



ALABAMA



DRINKING WATER STATE REVOLVING FUND

FISCAL YEAR 2020 ANNUAL REPORT

AS OF SEPTEMBER 30, 2020

PLEASE NOTE that this report does not constitute nor is it suitable for use as an official financial statement. This report is not prepared by an independent auditor or accountant, and is provided for informational purposes only.

ALABAMA DRINKING WATER SRF ANNUAL REPORT

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I. INTRODUCTION:

The State of Alabama herewith submits its Drinking Water State Revolving Fund (DWSRF) Annual Report for fiscal year 2020 (October 1, 2019 – September 30, 2020). This report describes how the State of Alabama has met the goals and objectives of its Drinking Water State Revolving loan program as identified in the Intended Use Plans (IUP).

II. EXECUTIVE SUMMARY:

Loan agreements (binding commitments) with twenty-three borrowers totaling \$90,769,460.00 were executed during the fiscal year. These binding commitments are enumerated in Exhibit 1. A detailed breakdown of the components of each of the loans is provided in Exhibit 2.

No State Match funds have been appropriated (cash match) for the DWSRF program since its inception. The state match requirement of \$4,916,600 (\$4,747,200 from DWSRF and \$169,400 from DWASADRA) will be satisfied by carryover funds by the issuance of revenue bonds by the Alabama Drinking Water Finance Authority. The Authority will issue new state match bonds to satisfy future match as needed.

III. GOALS AND ACCOMPLISHMENTS:

A. Short Term Goals and Accomplishments

The FY 2020 DWSRF Intended Use Plan describes the short-term goals of the program. The goals included:

1. To provide financial assistance for the construction of public water supply facilities on the DWSRF Priority List.

Alabama provides municipalities with DWSRF loans with an interest rate approximately 1.0%-1.5% less than the most advantageous rates commonly available to local governments: 2.20% for FY 2020 borrowers. As initially described in the FY 2020 Intended Use Plan, the Intended Use Plan Errata, and later modified according to the needs of the borrowers, thirty-five (35) loans totaling \$104,655,000 are to be funded. Funding will be provided by the FY 2020 EPA DWSRF capitalization grant, 2020 EPA ASADRA grant, previous uncommitted EPA grant funds, interest earnings and direct loan repayments.

2. To provide DWSRF financial assistance to include additional subsidization in the form of principal forgiveness for not less than the required minimum of \$3,323,040 to disadvantaged communities for the construction of water treatment and distribution facilities.

The Department met this goal by offering principal forgiveness exclusively to projects in communities determined to be disadvantaged. Communities with the highest ratio of annual average water bill to median household income will receive up to 50% of project costs in principal forgiveness equaling at least 14% of the Capitalization Grant.

3. To provide DWSRF financial assistance to include additional subsidization in the form of principal forgiveness for not less than the required minimum of \$1,424,160 to disadvantaged communities for the construction of water treatment and distribution facilities.

The Department met this goal by offering principal forgiveness exclusively to projects in communities determined to be disadvantaged. Communities with the highest ratio of annual average water bill to median household income will receive up to 50% of the project costs in principal forgiveness equaling at least 6% of the capitalization grant.

4. To provide ASADRA financial assistance to include additional subsidization in the form of principal forgiveness for not less than \$237,000 to the City of Ashford for system resiliency.

The Department expects to meet this goal by financing the City of Ashford Emergency Generators and SCADA Improvements project. The project is expected to close within the next fiscal year.

5. To provide DWSRF loans for a goal of 10% of the Capitalization Grant to projects which address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

The Department solicited for green infrastructure projects for 2020. This solicitation included a notice posted on the ADEM website as well as notices sent to approximately 1,200 addresses on the departments e-mail and direct mail list. The Department funded green infrastructure projects totaling \$5,282,707 during the reporting period.

6. To implement the State's DWSRF in compliance with the goals of the Safe Drinking Water Act and to ensure conformance with Federal crosscutting requirements.

All projects are reviewed to ensure compliance with the Safe Drinking Water Act and conformance with federal crosscutting issues. Comments regarding the environmental impact of proposed projects are solicited via a Finding of No Significant Impact (FNSI) or Categorical Exclusion (CE). Those entities solicited for comments include, but are not limited to, the EPA, the Corps of Engineers, the Fish and Wildlife Service of the U.S. Interior Department, the State Department of Public Health, the State Department of Conservation and Natural Resources, the Alabama Department of Economic and Community Affairs and the State Historical Commission.

7. To protect the public health and the environment and promote the completion of cost-effective water treatment, storage, and distribution facilities.

The method used in drafting the project priority list and the state review of planning documents submitted with DWSRF loan applications and pre-applications promote the protection of public health and the environment with the funding of cost-effective systems.

8. To provide funding for the State of Alabama Public Water System Supervision (PWSS) program using the 10% State Program Management set-aside.

The Department has met this goal by reserving \$1,100,000 of the 10% State Program Management set-aside to the state's PWSS program. This funding is to be used for administration of the program.

9. To provide assistance to communities for educational events promoting objectives consistent with the Safe Drinking Water Act through the 15% Local Assistance and Other State Programs Activities set-aside.

The Department is in the process of fully meeting this goal. \$25,000 has been allocated from the 15% Local Assistance and Other State Programs Activities set-aside to be used for direct assistance agreements to communities across the state. The Department had 17 applications from communities for the 2020 FY and funded 7 of those educational events during the FY2020. The Department did expect to fund all 17; however, many of the educational events were cancelled due to COVID. The solicitation for the 2021 fiscal year is attached in Exhibit 7.

B. Long Term Goals and Accomplishments

In its Intended Use Plan for FY 2020, the State of Alabama described long-term goals for the DWSRF program.

These long-term goals included:

1. To maintain the DWSRF program and the long-term fiscal integrity of the fund.
2. To provide a self-perpetuating source of low interest loans for the construction of public water treatment and distribution facilities needed to meet the public health goals of the Safe Drinking Water Act.
3. To fund projects which will have a positive impact on public health and ensure compliance with the Safe Drinking Water Act.
4. To assist systems in ensuring affordable water supply.

During the reporting period, Alabama has made progress in implementing the long-term goals of the DWSRF Loan Program as follows:

In its administration of the DWSRF program, the State of Alabama has considered the long-term fiscal health of the DWSRF. No State Match funds have been appropriated (cash match) for the DWSRF program since its inception. The state match requirement will be satisfied by carryover funds by the issuance of revenue bonds by the Alabama Drinking Water Finance Authority. EPA staff reviews and approves application of this process to assure compliance with regulations. Demonstration of compliance with EPA regulations relative to the use of State Match Bonds is achieved by provision of calculations that show that the loan interest repayments are sufficient to amortize the principal and interest payments for the State Match Bonds.

The DWSRF working group includes, as integral members, persons who have extensive experience in the issuance of tax-free bonds, are knowledgeable of the cash flow requirements of such issues, have technical expertise related to the planning and design reviews required by the State and EPA prior to DWSRF funding and are capable of providing assistance in the disbursements of DWSRF funds to the loan recipients.

The Authority continues to set a loan interest rate approximately 1.0-1.5% less than the most advantageous rate commonly available to municipalities: 2.20% for the FY 2020 project list. The Department's experience with the program indicates that this is a sufficient incentive to seek DWSRF financing for eligible projects.

Alabama's DWSRF is designed to be a perpetual source of low-cost financial assistance for the construction of public water supply facilities needed to meet compliance standards and public health requirements. Once ultimate capitalization has been achieved, the program may utilize the direct loan repayments, undedicated interest from the bond debt service reserve funds and construction funds and assets of the Master State Revolving Account as the source funds to support bond issues and/or to fund direct loans. As of September 30, 2020, the Master State Revolving Fund (MSRF) had a balance of approximately \$331,943,301.86.

The State is using its grant funds and bond proceeds in a manner that ensures the timely and expeditious use of DWSRF funds. The use of grant funds to make direct loans is emphasized. Using DWSRF assets in this manner decreases the issuance of debt (bonds) and provides for increased volumes of direct loan repayments that may be recycled into future loans.

Both the method used in drafting the project priority list and the state review of DWSRF loan applications promote protection of the public health and the environment by first providing financial assistance to projects that address the most critical needs.

The nature of the DWSRF program (subsidized interest rates) ensures that applicants are receiving a cost-effective method of financing. In addition, additional subsidization in the form of principal forgiveness is offered to disadvantaged systems as allowed by the Safe Drinking Water Act.

IV. DETAILS OF ACCOMPLISHMENTS

A. Fund Financial Status

1. Binding Commitments

Loan agreements (binding commitments) with twenty-three (23) borrowers totaling \$90,769,400 were executed. These binding commitments are enumerated in Exhibit 1. A breakdown of the components of each loan is provided in Exhibit 2.

2. Disbursements and Guarantees

DWSRF loan assistance totaling \$19,630,758.82 was disbursed to DWSRF loan recipients during the period.

The table below details ADEM's DWSRF Administrative costs that were obligated from the 4% administrative set-aside from the federal capitalization grants.

DWSRF Administrative Costs: 4% Set-Aside

	DWSRF Grant
Salaries	\$418,909.49
Fringe	\$156,679.12
Travel	\$6,067.70
Professional Services	\$39,545.21
Supplies	\$5,973.81
Equipment	\$37.49
Total Direct Costs	\$672,212.82
Indirect Costs	\$153,963.26
Total	\$781,176.08

3. Financial Statements

The most recent audit of Alabama's DWSRF (through FY 2019) revealed no material weaknesses in the program. A copy of this audit was submitted to EPA. The audit contract for FY 2020 is pending. EPA will receive a copy of the audit when it is available. Draft financial statements can be found in Exhibit 8.

B. Assistance Activity

Loan agreements (binding commitments) with twenty-three (23) borrowers totaling \$90,769,400 were executed during the fiscal year. These binding commitments are enumerated in Exhibit 1. These loans were originated from EPA DWSRF Capitalization Grant funds, repayments, and interest earnings. A detailed breakdown of each of the loans is included in Exhibit 2.

The interest rate associated with the loan agreements completed during FY2020 was 2.20%. The interest rates reflect the condition of the market for tax-exempt bonds and the relative credit quality of the borrowers at the time that the Authority Bonds were sold.

Exhibit 2 is a breakout of the components of DWSRF project loans. The project fund, capitalized interest cost, principal forgiveness, finance expenses, and GPR amount are shown for each project.

Exhibit 3 breaks down DWSRF assistance by population, as proof of the program meeting EPA requirement that 15% of all assistance be directed to small communities. Of the small communities that applied for DWSRF loans, 100% of them were funded during the reporting period. Combined funding of \$6,171,000 was provided during the FY20 for small communities.

Included in Exhibit 4 are the long-term cash flow projections for the Alabama DWSRF. These cash flows incorporate the loans already made by the Authority and those projected to be offered and show how the DWSRF Master Fund revolves perpetually.

C. Provisions of the Operating Agreement and Grant Conditions

The State of Alabama agreed to a number of conditions in the DWSRF Operating Agreement and Grant Agreement. The following major conditions have been met as described in the operating and grant agreements:

- Biennial Report
- Binding Commitments
- Timely and Expeditious Use of Funds
- Annual Audit
- Annual Review
- National Reporting Needs
- Records and Data Management
- Attainment of MBE/WBE Goals
- Federal Crosscutting Authorities
- State Environmental Review Process
- Cash Draw Procedures

These conditions have been met as described in detail below:

1. Biennial Report: In lieu of a biennial report ADEM has elected to provide annual reports for each fiscal year.
2. Binding Commitments: The State has entered into 278 binding commitments totaling \$652,656,600 over the life of the program. The total amount of capitalization grants awarded for FY 1997 thru FY 2020 is \$308,176,900. The Alabama DWSRF meets the "Binding Commitments" requirement.
3. Timely and Expeditious Use of Funds: DWSRF loan assistance totaling \$71,745,734.84 was disbursed to DWSRF loan recipients during the reporting period. The pace of expenditure of funds is expected to increase significantly as the State proceeds with implementation of the DWSRF program.

In order to ensure that the loan repayment stream necessary to meet the financial obligations of the Authority's Bonds is met, the Special Conditions Loan Agreement (the legal document which commits DWSRF funds to a project) explicitly specifies the date on which loan repayments are to commence, regardless of the status of construction completion.

4. Annual Audit: The most recent audit of Alabama's DWSRF (through FY 2019) revealed no weaknesses in the program. Draft copies of financial statements are available in Exhibit 8.
5. National Reporting Needs: The Department annually provides EPA with project-level data in its Priority List and the Intended Use Plan. Additionally, information is provided to EPA quarterly and as requested.
6. Records and Data Management: ADEM receives and reviews project documents from loan applicants. These documents, together with the Department's review memos, summary checklists and the loan agreement documentation, are included in the official project files maintained by the State. These files are made available to EPA and the public upon request. Computer databases are maintained for all projects and are backed up regularly by both DWSRF staff and the Department's local area network administrators.
7. The DWSRF capitalization grant specifies that the State require loan recipients to make a good faith effort to achieve 2.5% MBE and 3.0% WBE participation for construction contracts.

MBE contracts awarded during FY 2020 were approximately 5% while WBE participation was approximately 3%. The total DBE participation rate for the reporting period was approximately 8%. The Department continues to ensure that the loan applicants, contractors, and suppliers make and document a good faith effort to meet the goals.

The State of Alabama submits standard Form 5700-20A to EPA Region IV for their review on a quarterly basis to document efforts toward achieving MBE/WBE objectives.

8. Federal Crosscutting Authorities: The State of Alabama and all recipients of DWSRF funds have complied with applicable federal authorities (federal crosscutters). Recipients of DWSRF assistance agreed to do this in the loan application as well as the loan agreement between the recipient and the Authority. Projects are required to complete the State Environmental Review Process (SERP) in a manner consistent with the crosscutting requirements.
9. State Environmental Review Process: The Department conducts environmental reviews on all funded projects in accordance with the State Environmental Review Process (SERP). Categorical Exclusions (CEs) or Findings of No Significant Impact (FONSIs) are issued for each project as applicable.
10. Cash Draw Procedures: The State has drawn cash from the Federal Capitalization Grants in a manner consistent with the Capitalization Grant Agreements and the DWSRF ACH Guidance.

The rate of cash draws from the Federal Capitalization Grants is based on the dollar-for-dollar draws of direct loan projects.

Consistent with EPA policy, draws from the federal grant for the direct loan projects are required to be proportional to the disbursement of state match funds to borrowers for eligible project costs. Accordingly, the proceeds of the State Match Bonds are the first funds disbursed to members of the Bond Pool. In this manner, the State manages its disbursements to borrowers to ensure that state funds are spent first; thereby meeting the proportionality requirement.

V. Program Changes:**A. Comparison with the Intended Use Plan**

The FY 2020 Intended Use Plan had a fundable list for 33 projects totaling approximately \$104,655,000. Three (3) communities decided to opt out of the program for various reasons including less than anticipated principal forgiveness and cash flows due to the national pandemic. Final loan amounts will be included in future annual reports.

Additional funding from the ASADRA grant was allocated to a portion of the 2020 Mobile Master Plan. The IUP Errata is attached describing the changes.

B. Modification of Goals and Objectives

The basic goals and objectives of the Alabama DWSRF are not expected to vary from those stated previously. An additional short-term goal was included on the FY2020 IUP, "To provide ASADRA financial assistance to include additional subsidization in the form of principal forgiveness for not less than \$237,000 to the City of Ashford for system resiliency". The Department received an additional appropriation due to the Additional Supplemental Appropriation for Disaster Relief Act (ASADRA) during the reporting period. These funds are expected to be utilized by the next fiscal year.

The Department will seek to execute the procedures necessary to meet the program goals in an expeditious manner in subsequent programs.

C. Transfer from CWSRF to DWSRF

As outlined in the FY 2020 Intended Use Plan \$72,952,803 was reserved for transfer from the CWSRF to the DWSRF program. No transfer was utilized during the reporting period.

Exhibit 1 – Binding Commitments

Project Name	Project #	Bind Date	Estimated Completion Date	Loan Amount	Repayment Date	IUP FY
Rogersville Water System Improvements	FS010237-01	11/1/2019	11/01/20	\$365,000	2/15/2021	2017
Pine Hill Water Meter Replacement	FS010241-01	12/15/2019	07/02/20	\$480,000	8/15/2020	2018
Rogersville 2018 Water System Improvements	FS010237-02	11/1/2019	01/01/20	\$387,000	2/15/2020	2018
White Hall Water System Improvements	FS010247-01	12/20/2019	03/01/21	\$850,000	8/15/2021	2018
Winfield Automated Meter Reading Project	FS010243-01	1/15/2020	01/30/20	\$840,000	8/15/2021	2018
Dale County Water System Improvements	FS010141-03	2/15/2020	03/01/21	\$2,880,000	8/15/2021	2018
Alabaster Water Distribution System Treatment Upgrades	FS010261-01	2/1/2020	12/01/21	\$10,565,000	2/15/2022	2019
Blountsville New Ground Water Storage Tank and Booster Station Improvements	FS010140-02	2/15/2020	10/01/20	\$715,000	2/15/2021	2019
Buhl Elrod Holman 2019 Water System Improvements	FS010253-01	2/15/2020	04/01/21	\$2,485,000	8/15/2021	2019
Colbert County Water System Improvements	FS010264-01	9/15/2020	09/01/20	\$1,025,000	2/15/2022	2019
Collinsville Water Storage Tanks Rehabilitation, Telemetry and Generator Upgrades	FS010251-01	3/15/2020	01/01/21	\$801,000	2/15/2021	2019
Curry Water Treatment Plant and Distribution System	FS010265-01	9/15/2020	02/01/21	\$25,730,000	2/15/2022	2019
Hodges Proposed Water Supply Upgrades and Improvements	FS010170-02	2/1/2020	12/26/20	\$324,000	1/1/2021	2019
Pisgah Water System Improvements	FS010257-01	7/15/2020	02/01/21	\$465,000	2/15/2021	2020
Red Bay Water Treatment Plant Clearwell Rehabilitation and Proposed New Clearwell	FS010199-02	2/1/2020	10/31/20	\$432,000	2/15/2021	2019
Robertsdale Conversion of Water System to AMI Meters	FS010254-01	2/1/2020	01/01/21	\$1,946,460	2/15/2021	2019
West Barbour County WA Water Main Replacement	FS010172-02	6/1/2020	06/01/20	\$149,000	8/15/2020	2019
West Morgan East Lawrence Reverse Osmosis Treatment Plant	FS010090-03	11/1/2019	03/01/21	\$31,915,000	8/15/2022	2019
York Rehabilitation of McGregor and Oswald	FS010255-01	4/1/2020	10/01/20	\$1,045,000	2/15/2021	2019
Jacksons' Gap Capital Improvements (SUPPL)	FS010246-01	3/15/2020	06/04/20	\$65,000	8/15/2020	2020
Cullman (SUPPL) Duck River Raw Water Pump Station, Transmission Main & WTP	FS010189-01	4/1/2020	04/01/20	\$6,010,000	9/1/2020	2020
Centre WTP Upgrade with GAC Filtration (SUPPL)	FS010238-01	4/15/2020	03/01/21	\$830,000	8/15/2021	2020
Summerdale Water System Expansion Improvements	FS010275-01	8/1/2020	12/31/20	\$465,000	2/15/2021	2020
23 Loans				\$90,769,460		

Note: "Funds Source" designates the source of loan funding e.g.:

DL:EPA = Direct loan funded by the Master State Revolving Fund and the EPA Grant

Exhibit 2 – Loan Summary

Project name	IUP FY	Project Amount	GPR Amount	Principal Forgiveness	Capital Interest	Finance Expense	Loan Amount
Rogersville Water System Improvements	2017	\$350,820.00	\$0	\$175,000	\$4,180	\$10,000	\$365,000
Pine Hill Water Meter Replacement	2018	\$466,990.28	\$463,000	\$230,000	\$3,009.72	\$10,000	\$480,000
Rogersville 2018 Water System Improvements	2018	\$376,266.67	\$374,000	\$187,000	\$733.33	\$10,000	\$387,000
White Hall Water System Improvements	2018	\$827,469.78	\$154,000	\$410,000	\$12,530.22	\$10,000	\$850,000
Winfield Automated Meter Reading Project	2018	\$804,824.17	\$800,000	\$130,000	\$20,175.83	\$15,000	\$840,000
Dale County Water System Improvements	2018	\$2,803,824.00	\$0	\$0	\$66,176	\$10,000	\$2,880,000
Alabaster Water Distribution System Treatment Upgrades	2019	\$10,128,878.33	\$0	\$0	\$426,121.67	\$10,000	\$10,565,000
Blountsville New Ground Water Storage Tank and Booster Station Improvements	2019	\$700,628.11	\$0	\$350,000	\$4,371.89	\$10,000	\$715,000
Buhl Elrod Holman 2019 Water System Improvements	2019	\$2,425,749.94	\$0	\$500,000	\$49,250.06	\$10,000	\$2,485,000
Colbert County Water System Improvements	2019	\$1,000,049.17	\$605,000	\$500,000	\$14,950.83	\$10,000	\$1,025,000
Collinsville Water Storage Tanks Rehabilitation, Telemetry and Generator Upgrades	2019	\$783,834.11	\$0	\$391,000	\$7,165.89	\$10,000	\$801,000
Curry Water Treatment Plant and Distribution System	2019	\$25,001,505.67	\$0	\$500,000	\$718,494.33	\$10,000	\$25,730,000
Hodges Proposed Water Supply Upgrades and Improvements	2019	\$310,623.61	\$0	\$154,000	\$3,376.39	\$10,000	\$324,000
Pisgah Water System Improvements	2019	\$452,125.33	\$285,000	\$225,000	\$2,874.67	\$10,000	\$465,000
Red Bay Water Treatment Plant Clearwell Rehabilitation and Proposed New Clearwell	2019	\$418,287.50	\$0	\$207,000	\$3,712.50	\$10,000	\$432,000
Robertsdale Conversion of Water System to AMI Meters	2019	\$1,905,705.83	\$1,904,000	\$421,460	\$30,754.17	\$10,000	\$1,946,460
West Barbour County WA Water Main Replacement	2019	\$138,413.33	\$0	\$69,000	\$586.67	\$10,000	\$149,000
West Morgan East Lawrence Reverse Osmosis Treatment Plant	2019	\$30,004,392.50	\$0	\$500,000	\$1,900,607.50	\$10,000	\$31,915,000
York Rehabilitation of McGregor and Oswald	2019	\$1,029,005.00	\$0	\$500,000	\$5,995	\$10,000	\$1,045,000
Jacksons' Gap Capital Improvements (SUPPL)	2020	\$54,686.19	\$0	\$0	\$313.81	\$10,000	\$65,000
Cullman (SUPPL) Duck River Raw Water Pump Station, Transmission Main & WTP	2020	\$6,000,000.00	\$0	\$0	\$0	\$10,000	\$6,010,000
Centre WTP Upgrade with GAC Filtration (SUPPL)	2020	\$803,971.78	\$0	\$0	\$16,028.22	\$10,000	\$830,000
Summerdale Water System Expansion Improvements	2020	\$450,737.50	\$0	\$0.00	\$4,262.50	\$10,000	\$465,000
23 Loans		\$87,238,788.80	\$4,585,000	\$5,449,460.00	\$3,295,671.20	\$235,000	\$90,769,460

System Funding <3,300 Population

Project Name	IUP FY	Bind Date	Loan Amount	Population
Pine Hill Water Meter Replacement	2018	12/15/2019	\$480,000	2400
Rogersville 2018 Water System Improvements	2018	11/1/2019	\$387,000	1631
White Hall Water System Improvements	2018	12/20/2019	\$850,000	1200
Winfield Automated Meter Reading Project	2018	1/15/2020	\$840,000	2500
Collinsville Water Storage Tanks Rehabilitation, Telemetry and Generator Upgrades	2019	3/15/2020	\$801,000	1050
Hodges Proposed Water Supply Upgrades and Improvements	2019	2/1/2020	\$324,000	2430
Pisgah Water System Improvements	2019	7/15/2020	\$465,000	500
West Barbour County WA Water Main Replacement	2019	6/1/2020	\$149,000	1150
York Rehabilitation of McGregor & Oswald EWTs & Millville SP	2019	4/1/2020	\$1,045,000	3255
Centre WTP Upgrade with GAC Filtration (SUPPL)	2020	4/15/2020	\$830,000	3089
Summerdale Water System Expansion Improvements	2020	8/1/2020	\$465,000	862
			\$6,171,000	20,067

System Funding > 3,300 Population

Project Name	IUP FY	Bind Date	Loan Amount	Population
Rogersville Water System Improvements	2017	11/1/2019	\$365,000	4893
Dale County Water System Improvements	2018	2/15/2020	\$2,880,000	6250
Alabaster Water Distribution System Treatment Upgrades	2019	2/1/2020	\$10,565,000	33320
Blountsville New Ground Water Storage Tank and Booster Station Improvements	2019	2/15/2020	\$715,000	3642
Buhl Elrod Holman 2019 Water System Improvements	2019	2/15/2020	\$2,485,000	3597
Colbert County Water System Improvements	2019	9/15/2020	\$1,025,000	135420
Curry Water Treatment Plant and Distribution System	2019	9/15/2020	\$25,730,000	17370
Red Bay Water Treatment Plant Clearwell Rehabilitation and Proposed New Clearwell	2019	2/1/2020	\$432,000	6225
Robertsdale Conversion of Water System to AMI Meters	2019	2/1/2020	\$1,946,460	6098
West Morgan East Lawrence Reverse Osmosis Treatment Plant	2019	11/1/2019	\$31,915,000	53000
Jacksons' Gap Capital Improvements (SUPPL)	2020	3/15/2020	\$65,000	6510
Cullman Duck River Improvements (SUPPL)	2020	04/01/2020	\$6,010,000	15,858
			\$84,133,460	276,325

Total Project Funding 84,294,460**System Funding > 3,300 Population 84,133,460 = 93.2%****System Funding < 3,300 Population 6,171,000 = 6.8%**

Exhibit 4 – Long Term Cash Flows

Contributed Capital

*ARRA

FY	Total Grant	Net Grant (minus set asides)	20% Match	Transfer from CWSRF	Total Contributed Capital
1998	\$8,465,600	\$8,126,976	\$1,693,120	\$2,793,648	\$12,613,744
1999	\$8,872,800	\$7,810,450	\$1,774,560	\$2,928,024	\$12,513,034
2000	\$9,221,400	\$8,249,969	\$1,844,280	\$3,043,062	\$13,137,311
2001	\$9,259,500	\$7,855,865	\$1,851,900	\$3,055,635	\$12,763,400
2002	\$8,052,500	\$6,685,924	\$1,610,500	\$2,657,325	\$10,953,749
2003	\$8,004,100	\$7,523,854	\$1,600,820	\$2,641,353	\$11,766,027
2004	\$8,303,100	\$7,970,976	\$1,660,620	\$2,740,023	\$12,371,619
2005	\$8,997,600	\$8,666,160	\$1,799,520	\$2,969,208	\$13,434,908
2006	\$8,229,300	\$7,900,144	\$1,645,860	\$0	\$9,546,004
2007	\$8,229,000	\$7,899,840	\$1,645,800	\$0	\$9,545,640
2008	\$8,146,000	\$7,820,160	\$1,629,200	\$0	\$9,449,360
2009	\$8,146,000	\$7,820,160	\$1,629,200	\$0	\$9,449,360
*2009	\$19,500,000	\$18,720,000	\$0	\$0	\$18,720,000
2010	\$16,823,000	\$16,150,080	\$3,364,600	\$0	\$19,514,680
2011	\$11,674,000	\$11,207,040	\$2,334,800	\$0	\$13,541,840
2012	\$11,125,000	\$10,680,000	\$2,225,000	\$0	\$12,905,000
2013	\$10,438,000	\$10,020,480	\$2,087,600	\$0	\$12,108,080
2014	\$16,892,000	\$16,216,320	\$3,378,400	\$0	\$19,594,720
2015	\$16,781,000	\$16,109,760	\$3,356,200	\$0	\$19,465,960
2016	\$15,876,000	\$15,240,960	\$3,175,200	\$0	\$18,416,160
2017	\$15,740,000	\$15,110,740	\$3,148,000	\$0	\$18,258,740
2018	\$23,944,000	\$22,986,240	\$4,788,000	\$0	\$27,774,240
2019	\$23,721,000	\$22,772,160	\$4,744,200	\$0	\$27,516,360
2020	\$23,736,000	\$23,260,560	\$4,842,000	\$0	\$28,102,560
					\$373,462,496

Net Assets of Program (as of 09/30/20)

Debt Loan Principal Outstanding:	\$ 262,010,000.00
Available Cash and Investments:	\$ 114,160,688.85
Amount Due to Borrowers:	\$ (65,011,586.99)
Federal Letter of Credit Outstanding:	\$ 20,784,200.00
Total Net Assets:	\$ 331,943,301.86



State of Alabama
Alabama Department of Environmental Management
Drinking Water State Revolving Fund (DWSRF) Loan Program

SRF Section
Permits and Services Division
Alabama Department of Environmental Management
Post Office Box 301463
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DWSRF Intended Use Plan



Fiscal Year 2020

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ATTACHMENT 1 – PROJECT PRIORITY

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ATTACHMENT 3 – ALABAMA DWSRF PRE-APPLICATION FORM

I. Introduction

The Safe Drinking Water Act (SDWA) Amendments of 1996 authorized a Drinking Water State Revolving Fund (DWSRF) for the purpose of assisting public water systems to finance the cost of potable water infrastructure. The U.S. Environmental Protection Agency (EPA) is authorized to award capitalization grants to the States, which in turn administer the DWSRF program. This Intended Use Plan (IUP) describes how the State intends to use available DWSRF program funds for the year to meet the objectives of the SDWA and further the goal of protecting public health.

The State of Alabama is applying for \$ 23,736,000 in EPA grant funding that will be used to provide low interest financial assistance from the DWSRF program. The 20% state match requirement for the projected grant is \$4,747,200 will be fulfilled by the overmatch of State Match Bonds. Additionally, in 2019 the State of Alabama was included in the "Additional Supplemental Appropriations for Disaster Relief Act (ASADRA)" To aid the City of Ashford in providing resiliency for their drinking water system, the State of Alabama is applying for an ASADRA grant for \$474,000. The 20% state match requirement (\$94,800) for the ASADRA grant will be fulfilled by the overmatch of State Match Bonds.

Alabama's DWSRF is designed to be a perpetual source of low cost financial assistance for the construction of public water supply facilities needed to meet compliance standards and public health requirements. Once ultimate capitalization has been achieved, the program may utilize the direct loan repayments, undedicated interest from the bond debt service reserve funds and construction funds and assets of the Master State Revolving Account as the source funds to fund direct loans.

II. Program Goals

A. Short-term goals

1. To provide financial assistance for the construction of public water supply facilities on the DWSRF Priority List.
2. To provide DWSRF financial assistance to include additional subsidization in the form of principal forgiveness for not less than the required minimum of \$3,323,040 for the construction of water treatment and distribution facilities.
3. To provide DWSRF financial assistance to include additional subsidization in the form of principal forgiveness for not less than the required minimum of \$1,424,160 to disadvantaged communities for the construction of water treatment and distribution facilities.
4. To provide ASADRA financial assistance to include additional subsidization in the form of principal forgiveness for not less than \$237,000 to the City of Ashford for system resiliency.
5. To provide DWSRF loans for a goal of 10% of the Capitalization Grant to projects which address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. These four categories of projects are the components of the Green Project Reserve.
6. To implement the State's DWSRF in compliance with the Safe Drinking Water Act and to ensure conformance with Federal crosscutting requirements.
7. To protect the public health and the environment and promote the completion of cost-effective water treatment, storage, and distribution facilities.

8. To provide funding for the State of Alabama Public Water System Supervision (PWSS) program using the 10% State Program Management set-aside.

9. To provide assistance for educational events promoting objectives consistent with the Safe Drinking Water Act through the 15% Local Assistance and Other State Programs Activities set-aside.

B. Long term goals

1. To maintain the DWSRF program and the long-term fiscal integrity of the fund.
2. To provide a self-perpetuating source of financial assistance for the construction of public water treatment and distribution facilities needed to meet the public health goals of the Safe Drinking Water Act.
3. To fund projects which will have a positive impact on public health and ensure compliance with the Safe Drinking Water Act.
4. To assist systems in ensuring affordable water supply.

The Department shall comply with all of the requirements of the Operating Agreement made with EPA dated August 8, 1998, including the assurances contained therein. The Operating Agreement is incorporated by reference.

The Department is in compliance with the operator certification and capacity development regulations along with the associated reporting requirements.

III. Sources and Uses of Funds:

The Department is expected to fund FY 2020 projects using a combination of interest earnings on the Fund, repayments from direct loans, and the 2020 EPA Capitalization Grant. Match for the EPA Grant will be fulfilled by overmatch of State Match Bonds issued in previous years' and a contribution from ADEM State Enforcement Action. The estimated sources and uses of funds in the FY 2020 DWSRF program are as follows:

Projected Sources:

2020 EPA DWSRF Cap Grant:	\$23,736,000
DWSRF State Match:	\$4,747,200
ASADRA Grant	\$474,000
ASADRA Grant Match	\$94,800
<u>Direct Loan Repayments, Interest Earnings and Unobligated Funds:</u>	<u>\$78,151,440</u>
Total:	\$107,203,440

Projected Uses:

Project Assistance:	\$105,129,000
10% State Program Management:	\$1,100,000
15% Local Assistance:	\$25,000
<u>Funds Reserved for Administrative Cost (4%):</u>	<u>\$949,440</u>
	\$107,203,440

A. Leveraging

The Department does not intend to issue DWSRF revenue bonds for new projects during FY 2020.

B. Transfer of Funds

In accordance with 40 CFR 35.3530, the Alabama Department of Environmental Management (the Department) plans to transfer up to \$72,952,803 from the Clean Water State Revolving Fund (CWSRF) to the DWSRF. Funds transferred from the CWSRF to the DWSRF are to be used to fulfill the DWSRF infrastructure financing demand.

C. Eligible projects to be funded

Eligible projects include the planning, design, and construction of improvements to:

- Rehabilitate or develop water sources to replace contaminated sources;
- Install or upgrade treatment facilities if the project would improve the quality of drinking water to comply with primary or secondary standards;
- Install or upgrade water storage tanks to prevent microbiological contaminants from entering the water system;
- Install or replace distribution pipes to prevent contamination caused by leaks or breaks in the pipe.
- Consolidate water supplies when customers have an inadequate quantity of water, the water supply is contaminated, or the system is unable to maintain compliance for financial or managerial reasons; and
- Other projects meeting the priority objectives of the program.

D. Financial terms of loans

The Fund may offer loans for up to 100 percent of allowable project costs for the construction of water treatment and distribution facilities and may offer a range of options regarding the term, interest rate and level of loan funding. Such loans must be made at or below market interest rates as determined by the Department. Loan interest rates will usually be set approximately 1% - 1.5% less than the AAA rated tax exempt municipal bonds.

The total term financing shall not exceed 20 years. Repayments shall commence after completion of construction or within 3 years for which such financial assistance was made. Financial assistance repayments shall be made in accordance with the repayment schedule indicated in the recipients financial agreement. Principal and accrued interest with respect to a particular financial agreement may be prepaid in accordance with the provisions of the financial agreement. Interest shall accrue from the estimated date of the execution of the DWSRF financial agreement.

Project fund disbursements to recipients at intervals as work progresses and expenses are incurred and approved.

The specific terms and conditions of the funds shall be incorporated in the financial agreement to be executed by the recipient and the Department.

IV. Project Selection and Method for Distribution of Funds

A. Priority List

In order to be considered for DWSRF assistance, projects must be on or added to the Priority List and have a proposed project schedule that coincides with the availability of DWSRF funds. The DWSRF priority list was developed by identifying the priority point rating for each proposed project. The funding of such projects is also subject to the availability of funds.

The State reserves the right to fund projects not on the priority list, on an emergency basis, if funds are available. Emergency projects would include those where some type of failure was unanticipated and requires immediate attention to protect public health. Additionally, supplemental loans may be issued to previous recipients as needed to complete segmented projects or to cover cost overruns. See Attachment 1.

B. Additional Subsidization:

The 2020 EPA Capitalization Grant includes a requirement for a minimum \$3,323,040 be provided as assistance with additional subsidy. In addition, America's Water Infrastructure Act of 2018 (AWIA) requires a minimum of \$1,424,160 be provided to disadvantaged communities in the form of additional subsidy. The Department will meet these requirements by offering selected borrowers additional subsidization in the form of principal forgiveness. The Department expects to allocate principal forgiveness exclusively to projects in communities determined to be disadvantaged with the highest ratio of annual average water bill to median household income. Up to 50% of project loan costs not to exceed \$500,000 will be provided as principal forgiveness to the highest rated communities until the requirement is met. Any subsequent revision to this project list will likewise demonstrate principal forgiveness will be provided to meet the required percentage of the Capitalization Grant.

Additionally, \$237,000 will be provided to the City of Ashford in the form of principal forgiveness as allowed by the 2019 Additional Supplemental Appropriations for Disaster Relief Act.

The Department has authority to provide additional subsidization to meet the requirements by the Code of Alabama Section 22-23B-3.

C. Green Project Reserve:

Projects that address green infrastructure, water or energy efficiency or other environmentally innovative activities are the components of the Green Project Reserve (GPR) as provided by guidance from EPA. Although EPA is not requiring a minimum GPR component, ADEM will identify these projects and expects no less than 10% of Grant funds be provided for these projects.

Attachments 1 and 2 identify projects which include components of the GPR and indicate which type of GPR project it is, whether it is a categorical GPR project, and how much of the project's cost is applicable to GPR. Final project component costs applicable to green infrastructure may be revised based on final project submittal, final bid amounts or change in green infrastructure determination.

D. Prevailing Wages

Davis-Bacon wage requirements apply for fiscal year 2020 and each fiscal year thereafter and the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C. 300j-9(e)) shall apply to any construction project carried out in whole or in part with assistance made available by the DWSRF as authorized by section 1452 of that Act (42 U.S.C. 300j-12). The Department will include in all loan agreements and procurement contracts terms and conditions requiring compliance with this requirement.

E. Distribution of Funds to Set-Aside Accounts

EPA provisions allow funds to be set aside from the State Revolving Fund Capitalization Grant for activities such as administration of the SRF Program, operator training and technical assistance, special drinking water projects, and source water assessment. These activities are discussed in "Set-Aside Activities" below.

F. Selection of Systems to Receive Assistance

To the maximum extent possible, the DWSRF gives priority for the use of funds to projects that address the most serious risk to human health and are necessary to ensure compliance with the Safe Drinking Water Act.

The criteria for ranking projects give priority to projects that:

1. Provide the highest nature of benefit;
2. Benefit the most people per dollar expended;
3. Assist systems most in need on a per household affordability basis as required by the Safe Drinking Water Act.
4. Use consolidation with other systems to correct existing deficiencies and improve management.

These considerations are addressed by the Priority Ranking Criteria found in ADEM Administrative Code R. 335-11-2-.04 and in the DWSRF Pre-Application provided in Attachment 3.

Following completion of the ranking process, the priority list will be reviewed to determine if at least 15% of amount projected to be funded is for public water systems which regularly serve fewer than 10,000 people, as required by the SDWA. If this is not the case, the priority list will be adjusted by exchanging the lowest ranking projects above the funding line that serve 10,000 or more with the highest ranking projects below the funding line that serve fewer than 10,000, until the 15% requirement is satisfied.

When two or more projects score equally under the Project Priority System a tie breaking procedure will be utilized. The project with the smallest number of existing customers served will receive the higher ranking.

A project on the fundable portion of the list may be bypassed and the next eligible project funded if it is determined that the project will not be ready to proceed during the funding year. The Department will give the applicant whose project is to be bypassed written notice. Projects that have been bypassed may be funded at a later date when the project is ready to proceed. Should a system on the funded list decline the loan, the next ranked project shall be offered access to all or a portion of these funds.

G. Project Bypass/Reallotment:

The Department may bypass any project on the DWSRF Priority List that is not, in the Department's opinion, making satisfactory progress in satisfying requirements for DWSRF assistance. Bypassed projects will be removed from the priority list. In determining whether or not a project is making satisfactory progress in satisfying the requirements for DWSRF assistance, the Department shall use the criteria contained in subparagraphs 1- 6 of this paragraph. Funds released through project bypass will be considered as uncommitted and available for redistribution in accordance with this section.

1. Any project on the DWSRF Priority List may be bypassed if the applicant fails to submit a complete DWSRF application.

2. The Department may use individual project schedules developed by the Department to determine whether or not the project is making satisfactory progress during the fiscal year.
3. In order to comply with EPA certification restrictions related to equivalency requirements, it may be necessary to bypass projects which have not complied with Title II requirements and other federal authorities.
4. Any project on the DWSRF Priority List may be bypassed if the applicant fails to demonstrate the ability to repay the loan.
5. To maintain the fiscal integrity of a leveraged loan program or provide funds for new construction, the Department may choose to bypass projects which involve refinancing of existing debt.
6. Projects may be removed from the priority list at the request of the applicant or if the Department finds that the project is ineligible for DWSRF assistance.

V. Set-Aside Activities

A. Administrative Set-Aside

SRF Guidelines allow states to set aside 4% of the grant for SRF administrative costs. Administrative funds of \$949,440 will be used to pay costs for personnel, travel and training, equipment, supplies, audit fees, and indirect costs associated with implementing the SRF Program.

B. 2% Small Systems Technical Assistance

The Department will not reserve any funding to provide small systems technical assistance.

C. 10% State Program Management

The Department will reserve \$1,100,000 to provide funding for the State of Alabama Public Water System Supervision (PWSS) program.

D. 15% Local Assistance and Other State Programs

The Department will reserve \$25,000 to provide assistance to communities for educational events promoting objectives consistent with the Safe Drinking Water Act.

VI. Program Income

The Alabama Drinking Water Finance Authority, with ADEM as its agent, assesses a fee annually based on outstanding principal. These fees vary based on the fiscal year to which the loan agreement was secured. These fees are collected twice a year, when the recipient initiates repayment of the loan. In accordance with EPA regulations, fees collected from loans sourced from outstanding grants will be used for administration of the SRF fund only. All other fees will be used for activities eligible of the DWSRF grant only. The Department expects to receive fees during FY 2020 as follows:

Total Program Income	Program Income Collected During Grant Period	Program Income Collected After Grant Period
\$1,960,991.02	\$0.00	\$1,960,991.02

VII: Estimated DWSRF Capitalization Grant Schedules

Estimated Grant Draw Schedule

Fiscal year	Month	Draw
2021	Oct	\$1,978,000
2021	Nov	\$1,978,000
2021	Dec	\$1,978,000
2021	Jan	\$1,978,000
2021	Feb	\$1,978,000
2021	Mar	\$1,978,000
2021	Apr	\$1,978,000
2021	May	\$1,978,000
2021	Jun	\$1,978,000
2021	Jul	\$1,978,000
2021	Aug	\$1,978,000
2021	Sep	\$1,978,000
Total		\$23,736,000

Estimated Grant Draw Schedule

Fiscal year	Month	Payment
2021	Oct	\$1,978,000
2021	Nov	\$1,978,000
2021	Dec	\$1,978,000
2021	Jan	\$1,978,000
2021	Feb	\$1,978,000
2021	Mar	\$1,978,000
2021	Apr	\$1,978,000
2021	May	\$1,978,000
2021	Jun	\$1,978,000
2021	Jul	\$1,978,000
2021	Aug	\$1,978,000
2021	Sep	\$1,978,000
Total		\$23,736,000

Payments are defined as increases to the amount of funds available from the federal SRF capitalization grant. This draft payment schedule is based on the State's projection of binding commitments and disbursements from the SRF to the members of the SRF project list. As most of the capitalization grant is expected to be used for direct loans, the disbursement schedule is essentially the same as the grant payment schedule.

The disbursement of funds will be in proportion to the amount of state and federal funds provided by the grant and state match. This will be ensured by disbursing all State Match funds prior to drawing capitalization grant funds for project disbursements.

A. Capitalization Grant Budget Periods:

2020 EPA DWSRF Capitalization Grant

October 1, 2020 through September 30, 2024

Attachment 1

Attachment 1 - Project Priority List

County Served	Applicant Name	Population Served	Priority Point Rank	Assistance Amount	Subsidization Amount (Principal Forgiveness)	Estimated Construction Start Date
Cherokee	Centre, Water Works and Sewer Board of the Town of	9,600	Supplemental	\$800,000		
Tallapoosa	Jacksons' Gap Water Authority	6,510	Supplemental	\$50,000		
Shelby	Alabaster Water Board	12,200	Supplemental	\$6,000,000		
Cullman	Cullman, Utilities Board of The City of	63,000	Supplemental	\$6,000,000		
Blount	Oneonta, Utilities Board of the City of	19884	275	\$6,500,000		10/1/2020
Talladega	Talladega, City of	19,260	240	\$10,250,000	\$500,000	10/1/2020
Lauderdale	Florence, City of	77,754	205	\$15,000,000		10/1/2020
Walker	Dora, Waterworks and Gas Board of	4,140	190	\$2,223,000	\$500,000	7/15/2020
Walker	Parrish Waterworks & Sewer Board	5,718	170	\$1,068,000	\$500,000	9/15/2020
Morgan	Hartselle Utilities	21,057	165	\$1,900,000		8/1/2020
Crenshaw	South Crenshaw County Water Authority	5,775	145	\$1,458,000	\$500,000	10/1/2020
Baldwin	Daphne, Utilities Board of the City of	25,960	135	\$5,200,000		11/1/2020
Russell	Phenix City Utilities Department	36,219	130	\$3,521,000		10/31/2020
Coosa	Goodwater, City of	1,330	110	\$380,000	\$190,000	6/1/2021
Tallapoosa	Walnut Hill Water Authority	12,069	105	\$450,000	\$225,000	8/1/2020
Mobile	Mobile Board of Water & Sewer Commissioners (MAWSS) Master Plan	259,224	90	\$12,850,000		10/1/2019
Tuscaloosa	Citizen's Water Service, Inc.	11,517	85	\$2,202,000		1/1/2021
Madison	Huntsville Utilities	194,585	80	\$10,600,000		7/6/2020
Crenshaw	Luverne, City of	4,125	80	\$546,000		10/1/2020
Lawrence	Moulton, City of	9,165	75	\$1,000,000	\$500,000	4/1/2021
Randolph	Woodland, Town of	1,416	75	\$552,000		4/1/2021
Marion	Hackleburg Water and Sewer Board	1,467	70	\$998,000	\$499,000	4/1/2021
Baldwin	East Central Baldwin Couty Water, Sewer, and Fire Protection Authority	5,505	60	\$680,000	\$223,200	4/1/2021
Dale	Pinckard, Town of	1,500	60	\$362,000		7/1/2020
Blount	Cleveland, Town of	2,320	55	\$370,000	\$185,000	6/1/2021
Geneva	Malvern, Town of	1,650	55	\$220,000		11/1/2020
Colbert	Sheffield Utilities	13,200	50	\$850,000	\$425,000	10/1/2020
Houston	*Ashford, City of	3,693	50	\$474,000	\$237,000	7/1/2020
Bibb	Greenpond Water System, Inc.	8,595	40	\$3,321,000		10/1/2020
Baldwin	Summerdale, Town of	1,379	35	\$579,000		3/1/2020
Lawrence	West Lawrence Water Authority	14,958	30	\$1,000,000	\$500,000	4/1/2021
Hale	Moundville, City of	4,653	20	\$2,385,000		11/15/2020
Shelby	Pelham, City of	35,115	10	\$5,340,000		8/1/2021
DWSRF Totals				\$104,655,000	\$4,747,200	
ASADRA Totals				\$474,000	\$237,000	

*Ashford funded through the Additional Supplemental Appropriations for Disaster Relief Act, 2019

Attachment 2

Attachment II

East Central Baldwin WA Water System Improvements

This project consists of the installation of 4,400 linear feet of 10" PVC and 3,000 linear feet of 12" polyethylene water mains and associated appurtenances. Proposed improvements will significantly reduce or eliminate unnecessary water loss and further insure an efficient, reliable, and continued source of drinking water to system customers.

Pinkard Tank Rehabilitation Project

The proposed project consists of the rehabilitation of two elevated water storage tanks by recoating with a long duration epoxy paint to extend the useful life of the tanks. Rehabilitation of the storage tanks will ensure the continued provision of safe drinking water and service reliability for area water customers.

Oneonta Water System Improvements

The proposed project consists of multiple water system improvements including: system consolidation, adequately sized water mains and valves, water meter replacement, installation of VFD pumps, tank rehabilitation, booster pump rehabilitation and replacement, various water treatment plant upgrades, and backup generators at existing well sites.

Malvern Radio Read Meter Project

The Town of Malvern proposes a project to replace the systems existing manual read meters with new radio read meters. The new radio read meters will improve meter accuracy thus increasing revenues and encouraging water conservation.

Luverne Water System Improvements

This project proposes to replace approximately 1 mile of 3 inch lead joint water main with new PVC water main. Replacement of the water main will ensure adequate and quality water to the Luverne Water System customers.

Talladega Water System Improvements

The Talladega Water Systems proposes several improvements to its water system including: line replacements, meter replacements, tank rehabilitation, electrical upgrades, booster pump rehabilitation and replacement, VFD pump installation, and water treatment plant upgrades.

South Crenshaw County Water System Improvements

This project consists of replacement of all existing water meters within the system with new automatic radio read meters, reading equipment, billing software and other necessary components. In addition, the Installation of a six inch water main to bypass a section of existing water main that is often inaccessible due to terrain as well as the installation of three inch water main to eliminate need to purchase water from an adjoining system.

Alabaster System Improvements (Supplemental)

The proposed project includes water main improvements, water storage tank rehabilitation, well and water plant rehabilitation, new water supply well, booster pumping station capacity upgrade and rehabilitation, installation of a backup generator, SCADA and security improvements, water meter replacement with smart meters, a new office, operations, and future water treatment plant facility.

Centre WTP Upgrade with GAC Filtration (Supplemental)

The Waterworks and Sewer Board of the Town of Centre proposes a project to provide increased treatment efficiency for its service area. The proposed project will consist of the addition of a granulated activated carbon (GAC) filtration system and related appurtenances to the existing water treatment process at the Centre Water Treatment Plant (WTP). Completion of this project provides a proactive, lasting response in treating source water (Coosa River) contaminants; thus, maintaining regulatory compliance and producing safe drinking water for its customers.

Cleveland Water Systems Improvements

The Town of Cleveland proposes a project to provide improved drinking water distribution and source reliability within its water system. The proposed project will consist of a new well and well house to supply more water to the system and eliminate continued water purchasing from a neighboring water system. In addition, two (2) new water lines will be constructed from the water lines in the Oneonta and Blountsville water systems, both connecting to the Cleveland water lines to provide adequate water supply back up. The improved water supply will also ensure that sufficient drinking water is supplied to a local public park and ballfields to alleviate health concerns. Various electrical upgrades at the Cleveland WTP (Water Treatment Plant) will be performed to accommodate the additional water volume and repair normal wear concerns. Completion of these improvements will provide an improved quality of life for The Town's customers by providing safe, reliable drinking water in a cost-effective manner.

Jacksons' Gap Capital Improvements (Supplemental)

The Jacksons' Gap Water Authority proposes improvements to increase the efficiency of its drinking water distribution system. Improvements will include the installation of a constant pressure booster station to increase and maintain sufficient pressure to the highest elevation points in the system. Installation of a single-phase, auxiliary generator (with automatic transfer capability) or the installation of variable frequency drive (VFD) capability will also be added to various water system booster stations as necessary. Completion of the proposed improvements will provide for a system with increased water supply efficiency and reliability as well as reduced operational costs for its customers.

Pelham AMR Water Meter Replacement & Ballantrae Back Up Water Main

The City of Pelham proposes a project to improve the drinking water distribution reliability within its water system. The proposed project will consist of system-wide analog water meter replacement with AMR (Automatic Read) water meters in addition to the construction of a backup water line to the Ballantrae development and the easternmost portion of Pelham's water system; along Highway 336 with system connection at Ballantrae Club Drive. Completion of these improvements will increase the water system's reliability by allowing for safe drinking water transmission should there be a repair needed in the rough terrain of this area. Moreover, providing this proactive measure will avoid having a water main break removed from service for repair, and, consequently, exposing the entire service area to an extended water outage.

Citizen's Water Main Upgrade

The Citizen's Water Service, Inc. (CWS) proposes a project to provide improved drinking water distribution reliability within its water system. The proposed project will consist of installation of a 12-inch water main along George Newell Road to an existing 12-inch water main, installation of a 12-inch water main along Paradise Lane to an existing 6-inch water main and installation of a booster pump station. Completion of this proposed project will reduce friction loss and increase pressure in the distribution system and provide additional fire protection.

Attachment II

Cullman Duck River (Supplemental)

The Utilities Board of the City of Cullman proposes to construct a new water pump station and associated transmission main. Proposed project work will transmit raw water from the newly constructed Duck River reservoir to the Cullman Utilities water treatment facility. The project will enable Cullman Utilities to provide a second raw water source in the event of a drought or emergency and increase the region's water supply to meet current and future demands to the water system.

Dora Water System Improvements

The Dora Water System proposes a project to provide improved drinking water reliability within its water system. The proposed project will consist of replacement of 59,440 feet of undersized water main. The water main replacement is proposed along Bryan Road, Burnwell Road and Yerkwood. Completion of this proposed project will alleviate low water pressure, reduce leaks and line breaks and reduce the unaccounted for water loss.

Greenpond System Improvements

The Greenpond Water System proposes a project to provide improved drinking water reliability within its distribution system. The proposed project will consist of installation of 32,000 L.F. of water main to interconnect with Citizens' Water Service (CWS) and installation of a booster pump station. Completion of this proposed project will provide an additional source of water to meet the current and future demands of the Greenpond Water System.

Hackleburg Meter and Line Replacement

The Town of Hackleburg proposes a project to replace existing meters and service lines within the distribution system. The proposed project will consist of replacing existing water meters with new AMR meters and also replace the service lines from the main to the meter. Completion of this proposed project will reduce the unaccounted for water loss and decrease overall operational cost associated with labor and transportation.

Hartselle Distribution Upgrades

The Hartselle Utilities (HU) proposes a project to provide adequate water pressure and reliability within the HU water system. The proposed project will consist of installation of a new booster pumping station, 2500 L.F. of new water main and associated appurtenances. Completion of this proposed project will provide adequate water pressure in high level pressure zones within the (HU) water system, thus providing safe quality drinking water for all residents.

Moulton Distribution Upgrades

The City of Moulton proposes a project to upgrade the existing water treatment plant and distribution system. The proposed project will consist of upgrading the current 10-inch water main from the treatment plant to the distribution system. Completion of this project will provide additional flow from the treatment plant into the distribution system.

Goodwater AMR Meters

The City of Goodwater proposes to replace existing meters with Automatic Meter Read (AMR) meters. Completion of this project will enable the utility to reduce water loss and reduce fuel consumption while reading meters which will increase the efficiency of the water system.

Attachment II

Parrish Distribution System Upgrades

The Parrish Water Board proposes a project to provide improved drinking water reliability within its distribution system. The proposed project will consist of replacing undersized water main, replacing the High Hill Booster Pump Station, replacing the telemetry system and the rehabilitation of the Main Water Storage Tank (Downtown). Completion of this proposed project will alleviate low water pressure, reduce leaks, reduce the unaccounted for water loss and decrease overall operational cost associated with labor and transportation.

Sheffield Water Meters

The Sheffield proposes a project to provide improved drinking water distribution within its water system. The proposed project will consist of replacement of 2,467 existing water meters with new AMR/AMI meters. Completion of this proposed project will reduce the unaccounted water loss and decrease overall operational cost associated with labor and transportation.

West Lawrence System Upgrade

The West Lawrence Water Authority proposes a project to provide improved reliability within the distribution system by upgrading the existing infrastructure. The project will consists of installation of a new water main from connecting to the City of Moulton water treatment plant to the West Lawrence Loosier Million Gallon Storage Tank and removal of an existing booster pump station. Completion of this proposed project will provide a more reliable water service between the West Lawrence Water Authority and the City of Moulton.

Daphne Various Water System Improvements

The Utilities Board of the City of Daphne proposes a project for various water system improvements. The project includes improvements to two water storage tanks, installation of a new well and replacement of another well, and water main upgrades in two areas of the city. Improvements will provide additional storage capacity to meet current needs, additional well capacity and replacement of an aging well, and necessary water main improvements to replace aging infrastructure.

Huntsville Utilities Water System Improvements (Multi-Year Capital Plan)

Huntsville Utilities has proposed a project for various water system improvements. The project consists of the construction of a transmission main along Bailey Cove Rd., Swancott Road and Research Park Blvd. The project also includes the construction of a water main along Swancott Road and US Highway 72. Rehabilitation improvements will also be made to the South Parkway Water Treatment Plant and the South West Water Treatment Plant. A water storage tank will also be constructed in order to provide redundancy and storage to the US Highway 72 West area.

Phenix City Water System Improvements

The Phenix City Utilities Department proposes a project with various water system improvements including a water main extension and storage tank rehabilitation. The water main extension will be approximately 9,500 LF and will help improve pressure levels along the high elevation of the road. The storage tank rehabilitation consists of 5 storage tanks. The improvements will repair sanitary and safety defects that are currently at the storage tanks and provide the necessary repaint and recoating of the tanks.

Attachment II

Summerdale Water System Improvements

The Town of Summerdale proposes a project that will provide drinking water availability to areas in the town where public water lines are currently unavailable. The project will consist of the installation of 2.5 miles of new water main infrastructure, and provide connections to the existing Summerdale water system.

Woodland Water System Rehabilitation

The Town of Woodland proposes a project to replace existing meters with Automatic Meter Read (AMR) meters, as well as the replacement of old water lines. Completion of this project will enable the town to reduce unaccounted water loss while increasing the efficiency of the system. New water lines will replace old water lines due to age, leaks, breaks, lead or asbestos-cement piping.

Florence Capital Improvement Plan

The City of Florence proposes a long range project to upgrade the existing water treatment plants and distribution system. The project will be completed in four phases and consist of replacement of the aerator, flocculator drives, lime feeder, upgrading the effluent troughs and installing continuous sludge removal equipment at Wilson Lake Water Treatment Plant; installation of static screens, replacement of raw water pumps, media, underdrains and lime feeder, and installation of a generator at Cypress Creek Water Treatment Plant; replacement and upgrade of water lines throughout the distribution system; replacement and upgrade of booster pump stations; abandon, replace and construct water storage tanks throughout the distribution system. Completion of this proposed project will reduce leaks and unaccounted for water loss, resolve pressure issues, provide redundancy in the distribution system and increase the City of Florence ability to meet current and future demands of the water system.

Ashford Emergency Generators and SCADA Improvements

The proposed project consists of the installation of emergency generators at each of the City's two (2) existing potable water wells. Along with generator installation, this project includes the installation of a SCADA system to monitor each of the City's well and tank sites. This project is being completed as hurricane preparedness for the City's water distribution system.

Mobile Drinking Water Master Plan

The Mobile Board of Water and Sewer Commissioners (MAWSS) proposes improvements to Stickney WTP which include installation of VFD and actuator pumps, improvements to Operations Building, HVAC improvements to blower and sludge pump buildings, replacement of six (6) MCCs, new emergency generator, new main electrical and generator building, repairs and renovations to reservoirs, new finished water line to clearwells, new laboratory, security upgrades, new flammable storage building, and sludge removal; solids handling and SCADA improvements at Myers WTP; DC to AC conversion study and emergency by-pass connection at Big Creek Pump Station; development of SCADA change management processes and procedures; design and implementation support of Wide Area Network (WAN) SCADA; development of updated radio telemetry; cybersecurity program design: structural, mechanical, and electrical upgrades to various booster pump stations; and implementation of permanent spill isolation and contamination prevention BMPs at Big Creek Lake. These improvements will insure continued provision of safe drinking water to all service area customers.

Attachment II

Moundville Elevated Storage Tank

The City of Moundville proposes a project to increase storage capacity within the water system. The project will consist of construction of a 500,000 gallon elevated water storage tank with an onsite 400 GPM booster pump station and upgrades to the existing SCADA system. Completion of this project will provide additional storage capacity for emergency situations.

Walnut Hill Water Main Addition

The Walnut Hill Water Authority proposes a project providing water lines to an area currently unserved. The project will include the installation of approximately 40,000 LF of water main to residents in the area. New water lines will fix water quality issues and create a safe and reliable water supply to residents.

Attachment 3



Form 370: Drinking Water State Revolving Fund Preapplication

The purpose of this preapplication is to gather information concerning potential projects eligible for funding from the Drinking Water State Revolving Fund (DWSRF). The DWSRF was established through amendments to the Safe Drinking Water Act (SDWA) to provide low-interest rate financing for construction of public water system improvements. This information will be used to develop a priority list of projects that will be eligible for assistance from the DWSRF. This form may be submitted at any time, but for the highest probability of funding it is recommended that it be submitted as early as possible after the start of the fiscal year (October 1). Please review the instructions, sign and date the preapplication and submit two complete copies with attachments to:

SRF Section
Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, Alabama 36130-1463

If by overnight mail:
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400
(334) 271-913



Project Name		Assistance Amount Requested \$
Applicant	County	DUNS Number
Name and Title of Contact Person	Telephone	FAX
Street Address or Post Office Box	City, State, and ZIP	Email Address
Consulting Engineer	Telephone	FAX
Firm	Email	
Street Address or Post Office Box	City, State, and Zip	
Number of Connections to be Served by the Project	AL House District(s)	AL Senate District(s)
Total Number of System Connections (Current)	PWSID Number	DUNS Number

For the following questions, please attach additional pages if adequate space is not provided on this form:

1. Break down the total project costs (categories should sum to 100%):

Treatment: ____% Distribution: ____% Source: ____% Storage: ____%

2. Give a brief description of the proposed project and attach a copy of the preliminary engineering report (PER).

3. Give an estimated cost outline for the entire project. If available, give line item breakdowns.

4. List all other funding sources to be utilized to complete this project.

Other Funding Source(s)	Amount(s)	Commitment Date

5. Provide a proposed project schedule.

Activity	Date
Plans & Specifications Submitted to ADEM	
Bid Opening	
Notice to Proceed	
Start Construction	
Complete Construction	

6. Enter the Median Household Income (MHI) for the affected community:

Source: _____

\$

7. Enter the Average Annual Household Water Bill:

Source: _____

\$

Priority Ranking System

The following factors are used to rank the proposed project and will ultimately determine if the project is fundable. The applicant must provide documentation where required in order to receive credit. Any ranking criteria that cannot be verified by the Department will be awarded zero points.

A. Enforcement and Compliance Rating Criteria (Maximum: 50 points)

	Ranking Criteria	Point Value
1	The system is under formal enforcement action by ADEM. Completion of the project will return the system to compliance.*	50
2	The project is a voluntary effort to resolve noncompliance and will mitigate the issuance of a formal enforcement action. *	40
3	The system is currently in compliance but will be in imminent noncompliance without the proposed project.*	25
	Circle the point value that applies to the project and enter the total points claimed here. If none of the above criteria apply, enter zero. Note that credit can be claimed for only one of the above criteria.	

*Applicant must provide supporting documentation to receive credit.

B. Drinking Water Contaminants Criteria (Maximum: 150 points)

	Ranking Criteria	Point Value
1	The system has current primary MCL violations and completion of the project will return the system to compliance.	100
2	The system has current secondary MCL violations and completion of the project will return the system to compliance.	50
3	The primary purpose of the project is to extend service to persons presently served by contaminated wells.*	50
	Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.	

*Applicant must attach supporting documentation from the local Health Department to receive credit.

C. Water/Energy Efficiency Rating (Maximum: 45 points)

	Ranking Criteria	Point Value
1	The project significantly reduces unaccounted for water loss. The unaccounted for water loss during the last 12-month period was*:	
	50% or higher	25
	35% or higher	20
	20% or higher	10
	15% or higher	5
2	The project incorporates energy efficient design considerations with established objectives and targets for energy reduction opportunities.*	5

3	The project uses renewable energy such as wind, solar, geothermal, hydroelectric, micro-hydroelectric, biogas combined heat and power (CHP) systems, or biofuels production to provide power to a drinking water treatment plant.	5
4	The project implements upgrades to pumps and treatment processes which result in:	
	a) 20% or greater reduction in energy consumption at a drinking water treatment plant.*	10
	b) 10-20% reduction in energy consumption at a drinking water treatment plant, or 20% or greater reduction in energy consumption at a remote pump station.*	5
Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.		

*Applicant must provide supporting documentation to receive credit.

D. Capacity and Pressure Criteria (Maximum: 100 points)

	Ranking Criteria	Point Value
1	The system lacks adequate capacity to provide safe drinking water, as evidenced by boil water notices, and/or total lack of service to existing customers for a significant period of time. Completion of the project will provide adequate capacity for existing customers.*	100
2	The project will mitigate pressure readings of <20 psi at 50 or more customer meters.*	50
3	The project will mitigate pressure readings of <20 psi at 10-49 customer meters.*	25
Circle the point value(s) that apply to the project and enter the total points claimed here. If none of the above criteria apply, enter zero.		

*Applicant must provide supporting documentation to receive credit.

E. System Consolidation Criteria (Maximum: 100 points)

	Ranking Criteria	Point Value
1	The project will consolidate two or more systems, resulting in the elimination of at least one public water system.	100
2	The project will establish a new interconnection between two water systems, where the beneficiary water system (or portion of the beneficiary water system) is served by only one source.	25
Circle the point value(s) that apply to the project and enter the total points claimed here (maximum credit 50 points). If none of the above criteria apply, enter zero.		

F. Sustainability Criteria (50 possible bonus points)

	Ranking Criteria	Point Value
1	The project implements one or more of the following planning methodologies:	
	a) Asset Management Plan*	10
	b) Water Conservation Plan, adopted by governing body*	5

2	The project includes one or several of the following design considerations:	
	a) LEED certified or other ADEM-approved green building techniques.	5
	b) Project envelope is located in a previously developed area.	5
	c) Use of environmentally friendly post-consumer recycled or reclaimed materials.	5
3	The project incorporates at least one of the following construction methods:	
	• Innovative erosion control practices;	5
	• Protection of onsite trees, vegetation, native habitats and urban forests; or	
	• Replanting of disturbed areas with native plant species.	
4	The project will utilize one or more of the following water conservation strategies:	
	a) Incorporates sustainable water pricing practices and rate structures.	10
	b) Completion of EPA's Water Quality Scorecard (see http://www.epa.gov/smartgrowth/water_scorecard.htm).	5
Circle the point value(s) that apply to the project and enter the total points claimed here (maximum bonus credit 50 points). If none of the above criteria apply, enter zero.		

G. Reporting Criteria (Maximum point reduction: 30)

	Ranking Criteria	Point Reduction
1	The system was cited during the last twelve months for late submittal of Monthly Operating Reports (MOR) or Consumer Confidence Reports (CCR), or was cited for a monitoring/reporting violation.	-10
2	The system was sent a Drinking Water Needs Survey and/or a Clean Watershed Needs Survey in the last four years and failed to return a completed survey.	-20
Circle the point value(s) that apply to the applicant and enter the total points here.		

H. Affordability Criteria (Maximum: 60 points)

	Ranking Criteria	Point Value
Divide the Average Annual Household Water Bill by the Median Household Income (from Page 2) and multiply by 100%:		
	2.50% or higher	60
	2.00 – 2.49%	40
	1.50 – 1.99%	20
	Less than 1.50%	0
Circle the point value that applies to the project and enter the total points claimed here.		

I. Infrastructure Improvement Criteria

Ranking Criteria		Point Value
1	Construction of a new water treatment plant	20
2	Level of treatment upgrade to an existing water treatment plant	15
3	Modifications to address disinfection byproduct requirements	25
4	Replacement of water lines due to age, leaks, breaks, or lead or asbestos-cement pipe	10
5	Installation of new water lines, where none existed previously	5
6	Rehabilitation or replacement of a water storage tank	15
7	Installation of a new water storage tank	10
8	New or upgraded pump station (not associated with a tank project)	5
9	Security improvements to a water system	5
10	Emergency power generators	5
11	Construction of a new well	15
12	Rehabilitation/upgrade of an existing well	10
13	Installation of green stormwater infrastructure at a water treatment plant	5
14	Installation of water meters in previously unmetered areas, or replacement of traditional water meters with AMR or smart meters	10
15	Water meter replacement with traditional meters	5
16	Installation or retrofitting water efficient devices such as plumbing fixtures and appliances (toilets, showerheads, urinals)	5
17	Replacement of (potable) landscape irrigation with more efficient landscape irrigation systems	5
18	Recycling and water reuse projects that replace potable sources with non-potable sources (grey water, wastewater effluent)	10
19	Installation or upgrade of SCADA systems	5
Circle the point value(s) that apply to the applicant and enter the total points here.		

J. Project Readiness (30 possible bonus points)

Ranking Criteria	Point Value
Project planning is complete and biddable plans and specifications will be submitted to ADEM within 60 days of this application for examination and/or issuance of a construction permit.	30
Circle the point value that applies to the project and enter the total points claimed here.	

Sum the points from each category below.

Part A: Enforcement and Compliance (50 points maximum)	
Part B: Drinking Water Contaminants (150 points maximum)	
Part C: Water/Energy Efficiency (45 points maximum)	
Part D: Capacity and Pressure (100 points maximum)	
Part E: System Consolidation (50 points maximum)	
Part F: Sustainability (50 bonus points maximum)	
Part G: Reporting (Maximum Reduction of 30)	
Part H: Affordability (60 points maximum)	
Part I: Infrastructure Improvement	
Part J: Project Readiness (30 bonus points maximum)	
TOTAL POINTS CLAIMED:	

This form should be signed by the official who is authorized to execute contracts on behalf of the applicant jurisdiction. **TWO SIGNED COPIES (including attachments)** should be mailed to the address shown on Page 1 of this form.

The following attachments must be included with this form:

1. Preliminary Engineering Report – Required for all infrastructure projects
2. Detailed project narrative with schedules, cost breakdowns, etc – May be substituted for engineering report for all non-infrastructure projects
3. Copies of last three (3) audited financial statements
4. Project maps
5. Supporting documentation for priority points claimed, as required above. Any points claimed that cannot be readily substantiated from the information submitted will not be counted. The Department reserves the right to make the final determination of all points awarded.

The undersigned representative of the applicant certifies that the information in the application and in the attached statements and exhibits is true, correct and complete to the best of the applicant's knowledge, information and belief.

Signature of Authorized Representative	Print or Type Name
Title	Date

Instructions

Do not use this form for Clean Water State Revolving Fund projects. Use Form 340.

The Drinking Water State Revolving Fund is only open to public bodies. This includes any county, state agency, incorporated city or town, public corporation, district, cooperative, association, authority or any instrumentality thereof created by or pursuant to state law and having jurisdiction, power or authority with respect to the transmission, sale, production or delivery of drinking water, including also a combination of two or more of the foregoing.

Unrelated projects should be submitted on separate preapplications, and will be scored independently.

Projects primarily intended to serve future growth are not eligible for DWSRF funding.

Preapplications may be submitted at any time, but it is recommended that they be submitted as soon as possible after the start of the fiscal year (October 1) for maximum available funding.

PAGE 1

Project Name: Enter a short descriptive title for the project. Example: Kashmir Road Elevated Storage Tank Security Project.

Assistance Amount Requested: Enter the total amount of DWSRF assistance sought.

Applicant: Enter the name of the public body that will be the recipient of DWSRF assistance.

County: Enter the county where the work will occur. If the project spans 2 or more counties, enter the names of all counties impacted.

DUNS Number: Enter the Data Universal Numbering System number for the applicant, provided by Dun & Bradstreet.

Contact Person: Enter contact information for the employee or official who is most familiar with the project. This is the person the Department should contact if there are any questions or additional information required.

Consulting Engineer: Enter the contact information for the consulting engineer, if any.

Connections Served by the Project: Enter the number of customer connections that will directly benefit from the project.

Alabama Legislative Districts: Enter the district numbers for all districts impacted by the project.

Current Connections: Enter the total number of customer connections served by the applicant (Do not include connections served by other systems that purchase water from the applicant).

PWSID Number: Enter the PWSID number for the applicant. For consolidation projects, also include the PWSID number for the system that will be eliminated by the project.

DUNS Number: Enter the DUNS number for the applicant. If the applicant does not have a DUNS number, please register at <http://fedgov.dnb.com/webform> and enter the number received.

PAGE 2

1. **Needs Categories:** Break down all project costs according to the needs categories shown. The total must sum 100%.
2. **Project Description:** Provide a brief description of the proposed project (one paragraph or less). For infrastructure projects a copy of the preliminary engineering report must be attached. All other projects must include either a preliminary engineering report or other report that includes information on the project scope, need for the project, any alternatives considered, cost/scheduling information, and project maps.

3. **Cost Outline:** Provide estimated costs for all project components. Give as much detail as possible.
4. **Other Funding:** If funding sources other than the DWSRF will be used to finance any portion of the project costs, provide the name(s), amount(s), and any available commitment dates.
5. **Project Schedule:** Provide an estimated project schedule (for planning purposes, you may assume that the DWSRF funding agreement will be closed in August of the following year). Note that all work must be underway within one year of the funding agreement date, and completed within 3 years.
6. **MHI:** Provide the Median Household Income for the affected community, and the source used (typically, the most recent census). This information will be used as a tie-breaker should one or more projects have identical scores.
7. **Average Water Bill:** Enter the average annual household water bill for residential customers. Do not include industrial, commercial, wholesale, or consecutive customers. If this information is not available, the minimum residential water charge for one year may be used.

PAGE 3

- A. **Enforcement and Compliance Rating Criteria:** For the maximum point value of 50, the system must presently be under a formal enforcement action including a notice of violation, consent order, administrative order, or litigation. The project must return the system to compliance as its primary purpose. For 40 points credit, the applicant must demonstrate that the proposed project will result in compliance and, therefore, avoid formal enforcement by the Department. For 25 points credit, the applicant must demonstrate that the project is necessary to keep the system in compliance. Supporting documentation must be attached to receive credit. All other projects will be awarded zero points.
- B. **Drinking Water Contaminants Criteria**
 1. To receive credit, the purpose of the project must be to eliminate primary MCL violations that are occurring at the time of application.
 2. To receive credit, the purpose of the project must be to eliminate secondary MCL violations that are occurring at the time of application.
 3. If the primary purpose of the project is to extend water service to persons (existing residences) served by documented contaminated wells, credit may be claimed.
- C. **Water/Energy Efficiency Rating**
 1. The unaccounted for water loss must equal the amount shown on the last Sanitary Survey prepared by the ADEM Drinking Water Branch or other study/investigation. Include documentation to receive credit.
 2. Be sure to include a copy of the audit or plan for credit.

PAGE 4

3. The renewable energy project must be owned by the applicant.
4. Provide supporting documentation (manufacturer's literature, energy audits, etc.) in order to receive credit. Simply replacing equipment that is at the end of its useful life, with new equipment of average efficiency, does not qualify.
- D. **Capacity and Pressure Criteria:** Documentation must be provided to receive credit. Note that the maximum point value for this section is 100.
- E. **System Consolidation Criteria**
 1. At least one public water system must be dissolved as a result of the project to claim 100 points. (Note: points may be claimed elsewhere on this form by the applicant for enforcement and violations of the system to be eliminated)
 2. Credit may be claimed if the interconnection provides an additional source to a water system or portion of a water system that is served by only one source.
- F. **Sustainability Criteria:** Use of the techniques and design considerations listed can result in significant bonus points for the project ranking. Note: Credit for completing the EPA Water Quality Scorecard will only be awarded once per community. Subsequent years' applications will receive credit only if the applicant demonstrates improvement in their score.

PAGE 5

G. **Reporting Criteria** (Note that these values are deductions from the total points awarded to the project)

1. If, over the past 12 months from submittal of this preapplication, the system was cited by ADEM for late reports or a monitoring/reporting violation, ten points must be deducted. "Cited" includes issuance of a warning letter, Notice of Violation, consent order, administrative order, or litigation.
2. If the applicant was asked over the past four years to complete a survey for the Drinking Water Needs Survey or the Clean Watershed Needs Survey, and failed to do so, twenty points must be deducted. Example: Two years ago the Cameron Water Works was sent a Drinking Water Needs survey, but did not participate. Twenty points would be deducted from the Cameron Water Works' score.

H. **Affordability Criteria:** Be sure your calculations are based on the average annual household water bill, not the monthly water bill.

PAGE 6

I. **Infrastructure Improvement Criteria:** For each applicable component, add the applicable points to the total. To receive credit, the component must be a significant portion of the project. Example: installation of a new water storage tank with a fence, security light, and connection to an existing SCADA system would receive credit for the tank only (10 points) since the security and SCADA portions of the work are incidental.

J. **Project Readiness:** To receive bonus credit, project planning must be complete and biddable plans and specifications will be submitted to ADEM within 60 days of submittal of this application.

PAGE 7

Enter the points claimed from A. through J. Be sure to note the limits on points from each category. Sum the points and enter the total as shown.

Note: The final point determination is made by the Alabama Department of Environmental Management. Any points claimed that cannot be satisfactorily justified will be deducted from the total.

Be sure to submit two (2) complete, signed copies with all attachments.

This form must be signed by an official of the public body that is authorized to sign funding applications.



State of Alabama
Alabama Department of Environmental Management
Drinking Water State Revolving Fund (DWSRF) Loan Program

SRF Section
Permits and Services Division
Alabama Department of Environmental Management
Post Office Box 301463
Montgomery, Alabama 36130-1463

(334) 271-7714
srf@adem.alabama.gov

DWSRF Intended Use Plan Errata



Fiscal Year 2020

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ATTACHMENT 1 – PROJECT PRIORITY

I. Introduction

The Safe Drinking Water Act (SDWA) Amendments of 1996 authorized a Drinking Water State Revolving Fund (DWSRF) for the purpose of assisting public water systems to finance the cost of potable water infrastructure. The U.S. Environmental Protection Agency (EPA) is authorized to award capitalization grants to the States, which in turn administer the DWSRF program. The Intended Use Plan (IUP) describes how the State intends to use available DWSRF program funds for the year to meet the objectives of the SDWA and further the goal of protecting public health. This IUP errata describes changes to the projects associated with the 2019 “Additional Supplemental Appropriations for Disaster Relief Act (ASADRA)”. The FY2020 DWSRF IUP is incorporated by reference. Only the items which have been changed from the FY 2020 IUP are addressed within the sections below.

The State of Alabama is applying for \$ 23,736,000 in EPA grant funding that will be used to provide low interest financial assistance from the DWSRF program. The 20% state match requirement for the projected grant is \$4,747,200 will be fulfilled by the overmatch of State Match Bonds. Additionally, in 2019 the State of Alabama was included in the “Additional Supplemental Appropriations for Disaster Relief Act (ASADRA)” To aid the City of Ashford and the City of Mobile in providing resiliency for their drinking water system, the State of Alabama is applying for an ASADRA grant for \$847,000. The 20% state match requirement (\$169,400) for the ASADRA grant will be fulfilled by the overmatch of State Match Bonds.

II. Program Goals

A. Short-term goals

1. To provide ASADRA financial assistance to the City of Ashford and the City of Mobile including additional subsidization in the form of principal forgiveness for not less than \$237,000 to the City of Ashford for system resiliency.

III. Sources and Uses of Funds:

The Department is expected to fund FY 2020 projects using a combination of interest earnings on the Fund, repayments from direct loans, and the 2020 EPA Capitalization Grant. Match for the EPA Grant will be fulfilled by overmatch of State Match Bonds issued in previous years' and a contribution from ADEM State Enforcement Action. The estimated sources and uses of funds in the FY 2020 DWSRF program are as follows:

Projected Sources:

2020 EPA DWSRF Cap Grant:	\$23,736,000
DWSRF State Match:	\$4,747,200
ASADRA Grant	\$847,000
ASADRA Grant Match	\$169,400
Direct Loan Repayments, Interest Earnings and Unobligated Funds:	\$78,151,440
Total:	\$107,651,040

Projected Uses:

Project Assistance:	\$105,576,600
10% State Program Management:	\$1,100,000
15% Local Assistance:	\$25,000
Funds Reserved for Administrative Cost (4%):	\$949,440
	<u>\$107,651,040</u>

VII: Estimated DWSRF Capitalization Grant Schedules

Estimated Grant Draw Schedule

Fiscal year	Month	Draw
2021	Oct	\$2,048,583.33
2021	Nov	\$2,048,583.33
2021	Dec	\$2,048,583.33
2021	Jan	\$2,048,583.33
2021	Feb	\$2,048,583.33
2021	Mar	\$2,048,583.33
2021	Apr	\$2,048,583.33
2021	May	\$2,048,583.33
2021	Jun	\$2,048,583.33
2021	Jul	\$2,048,583.33
2021	Aug	\$2,048,583.33
2021	Sep	\$2,048,583.33
	Total	\$24,583,000

Estimated Grant Draw Schedule

Fiscal year	Month	Payment
2021	Oct	\$2,048,583.33
2021	Nov	\$2,048,583.33
2021	Dec	\$2,048,583.33
2021	Jan	\$2,048,583.33
2021	Feb	\$2,048,583.33
2021	Mar	\$2,048,583.33
2021	Apr	\$2,048,583.33
2021	May	\$2,048,583.33
2021	Jun	\$2,048,583.33
2021	Jul	\$2,048,583.33
2021	Aug	\$2,048,583.33
2021	Sep	\$2,048,583.33
	Total	\$24,583,000

Attachment 1 - Project Priority List

County Served	Applicant Name	Population Served	Priority Point Rank	Assistance Amount	Subsidization Amount (Principal Forgiveness)	Estimated Construction Start Date
Cherokee	Centre, Water Works and Sewer Board of the Town of	9,600	Supplemental	\$800,000		
Tallapoosa	Jacksons' Gap Water Authority	6,510	Supplemental	\$50,000		
Shelby	Alabaster Water Board	12,200	Supplemental	\$6,000,000		
Cullman	Cullman, Utilities Board of The City of	63,000	Supplemental	\$6,000,000		
Blount	Oneonta, Utilities Board of the City of	19884	275	\$6,500,000		10/1/2020
Talladega	Talladega, City of	19,260	240	\$10,250,000	\$500,000	10/1/2020
Lauderdale	Florence, City of	77,754	205	\$15,000,000		10/1/2020
Walker	Dora, Waterworks and Gas Board of	4,140	190	\$2,223,000	\$500,000	7/15/2020
Walker	Parrish Waterworks & Sewer Board	5,718	170	\$1,068,000	\$500,000	9/15/2020
Morgan	Hartselle Utilities	21,057	165	\$1,900,000		8/1/2020
Crenshaw	South Crenshaw County Water Authority	5,775	145	\$1,458,000	\$500,000	10/1/2020
Baldwin	Daphne, Utilities Board of the City of	25,960	135	\$5,200,000		11/1/2020
Russell	Phenix City Utilities Department	36,219	130	\$3,521,000		10/31/2020
Coosa	Goodwater, City of	1,330	110	\$380,000	\$190,000	6/1/2021
Tallapoosa	Walnut Hill Water Authority	12,069	105	\$450,000	\$225,000	8/1/2020
Mobile	*Mobile Board of Water & Sewer Comissioners (MAWSS) Master Plan	259,224	90	\$12,850,000		10/1/2019
Tuscaloosa	Citizen's Water Service, Inc.	11,517	85	\$2,202,000		1/1/2021
Madison	Huntsville Utilities	194,585	80	\$10,600,000		7/6/2020
Crenshaw	Luverne, City of	4,125	80	\$546,000		10/1/2020
Lawrence	Moulton, City of	9,165	75	\$1,000,000	\$500,000	4/1/2021
Randolph	Woodland, Town of	1,416	75	\$552,000		4/1/2021
Marion	Hackleburg Water and Sewer Board	1,467	70	\$998,000	\$499,000	4/1/2021
Baldwin	East Central Baldwin Couty Water, Sewer, and Fire Protection Authority	5,505	60	\$680,000	\$223,200	4/1/2021

Dale	Pinckard, Town of	1,500	60	\$362,000		7/1/2020
Blount	Cleveland, Town of	2,320	55	\$370,000	\$185,000	6/1/2021
Geneva	Malvern, Town of	1,650	55	\$220,000		11/1/2020
Colbert	Sheffield Utilities	13,200	50	\$850,000	\$425,000	10/1/2020
Houston	*Ashford, City of	3,693	50	\$474,000	\$237,000	7/1/2020
Bibb	Greenpond Water System, Inc.	8,595	40	\$3,321,000		10/1/2020
Baldwin	Summerdale, Town of	1,379	35	\$579,000		3/1/2020
Lawrence	West Lawrence Water Authority	14,958	30	\$1,000,000	\$500,000	4/1/2021
Hale	Moundville, City of	4,653	20	\$2,385,000		11/15/2020
Shelby	Pelham, City of	35,115	10	\$5,340,000		8/1/2021

*City of Ashford (\$474,000) and a portion of the City of Mobile (\$373,000) project funded through the Additional Supplemental Appropriations for Disaster Relief Act, 2019.

DWSRF Totals	\$104,282,000	\$4,747,200
ASADRA Totals	\$847,000	\$237,000

Exhibit 7 - FY2020 Grant Workplan

State Program Management Public Water Supply Supervision Workplan

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
1	Ensure compliance with Primary Drinking Water Regulations Implementation	40 CFR 141 40 CFR 142 EPA Strategic Plan References: 2.1.1, SP-1 and SP-2			Mutually funded with both DWSRF set-aside and PWSS grant funds
2	Revise current primacy programs to adopt newly promulgated Federal Drinking Water rules and regulations to implement the Safe Drinking Water Act and the amendments of 1996. Follow requirements for submitting a primacy application (EPA State Program Manager to ensure that the State is on track with the implementation of, and compliance with, these requirements)	142.12 EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	Revise and/or adopt regulations in accordance with SDWA. Submit a primacy application for EPA review approval.	Within two years of rule promulgation effective date or by compliance date specified in rule, OR submit a two- year extension request.	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
3	Maintain a systematic sanitary survey program and follow up on any discrepancies discovered during sanitary surveys as required by regulation.	Regional Priority 141.21(d) & 142.16(b)(3) 142.16(o) EPA Strategic Plan References: 2.1.1, SDW-01a	Conduct sanitary surveys - based on the cycle for water system size, source water, and type.	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
4	Ensure all Laboratories used by Public Water Systems are approved or certified to conduct sample analysis for regulated and unregulated contaminants	141.28 EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
5	Maintain a State program for the certification of Labs in accordance with EPA Lab Certification requirements	142.10 EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
6	Maintain a water system design and construction plan and specification review program	142.10(b)(5) EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
7	Ensure newly permitted public water systems have design/construction capable of compliance with present and future SDWA regulations.	Program Priorities Guidance EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
8	Maintain records for all rules/policies; enforce reporting and record keeping as required.	141 Subpart D & 142 Subpart B EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
9	Ensure analytical methods are being applied to demonstrate compliance with the regulations	141 Subpart C EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
10	Provide a summary of the status of each Effective Variance and Exemption to EPA Provide a summary of New Variance or Exemption to EPA	142.15(b)(2) 142.15(a)(3) EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State responsible for ensuring compliance	Annually – November 15 Quarterly January 15, May 15, August 15, November 15	Mutually funded with both DWSRF set-aside and PWSS grant funds
11	Report the State's PWSS inventory at least annually to SDWIS/FED, according to the Revised SDWIS/FED Inventory Reporting Requirements for SDWIS/FED. The inventory will be used to calculate the next fiscal year's grant allotment and will be frozen as of January 1 st annually.	141 and 142 EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	State to update from ADEM SDWIS/STATE & upload via CDX to SDWIS/FED	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds
12	Establish and follow quality assurance procedures to ensure that data entered into SDWIS/FED is of the highest reliability and maximum value to the public. Work with EPA Region 4 staff on trouble shooting errors.	EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	Ongoing	Ongoing	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
13	Participate in Priority Reviews, attend the State Directors Meetings as scheduled, the Data Management Users Conference, ASDWA meetings, Area Wide Optimization meetings and training, new rules and/or program training and other meetings as needed.	EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	Attend meetings to stay current with PWSS program priorities and revisions		Mutually funded with both DWSRF set-aside and PWSS grant funds
14	Develop and implement a Capacity Development strategy to assist public water systems in acquiring and maintaining technical, managerial, and financial capacity. Submit a report to EPA on implementation of the Capacity Development Strategy. Submit the triennial Capacity Development Report to the Governor.	SDWA §1420 (c) EPA Strategic Plan References: 2.1.1, SP-1 and SP-2	Develop CD Strategy Annual Report to EPA Triennial Report to the Governor.	90 days after end of reporting period September 30, 2020	Mutually funded with both DWSRF set-aside and PWSS grant funds
15	Assist EPA with UCMR	141 Subpart E EPA Strategic Plan References: 2.1.1, optional participation	If applicable, complete voluntary commitments specified in Partnership Agreement.	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
16	<p>Operator Certification Program Submit</p> <p>Perform an Internal Program Review</p> <p>Perform an External Program Review</p>	<p>F.R. Vol. 64, Number 24</p> <p>EPA Strategic Plan References: 2.1.1, SP-1, SP-2</p>	<p>Submit appropriate information as requested under this program</p>	<p>Annually – May 1</p> <p>Once every 3 years</p> <p>Once every 5 years</p>	<p>Mutually funded with both DWSRF set-aside and PWSS grant funds</p>
17	<p>Quality Assurance: Quality Management Plan (QMP) The State commits to maintaining an up-to-date and approved Quality Management Plan (QMP). The State shall review its QMP at least annually to reconfirm its suitability and effectiveness. When significant changes occur the State shall revise and resubmit the QMP to EPA for review and approval.</p>	<p>EPA Order 5360.1 A2 & <i>EPA Requirement for QMPs</i>, EPA QA/R-2.</p> <p>No measure associated with this activity</p>	<p>Reconfirm Suitability of existing QMP. Update QMP if “significant changes” occur. Resubmit QMP as needed to prevent expiration.</p>	<p>As needed, allowing sufficient time for review and acceptance (e.g. prior to expiration of existing QMP).</p>	<p>Mutually funded with both DWSRF set-aside and PWSS grant funds</p>
18	<p>The State commits to maintaining an up-to-date and approved Quality Assurance Project Plan.</p>	<p>EPA Order 5360.1 A1 40 CFR §31.45</p> <p>No measure associated with this activity</p>	<p>Annual QA certification letter</p>	<p>Annually – October 1 (by grant approval date)</p>	<p>Mutually funded with both DWSRF set-aside and PWSS grant funds</p>

Task No.	Public Water Supply Supervision (PWSS) Workplan Task Description	Basis for PWSS Workplan Task	Commitments (Outputs & Outcomes)	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
19	The State commits to maintaining up-to-date documentation that demonstrates their competency to generate and use environmental data.	Agency Policy Directive #FEM-2012-02 No measure associated with this activity.	Competency Demonstration documentation package.	Annually – October 1 (by grant approval date)	Mutually funded with both DWSRF set-aside and PWSS grant funds
20	The State will strive to provide its surface water assessment program a list of public water systems (including location) that monitor ambient/raw water so that the monitoring data may be considered in assessing water quality and determining impairment.	EPA National Program Guidance Coordinates with CWA 106 Workplan Task A-2	Protection of Public Health	Annually - September 30.	Mutually funded with both DWSRF set-aside and PWSS grant funds

State Program Management
Public Water Supply Supervision Enforcement Workplan

Task No.	Enforcement Workplan Task Description	Basis for PWSS Workplan Task	Commitments - Outputs & Outcomes	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
1	Report State violations and enforcement actions at least quarterly to SDWIS/FED, but no later than 45 days following the end of the quarter.	40 C.F.R. Parts 141 and 142 EPA Guidance “Consolidated Summary of Reporting Requirements for SDWIS/FED EPA Strategic Plan References: 2.1.1, SP1, SP2 5.1.3 SWD 02	Outputs: Uploads of violations and enforcement actions in SDWIS/FED Outcomes: Safe drinking water	Quarterly February 15 th , May 15 th , August 15 th , & November 15 th	Mutually funded with both DWSRF set-aside and PWSS grant funds
2	Provide required information when referring enforcement cases to EPA. See Attachment - Section 1	SDWA 1414(b)(2) EPA Strategic Plan Reference: 5.1.3 SWD 02	Outputs: Appropriate and required information Outcomes: Safe drinking water	As needed	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Enforcement Workplan Task Description	Basis for PWSS Workplan Task	Commitments - Outputs & Outcomes	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
3	Address with a formal enforcement action or return to compliance the number of priority systems equal to the number of PWS's that have a score of 11 or higher on the July ETT report.	National Priority ACS Commitment EPA Strategic Plan Reference: 5.1.3 SDW-02	Outputs: Enforcement actions/activities (e.g., notices of violation, administrative orders, etc.) Outcomes: Safe drinking water.	Within two quarters for those systems being identified as priorities	Mutually funded with both DWSRF set-aside and PWSS grant funds
4	Take immediate action to address 100% of health based and major monitoring/reporting violations for acute contaminants for PWSs with an ETT score of ≥ 11 .	National Priority Regional Priority EPA Strategic Plan Reference: 5.1.3 SWD 02	Outputs: Enforcement actions/activities (e.g., notices of violation, administrative orders, etc.) Outcomes: Safe drinking water	Within two quarters of those systems being identified as priorities	Mutually funded with both DWSRF set-aside and PWSS grant funds

Task No.	Enforcement Workplan Task Description	Basis for PWSS Workplan Task	Commitments - Outputs & Outcomes	Date Due	Funding Implementation (DWSRF Set-aside/PWSS Grant)
5	Address PWSs with an ETT score of < 11 on an ongoing/rolling basis.	National Priority Regional Priority EPA Strategic Plan Reference: 5.1.3 SWD 02	Outputs: Enforcement actions/activities (e.g., notices of violation, administrative orders, etc.) Outcomes: Safe drinking water	As appropriate	Mutually funded with both DWSRF set-aside and PWSS grant funds
6	The State will escalate its response to violations in accordance with its enforcement management system to ensure return to compliance.	National Priority Regional Priority EPA Strategic Plan Reference: 5.1.3 SWD 02	Outputs: Enforcement actions/activities (e.g., administrative orders, referrals to EPA, etc.) Outcomes: Safe drinking water	As appropriate	Mutually funded with both DWSRF set-aside and PWSS grant funds
7	Provide a quarterly written response to EPA regarding the status of PWSs identified as priorities by the Enforcement Response Policy's Enforcement Targeting Tool (ETT).	National Priority Regional Priority EPA Strategic Plan Reference: 5.1.3 SWD 02	Outputs: Status report Outcomes: Safe drinking water	Quarterly; within 30 days of State's receipt of list from EPA	Mutually funded with both DWSRF set-aside and PWSS grant funds

ATTACHMENT – ENFORCEMENT SECTION 1

SECTION 1: Referring Enforcement Cases to EPA – please provide the following information: 1414 (b)(2)

Public Water System Name and Identification Number

Public Water System Owner/Operator Name

Ownership Information – The State will submit available evidence/documentation on ownership and whether ownership has ever been contested or even raised as an issue at the State level.

Public Water System Current Address

Public Water System Telephone Number

Public Water System Population and Type of System

Number of Service Connections

Actual Count

Factoring Method

Evidence of Violations – At the time of referral, the State shall submit to EPA the entire file (or a copy of that file) that is pertinent to the case. EPA will work with the State to achieve the most efficient method for securing a copy of the file. Before and enforcement action is issued, EPA needs to ensure that there is evidence in the Region 4 office to support every violation listed – either hard copy evidence or a tabular summary from the State of its violation information.

Copies of all State enforcement actions

Date Case Referred by State Drinking Water Program (complete package with letter of referral by the State)

Date of most recent Sanitary Survey (please provide a copy to EPA)

Review and Assessment of Alabama's OC Program for Water and Wastewater

Scope of Work

Goals:

1. Assess the adequacy of our Draft Revised OC Regulation
2. Assess Status of our current Training Needs and Future Training Needs
3. Assess Current Status of our current OC Program with an Outlook to the future
4. Provide recommendations for improving our training and overall OC Program with alternatives for achieving potential incremental improvements to both

Project Stages

1. Evaluation of current program status & proposed Changes to ADEM's OC regulation
2. Review recent EPA Guidelines & Critiques
3. Comparison of Other State Programs: Present Overview of an exemplary state OC Program
4. Identify Current Staff roles and needs for the future
5. Review licensing information: regulations, number of water and wastewater operators, pass rate, violations
6. Identify Operator Training Needs - Plants, potential participants and possible training facilities
7. Destination analysis: outline path and milestones for possible program development in 3, 5 and 10 yrs
8. Quality Training control procedures: course assessments
9. Next steps

Approach

1. Interview state personnel: Jim, Russell, Eric, Brian...maybe PWS/NPDES. Also Wendy Waldrep (Water Girl), David Moore (Muscle Shoals), Doug Smedley (Calera) as reps for training
2. Focus group sessions (2-3) with state personnel: Jim, Eric, & Brian
3. Meet with various operators and plant supervisors at their work place (BWVB, MWWSSB, Huntsville Utilities)
4. Focus group sessions with operators and supervisors: invite people with different license levels and from different regions; may need to schedule 2-3 sessions to reach representative audience
5. Meet trainers: Train the Trainer Committee and/or Subgroup
6. Evaluate interest in outreach by university (ACCS, AU, UA, JSU/Calhoun Comm College)

Reports

1. Quarterly progress reports to state administrators; Jim, Brian, Russell
2. Final report: Current Status, Recommendations to address current needs, Recommendations to address future needs

Derivation of Cost

1. 7 trips over 12-months/yr: Includes six Routine trips: Sunday (arrive)-Wed (depart). Two of the trips will be Special Sunday-Thursdays to account for longer work in and travel to Montgomery or Alabama areas.

2. Mileage...current IRS/GSA rate is \$0.58/mile (up to 400 mile one-way travel to Montgomery AL)
3. Roundtrip Flights to Montgomery...Cost range from about \$300-600
4. Hotels...allow \$125/night; reimbursement based on receipts
5. Meals...allow \$50/day; $\frac{3}{4}$ that cost for partial day
6. Consulting fee...\$2,000/day; no cost when traveling to and from AL; cost prorated for partial days
7. Year-long study

Based on the above factors, the project cost would be approximately \$78,000.

Statement of Qualifications

The successful candidate will meet all of the following minimum qualifications:

- Professional Engineer or Certified Grade IV Water and Wastewater Operator with 20+ years of experience
- Professor of Civil and/or Environmental Engineering at a major University
- 20+ years of experience with Training Certified Water and Wastewater Operators
- Other national recognition in Operator Certification Training
- Other state recognition in Civil and/or Environmental Engineering

Reidy, Eric J

From: Water Festival Grant Applications
Sent: Tuesday, October 20, 2020 11:19 AM
To: Water Festival Grant Applications
Cc: Reidy, Eric J
Subject: Fiscal year 2021 Water Festival Applications

Good Morning,

The Alabama Department Environmental Management is offering funding assistance to Groundwater Festival Programs. Funds are available as small grants of up to \$1,000 to eligible entities and may be used subsidize the expenses incurred in implementing one Groundwater Festival for elementary and middle school students. These expenses include educational materials, T-shirts, and bus transportation. Educational materials may include such items as supplies for building aquifers, wetlands, watersheds, filtration systems, and for demonstrating the water cycle.

Application Deadlines

Fall: October 15th

Spring: March 15th

To apply for the grant, please complete the online form at:

<https://forms.office.com/Pages/ResponsePage.aspx?id=SFw87IIx80yOrdLevG1ibiUOmpAxHBEtcIR4ev5ELtUOFFURTNYQk4yMIBUR0tVMzNFUTA0RFJZSS4u>.

Once an application is received and eligibility is verified, a grant document will be generated by the Department and provided to the applicant contact. The signed grant document should then be returned to the Department. If you have questions concerning eligibility, please contact Eric Reidy by email at eric.reidy@adem.alabama.gov or by phone at (334) 271-7805.

If you would like your email address removed from this distribution list, please send your request to waterfestival@adem.alabama.gov.

Permits and Services Division
Alabama Department of Environmental Management



FY20 Income Statement

Alabama Drinking Water Finance Authority

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
Operating Revenue			
	<i>Investment Earnings</i>		
2012A Refunding(9)	Debt Service Reserve Fund Additiona	157079004	-419.81
2012A Refunding(9)	Loan Repayment Fund	157079000	-0.76
2012A Refunding(9)	Project Fund BPA	157079009	-123.61
2012A Refunding(9)	Debt Service Reserve Fund Bond Pro	157079003	-99,190.74
2013 A Refunding (	Debt Service Reserve Fund Bond Pro	160284	-28,991.12
2013 A Refunding (	Debt Service Reserve Fund Additiona	160285	-6,805.34
2013 A Refunding (	Operating Fund	132602	-245.34
2015 A Refunding (	Debt Service Reserve Fund Additiona	506897	-9,665.04
DW D L & ADEM &	Loan Repayment Fund	132577	-7,324.75
DW D L & ADEM &	USBank Direct Loans	5176896901	-23.45
DW D L & ADEM &	Invested funds	322353	-90,157.20
DW D L & ADEM &	Invested funds	322353	-1,971,150.00
DW D L & ADEM &	BONY Direct Loans	132590	-43,253.52
Total	<i>Investment Earnings</i>		-2,257,350.68
	<i>Market Value adjustment</i>		
DW D L & ADEM &	Invested funds	322353	-321,865.40
Total	<i>Market Value adjustment</i>		-321,865.40
	<i>Loan Premium accretion</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-501,047.58
Total	<i>Loan Premium accretion</i>		-501,047.58
	<i>Loan Interest income</i>		
2013 A Refunding (	Loan Repayment Fund	160290	-108,640.00
2015 A Refunding (	Loan Repayment Fund	506894	-244,920.00
DW D L & ADEM &	Loan Repayment Fund	132577	-4,313,565.45
DW D L & ADEM &	USBank Direct Loans	5176896901	-192,558.75
Total	<i>Loan Interest income</i>		-4,859,684.20
	<i>Accrued Loan Interest Income</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-960,573.63
Total	<i>Accrued Loan Interest Income</i>		-960,573.63
	<i>Accrued Prior Interest receivable investments</i>		
2012A Refunding(9)	Loan Repayment Fund	157079000	-248,925.00
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	348,712.50
Total	<i>Accrued Prior Interest receivable investme</i>		99,787.50
	<i>Accrued Prior interest receivable loans</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	643,988.73
Total	<i>Accrued Prior interest receivable loans</i>		643,988.73

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
<i>Accrued Investment Income</i>			
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-70,556.25
Total	<i>Accrued Investment Income</i>		-70,556.25
<i>Bond premium accretion</i>			
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-295,692.92
Total	<i>Bond premium accretion</i>		-295,692.92
Total	Operating Revenue		-8,522,994.43
Operating Expense			
<i>Bond Interest expense</i>			
2012A Refunding(9	Debt Service Reserve Fund Bond Pro	157079003	99,190.74
2012A Refunding(9	Debt Service Reserve Fund Additiona	157079004	13,296.70
2012A Refunding(9	Loan Repayment Fund	157079000	177,665.06
2013 A Refunding (	Debt Service Reserve Fund Bond Pro	160284	28,991.12
2013 A Refunding (	Debt Service Reserve Fund Additiona	160285	83,699.44
2013 A Refunding (	Loan Repayment Fund	160290	127,678.20
2015 A Refunding (	Debt Service Interest Act	506895	82.22
2015 A Refunding (	Debt Service Reserve Fund Additiona	506897	168,646.94
2015 A Refunding (	Loan Repayment Fund	506894	305,483.34
Total	<i>Bond Interest expense</i>		1,004,733.76
<i>Accrued Bond Interest expense</i>			
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	103,935.47
Total	<i>Accrued Bond Interest expense</i>		103,935.47
<i>Bond Issue Cost amortization</i>			
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	188,774.40
Total	<i>Bond Issue Cost amortization</i>		188,774.40
<i>Administrative expense</i>			
2012A Refunding(9	Loan Repayment Fund	157079000	2,754.98
2013 A Refunding (	Loan Repayment Fund	160290	1,697.48
2015 A Refunding (	Loan Repayment Fund	506894	3,140.00
DW D L & ADEM &	USBank Direct Loans	5176896901	6,830.94
DW D L & ADEM &	BONY Direct Loans	132590	297,948.95
DW D L & ADEM &	Loan Repayment Fund	132577	43,946.24
Total	<i>Administrative expense</i>		356,318.59
<i>Accrued Prior Year Bond Interest expense</i>			
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-125,591.72
Total	<i>Accrued Prior Year Bond Interest expense</i>		-125,591.72
Total	Operating Expense		1,528,170.50
Non Operating Revenue			
<i>Prior grant revenue receivable</i>			
DW D L & ADEM &	BONY Direct Loans	132590	88,176.77
Total	<i>Prior grant revenue receivable</i>		88,176.77

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
<i>Grant Revenue</i>			
DW D L & ADEM &	ADEM DW Master	101	-24,603,490.67
Total	<i>Grant Revenue</i>		-24,603,490.67
<i>State Revenue</i>			
DW D L & ADEM &	ADEM DW Master	101	-2,000,000.00
Total	<i>State Revenue</i>		-2,000,000.00
<i>Accrued Grant Revenue</i>			
DW D L & ADEM &	BONY Direct Loans	132590	-92,948.95
Total	<i>Accrued Grant Revenue</i>		-92,948.95
Total	Non Operating Revenue		-26,608,262.85

Transfers

<i>Transfer to Master (Treasurer)</i>			
2012A Refunding(9	Loan Repayment Fund	157079000	2,186.26
2013 A Refunding (	Loan Repayment Fund	160290	36.80
2015 A Refunding (	Loan Repayment Fund	506894	236.66
DW D L & ADEM &	BONY Direct Loans	132590	-41,448,903.57
DW D L & ADEM &	USBank Direct Loans	5176896901	2,232,677.50
DW D L & ADEM &	ADEM DW Master	101	41,448,903.57
DW D L & ADEM &	ADEM DW Master	101	-2,232,677.50
DW D L & ADEM &	Loan Repayment Fund	132577	12,610,275.68
DW D L & ADEM &	ADEM DW Master	101	-12,610,549.14
DW D L & ADEM &	ADEM DW Master	101	-2,186.26
Total	<i>Transfer to Master (Treasurer)</i>		0.00
<i>Transfer to (from) other account</i>			
2012A Refunding(9	Loan Repayment Fund	157079000	-3,214.77
2012A Refunding(9	Loan Repayment Fund	157079000	-73,203.99
2012A Refunding(9	Project Fund BPA	157079009	73,203.99
2015 A Refunding (	Debt Service Reserve Fund Additiona	506897	-81.90
2015 A Refunding (	Debt Service Interest Act	506895	81.90
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	2,758,668.65
DW D L & ADEM &	BONY Direct Loans	132590	-1,618,280.74
DW D L & ADEM &	BONY Direct Loans	132590	60,455,791.35
DW D L & ADEM &	USBank Direct Loans	5176896901	3,214.77
DW D L & ADEM &	BONY Direct Loans	132590	-31,500,000.00
DW D L & ADEM &	BONY Direct Loans	132590	-4,319,460.00
DW D L & ADEM &	Loan Repayment Fund	132577	1,618,280.74
DW D L & ADEM &	Invested funds	322353	31,500,000.00
DW D L & ADEM &	BONY Direct Loans	132590	-2,195,353.32
DW D L & ADEM &	Loan Repayment Fund	132577	2,195,353.32
DW D L & ADEM &	Loan Repayment Fund	132577	-2,758,668.65
DW D L & ADEM &	Loan Repayment Fund	132577	4,319,460.00
DW D L & ADEM &	Loan Repayment Fund	132577	-60,455,791.35
Total	<i>Transfer to (from) other account</i>		0.00

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
<i>Transfer Admin Fee</i>			
2012A Refunding(9	Loan Repayment Fund	157079000	71,270.03
2013 A Refunding (	Loan Repayment Fund	160290	49,227.52
2015 A Refunding (	Loan Repayment Fund	506894	91,060.00
DW D L & ADEM &	USBank Direct Loans	5176896901	33,050.32
DW D L & ADEM &	Loan Repayment Fund	132577	1,711,062.88
Total	<i>Transfer Admin Fee</i>		1,955,670.75
Total	Transfers		1,955,670.75
Net Assets			
<i>Beginning Net Assets</i>			
2012A Refunding(9	Debt Service Interest Act	157079001	-0.52
2012A Refunding(9	Debt Service Reserve Fund Bond Pro	157079003	-4,521,000.00
2012A Refunding(9	Project Fund BPA	157079009	-73,084.21
2012A Refunding(9	Debt Service Reserve Fund Additiona	157079004	-25,561.89
2012A Refunding(9	Loan Repayment Fund	157079000	4,696,397.49
2013 A Refunding (	Operating Fund	132602	-2,530.35
2013 A Refunding (	Debt Service Interest Act	160282	-14,616.87
2013 A Refunding (	Debt Service Reserve Fund Bond Pro	160284	-1,003,500.00
2013 A Refunding (	Debt Service Reserve Fund Additiona	160285	-317,806.07
2013 A Refunding (	Loan Repayment Fund	160290	730,000.00
2015 A Refunding (	Debt Service Reserve Fund Additiona	506897	-689,750.00
2015 A Refunding (	Loan Repayment Fund	506894	-645,000.00
2015 A Refunding (	Debt Service Interest Act	506895	-3,290.00
DW D L & ADEM &	USBank Direct Loans	5176896901	-5,736,567.58
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	2,884,868.25
DW D L & ADEM &	BONY Direct Loans	132590	65,675,377.26
DW D L & ADEM &	Loan Repayment Fund	132577	-213,345,761.41
DW D L & ADEM &	Invested funds	322353	-133,027,666.96
Total	<i>Beginning Net Assets</i>		-285,419,492.86
Total	Net Assets		-285,419,492.86
Net Assets			-317,066,908.89

FY20 Balance Sheet

Alabama Drinking Water Finance Authority

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
Current Assets			
	<i>Cash and Cash Equivalents</i>		
DW D L & ADEM &	BONY Direct Loans	132590	10,172,354.04
2015 A Refunding (	Debt Service Interest Act	506895	3,125.88
2013 A Refunding (	Debt Service Interest Act	160282	14,616.87
2012A Refunding(9	Debt Service Interest Act	157079001	0.52
2013 A Refunding (	Debt Service Reserve Fund Additional	160285	3,646.97
DW D L & ADEM &	Invested funds	322353	20,812,179.56
DW D L & ADEM &	Loan Repayment Fund	132577	77,495.25
2012A Refunding(9	Loan Repayment Fund	157079000	70.70
2013 A Refunding (	Operating Fund	132602	2,775.69
2012A Refunding(9	Project Fund BPA	157079009	3.83
DW D L & ADEM &	USBank Direct Loans	5176896901	2,177.13
Total	<i>Cash and Cash Equivalents</i>		31,088,446.44
	<i>Accrued Interest Receivable on Investments</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	70,556.25
Total	<i>Accrued Interest Receivable on Investments</i>		70,556.25
	<i>Accrued Interest Receivable on Loans</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	960,573.63
Total	<i>Accrued Interest Receivable on Loans</i>		960,573.63
	<i>Loans Receivable current</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	18,155,000.00
Total	<i>Loans Receivable current</i>		18,155,000.00
	<i>Principal Forgiveness EPA</i>		
DW D L & ADEM &	BONY Direct Loans	132590	5,127,912.00
DW D L & ADEM &	BONY Direct Loans	132590	4,319,460.00
Total	<i>Principal Forgiveness EPA</i>		9,447,372.00
	<i>Grant revenue receivable</i>		
DW D L & ADEM &	BONY Direct Loans	132590	92,948.95
Total	<i>Grant revenue receivable</i>		92,948.95
	<i>TVA Grant</i>		
DW D L & ADEM &	BONY Direct Loans	132590	299,999.77
Total	<i>TVA Grant</i>		299,999.77
Total	Current Assets		60,114,897.04
Other Assets			
	<i>U S Treasury Slugs</i>		
2012A Refunding(9	Debt Service Reserve Fund Additional	157079004	12,685.00
2015 A Refunding (	Debt Service Reserve Fund Additional	506897	530,850.00
2013 A Refunding (	Debt Service Reserve Fund Additional	160285	237,265.00
2012A Refunding(9	Debt Service Reserve Fund Bond Pro	157079003	4,521,000.00
2013 A Refunding (	Debt Service Reserve Fund Bond Pro	160284	1,003,500.00

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
Total	<i>U S Treasury Slugs</i>		6,305,300.00
	<i>U S Treasury Bonds</i>		
DW D L & ADEM &	Invested funds	322353	83,098,660.00
Total	<i>U S Treasury Bonds</i>		83,098,660.00
	<i>Loans Receivable</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-18,155,000.00
DW D L & ADEM &	Loan Repayment Fund	132577	58,895,000.00
2013 A Refunding (	Loan Repayment Fund	160290	5,700,000.00
2012A Refunding(9	Loan Repayment Fund	157079000	6,410,000.00
2015 A Refunding (	Loan Repayment Fund	506894	11,105,000.00
DW D L & ADEM &	Loan Repayment Fund	132577	211,130,000.00
DW D L & ADEM &	Loan Repayment Fund	132577	-11,670,000.00
DW D L & ADEM &	USBank Direct Loans	5176896901	3,655,000.00
Total	<i>Loans Receivable</i>		267,070,000.00
	<i>Unamortized Loan Premium</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-3,032,671.88
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-2,758,668.65
Total	<i>Unamortized Loan Premium</i>		-5,791,340.53
	<i>Unamortized Deferred Refunding Cost</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	807,901.45
Total	<i>Unamortized Deferred Refunding Cost</i>		807,901.45
Total	Other Assets		351,490,520.92

Current Liability

	<i>Accrued bond interest payable</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-103,935.47
Total	<i>Accrued bond interest payable</i>		-103,935.47
	<i>Bonds Payable current</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-5,775,000.00
Total	<i>Bonds Payable current</i>		-5,775,000.00
	<i>Due to (Various Detailed seperately)</i>		
DW D L & ADEM &	BONY Direct Loans	132590	-182.00
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-60.38
DW D L & ADEM &	Loan Repayment Fund	132577	-49,762.50
DW D L & ADEM &	USBank Direct Loans	5176896901	-3,800.88
Total	<i>Due to (Various Detailed seperately)</i>		-53,805.76
Total	Current Liability		-5,932,741.23

Long Term Liabilities

	<i>Payable to Borrowers</i>		
DW D L & ADEM &	BONY Direct Loans	132590	-65,011,586.99
Total	<i>Payable to Borrowers</i>		-65,011,586.99
	<i>Unamortized premium on bonds payable</i>		
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	-919,180.85
Total	<i>Unamortized premium on bonds payable</i>		-919,180.85
	<i>Bonds Payable</i>		

<i>Description</i>	<i>Account Description</i>	<i>Trustee Account #</i>	<i>amount</i>
DW D L & ADEM &	DW Non cash-accruals and adjustme	102	5,775,000.00
2012A Refunding(9	Loan Repayment Fund	157079000	-11,035,000.00
2013 A Refunding (	Loan Repayment Fund	160290	-6,500,000.00
2015 A Refunding (	Loan Repayment Fund	506894	-10,615,000.00
Total	<i>Bonds Payable</i>		-22,375,000.00
	<i>TVA due to Grant Recipients</i>		
DW D L & ADEM &	BONY Direct Loans	132590	-300,000.00
Total	<i>TVA due to Grant Recipients</i>		-300,000.00
Total	Long Term Liabilities		-88,605,767.84
<i>Net Assets</i>			317,066,908.89