform Rule, Radionuclides, and Groundwater.

- d) Schedule and hold training events and meetings.
- e) Ensure that technical assistance grants and contracts meet objectives and are managed within budget.
- f) Perform a complete vulnerability assessment and update any needed Emergency Response plans (FRWA).
- g) Continue to implement programs that protect the source waters (aquifers).

### **3. Outputs**

- a) Rules will require drafting; rule workshops, public meetings, and rule adoption hearings may be conducted.
- b) Meet EPA and 1996 SDWA Amendment requirements; maintain Primacy on all new EPA-promulgated rules.
- c) Revised database compliance scripts, forms, and training.
- d) Grants and contracts to provide for technical assistance.
- e) Training sessions and meetings.
- f) Complete 60 vulnerability assessments and update any needed Emergency Response plans.
- g) Meet EPA and 1996 SDWA Amendment requirements; maintain Primacy on all EPA-promulgated rules.

### **4. Deliverables**

- a) Maintain assistance and enforcement requirements for the state.
- b) GIS mapping of utilities and potential sources of impact.
- c) Report for Seismic and Hydrogeologic Framework Characterization to the Floridan



Aquifer System at Lake Okeechobee, Florida; grants or contracts for technical assistance.

- d) FRWA will prepare a report summarizing the results of each completed vulnerability assessment, including all tasks in the Grant Work Plan.

## **5. Schedule of Activities to Complete**

- a) Levels of Service.
- b) Develop report of source water protection tools.
- c) Report of Seismic and Hydrogeologic Framework Characterization.
- d) Summary of Vulnerability Assessments and update Emergency Response Plans.
- e) Development of trainings and guidance for aquifer protection.

## **6. Responsibilities of Agencies Involved**

- a) The DEP Drinking Water Program will be responsible for rule development, form implementation, grant awards and management, tracking expenditures, training staff in the use of new equipment and newsletter preparation.
- b) DEP's Office of General Counsel (OGC) provides, in general, legal support and guidance to the Drinking Water Program. OGC is asked to provide guidance on interpretation and application of state and federal rules and regulations. This office assists with the drafting and preparation of rulemaking materials and draft rules, as well as some permits and enforcement orders. As part of the administration of the program, OGC coordinates with and assists the program on the drafting and publication of public notices in the Florida Administrative Weekly.

## **7. Description of Evaluation Process Involved**

- a) Rules and forms adopted in a timely manner and effective implementation verified through our Annual Program Evaluation process.

- b) GPS input and verification of each system's location information during triennial Sanitary Surveys of each community and non-transient non-community system and five-year interval surveys of transient non-community systems.
- c) To assure the effectiveness of the Oracle system, compliance scripts will be evaluated nightly; EPA error reports reviewed quarterly; and file reviews conducted annually.
- d) Grant monthly reports reviewed to monitor progress.

### ***III. State Program Management***

#### **1. Funding Amount: \$1,526,416**

##### **Funding amount covers:**

- a) \$81,360 for Ground Water Comprehensive Performance Evaluation Training Special Studies and Distribution System Optimization Control Strategies Training
  - i) \$66,360 for PAI, Inc.
  - ii) \$15,000 for regulatory offices
- b) \$100,095 for Sanitary Survey trainings (2)
  - i) \$70,095 for PAI, Inc.
  - ii) \$30,000 for regulatory offices
- c) \$53,800 for FlaWARN
- d) \$750,000 for Water Tracker application
- e) \$541,161 for Florida Rural Water Association Circuit Rider and Engineer

#### **2. Goals**

- a) EPA and PAI, Inc., will conduct training of AWOP-related background information and DEP staff will have the opportunity to work through some important implementation issues.
- b) EPA and PAI, Inc., will conduct training that will build on the optimization principles and skills that were presented at the January 2019 Introduction to Optimization training session by focusing on how to develop and conduct simple special studies to solve problems, describing storage tank operations and their impact on water quality, and providing an overview of distribution system control strategies that can be implemented to optimize water quality.
- c) Provide emergency funding to allow DEP/DOH drinking water inspectors to collect drinking water samples on an as needed/emergency basis. Manage grants and contracts utilizing DWSRF Technical Assistance funds.
- d) EPA and PAI, Inc., will conduct two Sanitary Survey Inspector trainings. The trainer will include coordination of training logistics with state and water system staff members as needed, the development and presentation of appropriate training materials, and documentation of each event.
- e) Continued implementation of FlaWARN which is a program developed to assist critical public water facilities with preparation, response, recovery and mitigation activities which serve to protect public health and expedite return to service during times of need per the state's Comprehensive Emergency Management Plan and DEP Directive 971.
- f) Enhance and consolidate the existing emergency response tracking tool for the drinking water systems throughout Florida. Enhancements will include the FlaWARN element, interface modifications, GIS mapping, and smart device applications. Work will also be done to interface the application with the FRWA and DOH databases.
- g) Provide technical assistance and training for water resource development, alternative water supply projects, and water supply issues. Design and permitting of projects for small drinking water systems to correct capacity development/compliance problems, with emphasis on correcting public health risks. Reviewing plans and specifications submitted

to the DWSRF Program for cost effectiveness and efficiency. Assisting utilities in preparing funding applications for loan and grant assistance.

### **3. Objectives**

- a) Two staff will be trained from each of the 13 DEP/DOH offices, plus two staff from DEP Tallahassee headquarters, for a total of 30 DEP/DOH. Drinking water personnel will have the opportunity to work through some important implementation issues.
- b) Two staff will be trained from each of the 13 DEP/DOH offices, plus two staff from DEP Tallahassee headquarters, for a total of 30 DEP/DOH drinking water personnel focusing on how to develop and conduct simple special studies to solve problems, describing storage tank operations and its impact water quality, and providing an overview of distribution system control strategies that can be implemented to optimize water quality.
- c) Ensure that funding is available for emergency events that require sample collection and analysis.
- d) Two staff will be trained from each of the 13 DEP/DOH offices, plus two staff from DEP Tallahassee Headquarters, for a total of 30 DEP/DOH drinking water personnel on Sanitary Survey components and future DEP conducted training.
- e) Continued implementation of FlaWARN to assist critical public water facilities with preparation, response, recovery and mitigation activities.
- f) Enhance and consolidate the existing emergency response tracking tool for the drinking water systems throughout Florida.
- g) Provide technical assistance as needed. The circuit riders are trained in the day-to-day functions of a water plant; some are certified operators. Technical assistance will be provided for the following specific major reasons: water system compliance, correcting deficiencies, compliance with capacity development strategy, and operations and maintenance.

- h) Provide technical assistance in the implementation of special studies to evaluate compliance and capacity development issues that affect a group of water systems including large systems to provide broad based guidance.

#### **4. Outputs**

- a) Staff attending trainings will develop training plans, materials and manuals, and conduct training sessions for additional staff.
- b) Participants will become aware of the AWOP principles and background.
- c) Participants will learn how to develop and conduct simple special studies to solve problems.
- d) DEP and DOH drinking water inspectors will be able to collect drinking water samples on an as needed/emergency basis.
- e) Staff attending training will learn the development and presentation of appropriate training materials, and documentation for future training events.
- f) Provide uninterrupted administration and operation of the Fla WARN program for the 2022-2023 hurricane season.
- g) Databases will be enhanced to consolidate DWRM's existing emergency event tracking both internal and external.
- h) The monthly circuit rider reports will specify the number of visits (contacts) and the type of assistance provided. Types of assistance provided include, but are not limited to, evaluating cross connection/backflow concerns and Plan Implementation, Consumer Confidence Reports (CCRs), Lead and Copper, Groundwater, Disinfection Byproduct (DBP) Rule implementation, Maximum Contaminant Level (MCL) violations, public notice requirements, rule education, sampling/monitoring, source protection, and Sanitary Survey preparation/follow-up. These monthly progress reports will also include narratives of significant contacts.

- i) The engineer will complete three or more projects each month. These projects will be tracked to completion or close-out, and the Engineer Monthly Performance Reports will be reviewed. The total number of projected requests for engineering assistance to drinking water systems during this agreement is 36. The two engineers will be required to complete or close-out 36 engineering projects annually for small public water systems per the description above.

## **5. Deliverables**

- a) Training will be measured based on activities including preparation time, the number of training sessions and operators trained, and participation in each program.
- b) Activity reports will be prepared monthly by FRWA and maintained by both FRWA and DEP on paper and electronically.
- c) Trainings will be enhanced to assure optimal participation, retention and availability for staff.
- d) The report will contain reason code for the visit. Reports also include the identity of the water system, the date assisted, and other information. The reports will allow for the tracking of the assisted system's identity, dates assisted, hours spent, the nature of the assistance and whether program/application assistance was provided.
- e) Engineering projects will be measured based on a review of monthly reports which summarize activities.

## **6. Schedule of Activities to Complete**

- a) Grants awarded, managed, and completed by the end of FFY 2022.
- b) Training completed and development of training program for additional staff.
- c) Database enhancement and consolidation for emergency event response.
- d) Florida has approximately 4944 public water systems that serve fewer than 10,000 persons each. It is anticipated that the types of contacts made by FRWA in 2022-23

will be as follows: 700 Actual Compliance; 250 Outreach; 380 Capacity Development; and 1260 Potential Compliance. A minimum of 12 small system training classes and an accumulation of 300 hours or more related to performance hours this year.

The engineer will provide a minimum of 12 monthly reports summarizing activities during the grant period.

## **7. Responsibilities of Agencies Involved**

- a) The DEP Drinking Water Program is responsible for managing the PAI contract and will set program priorities and review deliverables.
- b) The state of Florida is under a contract for the provision of technical assistance and training to small public water systems with the FRWA. Six trained circuit riders are targeting their technical assistance efforts toward water systems serving populations of less than 10,000. This includes small mobile home parks, retirement villages, water associations, community water systems, and non-transient non-community water systems.
- c) The DEP Drinking Water Program is responsible for managing the FRWA contract within which the circuit rider and the engineer position is supported and will set program priorities and review deliverable systems.

## **8. Description of Evaluation Process Involved**

- a) Measurement of compliance rate with drinking water regulations.
- b) Completion rate and timeliness of completion by water system representatives of training programs conducted by FRWA in: Lead and Copper, Disinfection Byproducts, Groundwater, Total Coliform, Synthetic Organic Carbons, Volatile Organic Carbons, Secondary and Inorganic monitoring, and other subjects.
- c) Accomplishment by FRWA of the technical assistance goals relating to the assistance provided.

- d) Measurement of compliance rate with drinking water regulations.
  
- e) Completion rate and timeliness of completion by water system representatives of training programs conducted by FRWA in: Lead and Copper, Disinfection Byproducts, Groundwater, Total Coliform, Synthetic Organic Carbons, Volatile Organic Carbons, Secondary and Inorganic monitoring, and other subjects.



**APPENDIX C**

**SOURCE WATER PROTECTION WORKPLAN**

**Source Water Assessment and Protection Program (SWAPP)  
Intended Use Plan for Federal Fiscal Year (FFY) 2022  
Anticipated Expenditures from July 2022 through January 2024**

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**Staffing**

A. Three full-time staff to implement source water protections measures.

• Environmental Specialist II (37020382)	<b>\$28,119</b>
• Senior Program Analyst (37011068)	<b>\$53,865</b>
• Professional Geologist II (37020388)	<b>\$46,891</b>
• Fringe and Indirect Costs	<b>\$226,032</b>
• <b>Total</b>	<b>(\$354,907)</b>

\* Total staffing cost includes OPS salaries, fringe at negotiated rate, FICA, and indirect costs.

**New Projects**

**A. Seismic and Hydrogeologic Framework Characterization of the Floridan Aquifer System at Lake Okeechobee, FL (Cooperative Project with USGS-Year 4) (\$169,612.50)**

Year four will focus on completion of the Geohydrologic interpretation of the seismic data and continue to develop the geohydrologic framework. Seismic data is used to aid in the understanding of the hydrogeologic framework and physical properties of the FAS in the northern part of Lake Okeechobee and help identify risk factors for upward migration of saline waters through columniform karst collapse structures and related faults and fractures within the intermediate aquifer system and Floridan aquifer system.

**B. Pilot Study at Class V ASR-Reuse Facilities (\$120,000)**

The Florida State University's Geophysical Fluid Dynamics Institute's Karst Institute (GFDI) will conduct a pilot study for emerging contaminants of concern (EC) in Florida's underground sources of drinking water (USDW). The UIC program is interested in Class V Aquifer Storage and Recovery (ASR) facilities injecting reuse water and facilities injecting raw or partially treated surface water.

**C. Utility Assessment Specialist (FRWA) (\$110,556)**

The Utility Assessment Specialist position will arrange for and provide technical assistance, training, and mentoring in mitigation plans, asset hardening, financial planning and assistance, and utilization of RevPlan (asset management software). This position will also assist with or conduct special projects as assigned by the Department of Environmental Protection.

**Source Water Assessment and Protection Program (SWAPP)  
Intended Use Plan for Federal Fiscal Year (FFY) 2022  
Anticipated Expenditures from July 2022 through January 2024**

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**D. Hydrogeologic Characterization of the Lower Floridan Aquifer, Polk County  
(\$178,056)**

The Upper Floridan Aquifer has been the main water source in this area, but projected increased consumption has driven an interest in the Lower Floridan Aquifer (LFA) as an alternative water supply. A better understanding of the LFA hydrogeology, hydraulic properties, water quality and quantity, and recharge potential is necessary for water managers to implement effective and sustainable water resource management actions. Efforts have been made by the water management districts to better characterize the hydrogeologic framework in the area. New wells drilled in the last five years as part of the Central Florida Water Initiative (CFWI) have provided a large data set for increasingly refined characterization of the LFA. The challenge is that this one-dimensional data provides limited information about lateral and vertical connectivity and as such has resulted in additional questions about stratigraphic and structural continuity necessary for better regional correlation. The hydrogeologic complexity of the area would benefit substantially from additional data to connect the one-dimensional information produced at each well. In particular, the lateral continuity and properties of confining units between the LFA and UFA in the area between Polk and Osceola Counties is ambiguous and of concern for local water supply development. 2D and 3D seismic-reflection data has been used successfully to characterize the connectivity and heterogeneity of the hydrostratigraphy of the Floridan aquifer system (FAS) and provide a three-dimensional conceptualization of the subsurface in other areas of Florida. Without connective inter-well data, uncertainty in the hydrogeology between wells will remain.

**Total Intended Use Plan SWAPP Anticipated Expenditures: (\$933,131.50)**

**APPENDIX D**  
**COMPLETE PRIORITY SYSTEM**

## 62-552.300 General Program Information.

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(e) Priority System. Timely submitted projects shall be given priority according to the extent each project is intended to remove, mitigate, or prevent adverse effects on public health and drinking water quality. The final priority score for each project shall be determined as described in subparagraphs 1. through 3., below.

1. Base Priority Score. Each project shall receive a base priority score (BPS) dependent on the weighted average of its components. The BPS shall be determined using the following formula where CPS means the component priority score and CCC means component construction cost or:

$$\text{BPS} = [\text{CPS}_1 \times \text{CCC}_1 + \dots + \text{CPS}_n \times \text{CCC}_n] / \text{Total Construction Cost}$$

a. Project components shall be assigned a component priority score (CPS) according to the categories in Table 1 below.

Table 1

Project Component	CPS
<p>Acute Public Health Risk</p> <p>1a. E-Coli or Fecal Coliform Maximum Contaminant Level (MCL) Exceedance (subsection 62-550.310(5), F.A.C.)</p> <p>1b. Nitrate, Nitrite, or Total Nitrogen MCL Exceedance (subsection 62-550.310(1), F.A.C., Table 1)</p> <p>1c. Lead or Copper Action Level Exceedance (Rule 62-550.800, F.A.C)</p> <p>1d. Surface Water Filtration and Disinfection Noncompliance (subsection 62-550.817(2), F.A.C.)</p>	800 points
<p>Potential Acute Public Health Risk</p> <p>2a. Nitrate, Nitrite, or Total Nitrogen Exceed 50% of MCL (subsection 62-550.310(1), F.A.C., Table 1)</p> <p>2b. Microbiological MCL Exceedance (subsection 62-550.310(5), F.A.C)</p> <p>2c. Surface Water Enhanced Filtration and Disinfection Noncompliance (subsection 62-550.817(3), F.A.C.)</p> <p>2d. State Health Officer Certification of Acute Health Risk for Unregulated Microbiological Contaminants</p> <p>2e. Violation of Disinfection Requirements (subsection 62-555.320(12), F.A.C.)</p>	700 points
<p>Chronic Public Health Risk</p> <p>3a. Inorganic or Organic Contaminant MCL Exceedance (subsections 62-550.310(1), (4), F.A.C., Tables 1, 4, 5)</p> <p>3b. Disinfection Byproducts MCL Exceedance (subsection 62-550.310(3), F.A.C., Table 3)</p> <p>3c. Radionuclide MCL Exceedance (subsection 62-550.310(6), F.A.C.)</p>	600 points
<p>Potential Chronic Public Health Risk</p> <p>4a. Inorganic or Organic Contaminant Exceed 50% of MCL (subsections 62-550.310(1), (4), F.A.C., Tables 1, 4, 5)</p> <p>4b. Disinfection Byproducts Exceed 80% of MCL (subsection 62-550.310(3), F.A.C., Table 3)</p> <p>4c. State Health Officer Certification of Chronic Health Risk for Unregulated Chemical Contaminants</p>	500 points
<p>Compliance-1</p> <p>5a. Infrastructure upgrades to facilities that are undersized, exceed useful life, or have continual equipment failures</p> <p>5b. Insufficient water supply source, treatment capacity, or storage</p> <p>5c. Water distribution system pressure less than 20 psi</p> <p>5d. Eliminate dead ends and provide adequate looping in a distribution system</p> <p>5e. Replace distribution mains to correct continual leaks, pipe breaks, and water outages</p> <p>5f. New public water system or extension of existing system to replace contaminated or low yield residential wells</p> <p>5g. Lack of significant safety measures (e.g. chemical containment)</p> <p>5h. Secondary Contaminant MCL Exceedance (Rule 62-550.320, F.A.C.)</p>	400 points

5i. Drinking water supply project as defined in paragraph 403.8532(9)(a), F.S.	
Compliance-2 6a. Treatment, Storage, Power, and Distribution Requirements (Rule 62-555.320, F.A.C.) 6b. Minimum Required Number of Wells (subsection 62-555.315(2), F.A.C.) 6c. Well Set-back and Construction Requirements (Rules 62-555.312 and 62-555.315, F.A.C.) 6d. Cross-Connection Control Requirements (Rule 62-555.360, F.A.C.) 6e. Physical Security Project Documented in a Vulnerability Analysis 6f. Consolidation or regionalization of public water systems 6g. Water/Energy Conservation Project	300 points
7. Other projects, including land or public water system acquisition	100 points

b. Project component scores that are based on contaminant levels shall be justified by sample analytical data. The date samples were collected must be no older than 24-months from the date of submittal of a Request for Inclusion. The sample results shall show an ongoing and current problem with a drinking water quality standard. The project sponsor shall provide documentation demonstrating contaminant levels (e.g. disinfection byproducts) cannot be reduced by adjusting system operations, if applicable. Samples shall be analyzed by a state certified laboratory as defined in Rule 62-550.550, F.A.C.

c. A project component score of 400 points that is based on compliance-1 categories of Table 1 shall be supported by documentation demonstrating the need for the project; otherwise, a component score of 300 points will be assigned.

d. A project sponsor with a qualifying water conservation project is eligible to receive an additional 100 points added to their priority score if the sponsor provides a water conservation plan in accordance with EPA's Water Conservation Plan Guidelines, document number EPA-832-D-98-001, August 6, 1998, hereby adopted and incorporated by reference. The sponsor must demonstrate that the proposed project meets the objective of the water conservation plan. This document is available from the Department's Drinking Water State Revolving Fund Program, 3900 Commonwealth Blvd., Tallahassee, Florida 32399-3000 or <http://www.flrules.org/Gateway/reference.asp?No=Ref-08363>.

e. If 50% or more of residential wells of a given project meet the contamination levels indicated in Table 1 and connect to a new or existing public water system, then the project would be awarded component priority points according to the appropriate public health risk. Surface water flooding of wells of residents with septic drainfields and wells under the direct influence of surface water are considered an unregulated microbiological potential acute public health risk, and require substantiated documentation of occurrence in lieu of sampling data.

2. Affordability Score. The extent of affordability existing in a small community to be served by the project shall be reflected in the priority score. Points shall be awarded based upon two affordability criteria: namely, median household income (MHI) and service area population. These points are to be added to the base priority score. Affordability Score = (MHI Score + Population Score).

a. MHI Score. MHI score shall be derived based on the extent a community's MHI falls below the statewide average. MHI data shall represent all areas to be served by the project sponsor's public water system.

(I) MHI score shall not exceed a maximum of 75 points, shall not be less than zero points, and shall be rounded to the nearest whole number.

(II) MHI score is calculated as follows:

MHI Score = 100 x (1.00 - MHI fraction), MHI fraction is equal to the MHI of the service area divided by the statewide MHI.

b. Population Score. Projects for small systems are generally less affordable than those for larger systems due to a limited rate base from which to recover costs. Special consideration is given to such projects based on service area population. Population data shall represent all areas to be served by the project sponsor's public water system.

(I) Population score shall not be less than zero points and shall be rounded to the nearest whole number.

(II) The population score is calculated as follows:

Population score = 50 - (P/200). P is the population of the service area.

3. Tie-breaking procedure. The sponsor with the larger population will have the higher priority.