

**State of Georgia  
Drinking Water State Revolving Fund Program  
State Fiscal Year 2021 Annual Report**



**Prepared by the  
Georgia Environmental Finance Authority  
for the  
U.S. Environmental Protection Agency, Region IV  
September 30, 2021**

**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.

**Drinking Water State Revolving Fund Annual Report**  
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# State of Georgia Drinking Water State Revolving State Fund Program State Fiscal Year 2021 Annual Report

## Introduction

The Drinking Water State Revolving Fund (DWSRF) program provides assistance to public water systems for capital improvement projects in Georgia to protect public health through regulatory compliance, ensure adequate water supply, and promote the goals of the federal Safe Drinking Water Act of 1974 (SDWA), as amended. The 1996 amendments to the SDWA (Pub. L. 104-182) authorized the administrator of the U.S. Environmental Protection Agency (EPA) to establish a DWSRF loan program to assist states in financing local public water system infrastructure needed to achieve or maintain compliance with SDWA requirements in order to protect public health. In accordance with the DWSRF program guidelines published by the EPA Office of Water (816-R-97-005) in February 1997, each capitalization grant recipient must submit at least a biennial report on the activities of the DWSRF. This DWSRF Program Annual Report covers both the program and set-aside activities for the state fiscal year ending June 30, 2020 (FY2020), and comparisons between these activities and those outlined in the 2019 Intended Use Plan (IUP).

The Georgia Environmental Finance Authority (GEFA) was created by the Georgia General Assembly in 1986 as the successor agency to the Georgia Development Authority Environmental Facilities Program. GEFA serves as the central state agency for assisting local governments in financing the construction, extension, rehabilitation, replacement, and securitization of public works facilities. The governor of Georgia appoints eight members to the GEFA board of directors, and three ex-officio members are designated by the GEFA's enabling legislation. The Georgia Environmental Protection Division (EPD) provides some professional services for the DWSRF including:

- Project reviews and approvals;
- Planning; project development;
- Information tracking; information gathering and development of the National Needs Survey;
- Issuing Notices of No Significant Impacts (NONSI) and Categorical Exclusions (CE);
- Assistance with the National Information Management System (NIMS);
- Administration of EPD's set-aside activities; and
- The Drinking Water Benefits reporting (PBR) database.

## Executive Summary

In June 2020, GEFA submitted an IUP and application for the 2020 DWSRF grant. The 2021 grant was awarded on September 30, 2020, for \$25,947,000. In July 2020, the 2020 grant application and IUP were submitted to the EPA for \$25,924,000 and was awarded on September 1, 2021. GEFA submitted funds awarded by EPA to Georgia's DWSRF as of June 30, 2021, total \$522,045,847. Georgia's required state match is \$91,883,119 for a total of \$613,928,966.

Attachment 1 shows the total sources of funds quarterly during state FY2021 including federal grant funds, state match contributions, repayments from direct federal loans, repayments from state match loans, interest earnings generated from these accounts, and closing fees collected by quarterly. Attachment 2 shows the balances within these accounts as of June 30, 2021.

All DWSRF loans executed in state FY2021 are listed in Attachment 3, including 36 new loans and six increases to existing loans for a total of \$166,668,800. This total assistance amount includes \$152,871,126 in principal forgiveness (PF). Attachment 4 shows information about these projects in the NIMS format. The DWSRF provided \$28,651,420 to small water systems servicing fewer than 10,000 residents, while \$1,980,000 was provided to small water systems servicing fewer than

3,300 residents. Lastly, GEFA and EPD have entered all necessary information into the Drinking Water Benefits reporting database for projects funded through state FY2021.

All projects listed below were on the fundable list and are eligible public water systems. If the project was not the highest priority project at the time, it bypassed those higher priority projects according to the IUP bypass procedures. All commitments were made to qualified local governments or water and sewerage authorities according to the requirements of the Georgia Department of Community Affairs (DCA), and all have a verified Service Delivery Strategy approved by DCA. Additionally, all loan recipients have the technical, managerial, and financial capability to operate a water system. Each project was also reviewed in accordance with the EPA-approved State Environmental Review Process (SERP) and was issued a NONSI or a CE. Below is a short description for each of the projects funded in state FY2021.

### **Additional Subsidization Projects**

#### **Ashburn (DW202005)**

On July 28, 2021, Ashburn signed a \$1,122,000 assistance agreement, including \$556,000 in principal forgiveness. This project includes the replacement of manual read water meters with an automatic meter reading (AMR) system. As of the end of state FY2021, no funds were drawn.

#### **Baldwin (DW2017019)**

On February 18, 2021, Baldwin signed a \$1,036,000 assistance agreement, including \$310,800 in principal forgiveness. This project consists of installing a water transmission line. As of the end of state FY2021, no funds have been draw.

#### **Clayton (DW14011)**

On December 1, 2020, Clayton signed a \$1,000,000 increase to the existing \$750,000 assistance agreement entered on March 15, 2015. This includes \$187,500 in principal forgiveness. The project consists of rehabilitating or replacing existing lines within the city's water distribution system. As of the end of state FY2021, \$739,852.36 has drawn.

#### **Coosa Water Authority (DW2018016)**

On September 24, 2020, Coosa Water Authority signed a \$1,400,000 assistance agreement including \$490,000 in principal forgiveness. This project consists of replacing the water lines. As of the end of state FY2021, \$32,686.42 has been drawn.

#### **Elberton (DW2020017)**

On September 29, 2020, Elberton signed a \$2,500,000 assistance agreement, including \$900,000 in principal forgiveness. This project includes the addition of a 1 million gallon clear well and replacing high service pumps. As of the end of state FY2021, \$604,960.94 has been drawn.

#### **Fort Valley Utilities Commission (DW2020015)**

On October 30, 2020, Fort Valley Utilities Commission signed a \$200,000 assistance agreement, including \$100,000 in principal forgiveness. This project includes installing water main. As of the end of state FY2021, \$197,143.40 has been drawn.

#### **Heard County Water Authority (DW2020034)**

On March 2, 2021, Heard County Water Authority signed a \$4,000,000 assistance agreement, including \$1,500,000 in principal forgiveness. This project includes replacing two filter units at the water treatment facility. As of the end of state FY2021, \$459,263.61 has been drawn.

Lafayette (DW2019025)

On June 1, 2021, Lafayette signed a \$460,000 increase to the existing \$4,600,000 assistance agreement entered on June 25, 2020. This includes \$750,000 in principal forgiveness. This project includes demolition, rehabilitation, and expansion of the current facilities. As of the end of state FY2021, \$73,911.68 has been drawn.

Lincolnton (DW2019015)

On October 15, 2020, Lincolnton signed a \$516,000 agreement, including \$154,800 in principal forgiveness. This project includes updating some of the equipment at the water treatment plant and, replacing manual read water meters with an AMR system. As of the end of state FY2021, \$164,819.20 has been drawn.

Montezuma (DW2019013)

On June 7, 2021, Montezuma signed a \$115,000 increase to the existing \$1,150,000 assistance agreement entered on December 10, 2019. This includes \$517,500 in principal forgiveness. This project includes replace all its existing meters with an advanced metering infrastructure system and replacing a section of water main. As of the end of state FY2021, \$772,083.82 has been drawn.

Shellman (DW2020023)

On October 1, 2020, Shellman signed a \$252,000 agreement, including \$115,500 in principal forgiveness. This project includes rehabilitate and repaint the elevated water storage tank. As of the end of state FY2021, \$184,579.00 has been drawn.

Sylvester (DW2020019)

On September 15, 2020, Sylvester signed a \$1,250,000 assistance agreement, including \$500,000 in principal forgiveness. This project includes replacing water main and fire hydrants. As of the end of state FY2021, the \$298,210.90 has been drawn.

Thomasville (DW2019033)

On July 28, 2020, Thomasville signed a \$2,500,000 assistance agreement, including \$750,000 in principal forgiveness. This project includes installing water main, fire hydrants, and valves. As of the end of state FY2021, \$1,543,559.48 has been drawn.

Thomson (DW2017008)

On February 23, 2021, Thomson signed a \$122,900 increase to the existing \$1,230,000 assistance agreement entered on December 19, 2018. This includes \$344,400 in principal forgiveness. This project includes upgrades and improvements at the water treatment plant and the raw water pump station. As of the end of state FY2021, \$119,826.25 has been drawn.

Valdosta (DW2020004)

On November 17, 2020, Valdosta signed a \$8,500,000 assistance agreement, including \$500,000 in principal forgiveness. This project consists of installing an advanced metering infrastructure (AMI) system. As of the end of state FY2021, \$3,345,312.38 has been drawn.

Warwick (DW2020007)

On February 2, 2021, Warwick signed a \$356,000 assistance agreement, including \$195,574.00 in principal forgiveness. This project consists of installing water main and an AMR system. As of the end of state FY2021, \$3,497.10 has been drawn.

Waycross (DW2020009)

On July 7, 2020, Waycross signed a \$1,600,000 assistance agreement, including \$525,000 in principal forgiveness. This project consists of constructing a groundwater well. As of the end of state FY2021, \$29,046.25 has been drawn.

**Base DWSRF Projects**

Barwick (DW2020018)

On February 5, 2021, Barwick signed a \$500,000 assistance agreement. This project includes replacing water main, installing valves, hydrants, an AMR system. As of the end of state FY2021, \$25,562.50 has been drawn.

Baxley (DW2020001)

On January 19, 2021, Baxley signed a \$1,700,000 assistance agreement. This project consists of replacing manual read water meters with an AMI system. As of the end of state FY2021, \$78,949.30 has been drawn.

Brunswick-Glynn County Joint Water and Sewer Commission (DW2020040)

On January 5, 2021, Brunswick-Glynn County Joint Water and Sewer Commission signed a \$7,500,000 assistance agreement. This project consists of replacing manual read water meters with an advanced metering infrastructure (AMI) system. As of the end of state FY2021, \$3,404,522.95 has been drawn.

Colquitt (DW2017027)

On November 17, 2020, Colquitt signed a \$266,000 assistance agreement. This project includes installing an AMI system. As of the end of state FY2021, no funds were drawn.

Columbus Water Works (DW2020030)

On April 13, 2021, Columbus Water Works signed a \$22,439,000 assistance agreement. This project includes making improvements to the water distribution system. As of the end of state FY2021, no funds were drawn.

Dade County Water and Sewer Authority (DW2020035)

On October 15, 2020, Dade County Water and Sewer Authority signed a \$3,707,420 assistance agreement. This project consists of water main and pump stations upgrades, repairing two water tanks, installation of a new AMR system. As of the end of state FY2021, no funds were drawn.

Dade County Water and Sewer Authority (DW2020035)

On June 2, 2021, Dade County Water and Sewer Authority signed a \$1,124,580 increase to the existing \$3,707,420 assistance agreement entered on October 15, 2020. This project consists of water main and pump stations upgrades, repairing two water tanks, and installing a new AMR system. As of the end of state FY2021, no funds were drawn.

DeKalb County (DW2020036)

On December 9, 2020, DeKalb County signed a \$25,000,000 assistance agreement. This project includes replacing water main. As of the end of state FY2021, no funds were drawn.

Flowery Branch (DW2020020)

On February 11, 2021, Flowery Branch signed a \$5,710,000 assistance agreement. This project consists of upgrading the water distribution system. As of the end of state FY2021, no funds were drawn.

Forsyth County (DW2020029)

On January 12, 2021, Forsyth County signed a \$19,610,000 assistance agreement. This project includes replacing the existing AMR system and manual-read meters with an AMI system. As of the end of state FY2021, \$118,672.40 has been drawn.

Gainesville (DW2020032)

On May 14, 2021, Gainesville signed a \$10,000,000 assistance agreement. This project consists of upgrading the Lakeside Water Treatment Plant, upgrade the riverside water treatment plant. As of the end of state FY2021, \$21,392.39 has been drawn.

Griffin (DW2020038)

On December 3, 2020, Griffin signed a \$3,442,900 assistance agreement. This project consists of installing alum sludge processing equipment at the Harry Simmons Water Treatment Plant and Still Branch Water Treatment Plant. As of the end of state FY2021, \$326,271 has been drawn.

Lee County Utilities Authority (DW2017022)

On January 7, 2021, Lee County Utilities Authority signed a \$1,230,000 assistance agreement. This project includes constructing a deep well. As of the end of state FY2021, no funds were drawn

Lumpkin County Water and Sewer Authority (DW2020003)

On August 18, 2020, Lumpkin County Water and Sewer Authority signed a \$2,500,000 assistance agreement This project consists of extending and replacing water main, developing wells, and renovating wells, upgrading the supervisory control and data acquisition system, installing an AMR system, storage tanks, and interconnections. As of the end of state FY2021, \$2,284,656.26 has been drawn.

Macon County Water Authority (DW2020039)

On February 5, 2021, Macon County Water Authority signed a \$9,300,000 assistance agreement. This project consists of installing an AMR system. As of the end of state FY2021, no funds were drawn.

Newton County (DW2017023)

On February 2, 2021, Newton County signed a \$1,903,000 increase to the existing \$23,289,000 assistance agreement entered on October 5, 2018. This project includes modifications and improvements to the Alcovy River pump stations, Lake Varner intake, Cornish Creek Water Treatment Plant, Williams Street Water Treatment Plant. As of the end of state FY2021, \$8,361,595.55 has been drawn.

Newton County (DW2021011)

On March 18, 2021, Newton County signed a \$12,000,000 assistance agreement. This project consists of rehabilitating the Alcovy River pump stations, and the Williams Street Water Treatment Plant. As of the end of state FY2021, no funds were drawn.

Turin (DW2019029)

On October 9, 2020, Turin signed a \$406,000 assistance agreement. This project consists of water main and pump stations upgrades, repairing two water tanks, and installing an AMR system. As of the end of state FY2021, \$406,000 has been drawn.

Walker County Water and Sewer Authority (DW2019026)

On December 9, 2020, Walker County Water and Sewer Authority signed a \$11,400,000 assistance agreement. This project includes upgrading the Chickamauga Water Treatment Plant. As of the end of state FY2021, no funds were drawn.



## Meeting IUP Goals and Objectives

The 2020 DWSRF IUP listed three long-term and four short-term goals for the program.

1. Long-term Program Goal: Maintain program pace using the national average for a pace target for this fiscal year.

**Status:** GEFA has selected a comprehensive database management system that will allow borrowers to manage and track loan funds, repayments, set-aside spending, capital, and financial contributions. The goal is to automate tasks and allow the borrowers to enter and view their information in real-time. This comprehensive database will reduce the number of errors and increase efficiency in program management. The kickoff meeting is scheduled for October 1, 2021.

2. Long-term Program Goal: Explore the viability of regionalization and/or consolidation of systems to take advantage of economies of scale and to address the technical, managerial, and financial capacity issues experienced by disadvantaged communities.

**Status:** In 2019, GEFA contracted with Wood Environment and Infrastructure Solutions, Inc. to conduct an analysis of water supply sources throughout Georgia. The purpose of the Water Supply Redundancy Study is to increase Georgia's water supply solvency and reliability. This study evaluates drinking water supply, demand, treatment, storage, distribution, and interconnectivity to identify redundant water supply sources capable of providing backup water supply for qualified water systems outside the Metropolitan North Georgia Water Planning District. To date, Wood has completed the initial summaries of data (captured through surveys) for all ten water planning regions (Task 1). Additionally, Wood has identified sufficient water supply sources for nine regions (Task 2) and developed a potential project list based on the information they gathered and analyzed for seven regions (Task 3). All three tasks should be complete for the ten regions in the study by early 2022. Wood will create presentations based on their findings and GEFA will present Wood's findings to the regional water councils in Spring 2022. GEFA has yet to determine what funding incentives will be available to communities based on the projects recommended through the study.

3. Long-term Program Goal: Consolidate multiple database management systems that integrate drinking water project data with program management data.

**Status:** GEFA has selected a comprehensive database management system that will allow borrowers to manage and track loan funds, repayments, set-aside spending, capital, and financial contributions. The goal is to automate tasks and allow the borrowers to enter and view their information in real-time. This comprehensive database will reduce the number of errors and increase efficiency in program management. The kickoff meeting is scheduled for October 1, 2021.

4. Short-term Program Goal: Increase the scope of onsite technical assistance provided to small water systems to include the management of assets, and the identification and remediation of failing system components.

**Status:** On June 21, 2021, GEFA contracted with the Georgia Rural Water Association (GRWA) to provide onsite water small system technical assistance by performing 500 field visits. The field visit will assist the water system to maintain and/or achieve the technical, managerial, and financial capacity/capability to comply with state and federal drinking water regulations. GRWA will perform a minimum of 240 visits during the contract period to perform Synthetic Organic Compound (SOC) sample collection. Environmental Protection Division will provide the list of systems and sources that need SOC monitoring performed. Lastly, GRWA will perform 25 emergency preparedness technical assistance visits for water systems. Twenty-two visits will be for systems serving a population of 10,000 or less and three will be for systems serving a population greater than 10,000 but less than 25,000. These emergency field visits are for the purpose of providing assistance to the owners and/or operators of

the system in order to achieve improved disaster mitigation, emergency preparedness, and emergency response and recovery.

5. Short-term Program Goal: Hone GEFA's affordability assessment to possibly add new criteria that make sense for evaluating Georgia communities fairly and transparently.

**Status:** GEFA contracted with IB Environmental to advise GEFA on disadvantaged populations, provide training, and assist in evaluating research related to calculating the following for the borrower's:

- a. Poverty Prevalence Indicator (PPI): Percent of Households Below 200% of Federal Poverty Level.
- b. Household Burden Indicator (HBI): Water Costs as a Percent of Income at lowest quintile income.
- c. Based on the above, provide a categorization of the applicant's water-related costs as creating a:
  - Very High Burden
  - High Burden
  - Moderate-High Burden
  - Moderate-Low Burden, or
  - Low Burden

A training was held for the water resources division staff by IB Environmental on February 25, 2021, to discuss this research. IB Environmental produced a tool that can be used to easily calculate the PPI and HBI. This tool was demonstrated and discussed during the training.

6. Short-term Program Goal: Expand the outreach activities to ensure that systems are aware of and understand of and understand DWSRF assistance options and the application process by presenting at statewide workshops and conferences to publicize the DWSRF program.

**Status:** The water resources division worked closely with the public affairs division to increase awareness around the SRF program. Both divisions participated in conference presentations, workshops, training sessions, and meetings with potential borrowers. GEFA staff members presented at public events which included the GMA Interagency Roundtable, GMA Revenue Class, and District 14 Local Government Services Day. Due to COVID-19 pandemic, majority of the annual conferences were cancelled or postponed until a later date.

The WaterFirst program recognizing local governments for achieving excellence in water resources management. Becoming a WaterFirst Community demonstrates a local government's commitment to responsible water stewardship for environmental and economic benefits. Communities that earn the WaterFirst designation are eligible for financial and other benefits from the state of Georgia. GEFA conducted a lesson learned training on April 15, 2021. At the training, GEFA staff and current WaterFirst designees presented on water conservation education and outreach, stormwater utility planning, and regional coordination. Throughout the year, GEFA staff also participated in two full-day reviews where WaterFirst communities presented on their planning and programmatic efforts. Finally, several phone calls were made to current and potential WaterFirst communities to ensure that communities remain engaged with the program and to foster mentoring relationships.

In state FY2021, GEFA began a three-part webinar series entitled GEFA 101. The first webinar was held on May 20, 2021. The webinar provided an overview of GEFA and the funding programs, discussed the IUP and its purpose, demonstrated how to fill out the application, and went into depth on the call for projects and how a project can be scored for principal forgiveness. The second webinar was held on July 27, 2021. The second webinar went into the underwriting process and financial section of the application. The third webinar was held on August 31, 2021. Two staff on from the EPD reviewed the SERP.

7. Short-term Program Goal: GEFA seeks to draw down and close the 2018 DWSRF grant by June 30, 2021. This will ensure that GEFA is working to support the EPA's goal of minimizing unliquidated obligations.

**Status:** GEFA anticipates closing the FY2019 DWSRF by June 30, 2021, and the FY2020 grant will close by June 30, 2022.

## **DWSRF Loan Disbursements**

The DWSRF disbursed funds to 71 active projects during state FY2021. Attachment 5 shows projects that received funds quarterly in state FY2021. The DWSRF disbursed a total of \$55,697,249.42 in state FY2021. Many of these projects received a mix of additional subsidization, base DWSRF funds, and state match funds. Attachment 6 compares the projected disbursement schedules indicated within the 2019 and 2020 IUPs for state FY2021 against the actual disbursements made in state FY2021. The DWSRF disbursed 244 percent of projected disbursements in state FY2021.

## **DWSRF State Match**

During state FY2021, projects that received federal capitalization grant dollars used a cash draw ratio of 77.53 percent federal dollars and 22.47 percent state match dollars. This new approach will closely align with EPA's suggested methodology. GEFA received general obligation bond funds from the state to match the DWSRF program at 20 percent. These bond funds will be deposited into the same DWSRF fund as grant payments are made. Attachment 1 shows the amount of state match funds provided during state FY2021 by quarter.

## **DWSRF Loan Repayments**

In state FY2021, 21 projects closed in the DWSRF for a total of \$32,306,355 in commitments (Attachment 7). The total dollar value disbursed to these 17 projects within state FY2021 was \$30,704,757.58, which equals 95 percent of the contracted amount. All projects completed the construction phase and entered the repayment phase of the DWSRF loan process. To maintain the revolving nature of the DWSRF, repayments including the principal, interest, and fees are credited to the DWSRF. The repayments credited to the DWSRF from federal and state match projects along with the interest earnings from these accounts totaled \$2,152,204.77 (Attachment 1).

## **Assurances and Specific Proposals**

The DWSRF adheres to the certifications covered in the SDWA and those within Georgia's Operating Agreement with the regional EPA office. The specific certifications are:

1. Capitalization Grant Agreement
2. Payment Schedule
3. State Matching Funds
4. Commitment of 120 Percent in One Year
5. All Funds - Timely Expenditures
6. Enforceable Requirements of the Safe Drinking Water Act
7. Cross Cutting Issues
8. State Law and Procedures
9. State Accounting and Auditing Procedures
10. Recipient Accounting and Auditing Procedures
11. Annual Report
12. Limitations on Eligibility
13. Environmental Review Process
14. Maintain the Fund

15. Perpetuity
16. Types of Assistance
17. Priority List
18. Limitation of Double Benefits
19. Consistency with Planning Requirements
20. Annual Audit
21. Intended Use Plan
22. Annual Federal Oversight Review and Technical Assistance
23. Dispute Resolution
24. Reserve the Right to Transfer up to 30 Percent of Grant Amount Between Programs
25. NIMS
26. Public Benefits Reporting System

A copy of the state FY2021 unaudited financial data is provided under separate cover.

### **Disadvantage Business Enterprise (DBE) Participation**

Within GEFA's agreement, recipients are required to encourage participation of small, minority- and women-owned businesses in all project subcontracts. The state's DWSRF percentage goal through September 30, 2020, is four percent for Minority Business Enterprises (MBE) and four percent for Women Business Enterprises (WBE). A summary of DBE utilization is in Attachment 9. The data provided in Attachment 9 is for the reporting period of October 1, 2019, through September 30, 2020, representing the most recent full fiscal year of data.

GEFA makes every effort to comply with the EPA's Six Good Faith Efforts. Telephone calls and emails are regularly made to DBE subcontractors to encourage their participation both the CWSRF and DWSRF projects. DBE's are alerted to GEFA-approved projects as soon as they appear in our database, allowing subcontractors to inquire and prepare for these projects prior to the bid date. Subcontractors are urged to pursue EPA/Georgia Department of Transportation (GDOT)/Small Business Administration (SBA) certification. GEFA staff are available to answer questions and assist subcontractors in the application process. GEFA also maintains an in-house bidder's list of certified DBE prime contractors and subcontractors. The data for the bidder's list is collected and forwarded to loan recipients with compliance approval. The bidder's list also serves as a database of MBE and WBE and non-MBE/WBE prime contractors and subcontractors.

In considering whether firms could subcontract with DBE's, GEFA encourages prime contractors to follow the Six Good Faith Efforts to solicit the services of MBE's and WBE's. Project approval is withheld if DBE documentation is insufficient. Prime contractors are also provided with an example of an EPA approved newspaper advertisement and an example of a solicitation letter to help eliminate generic newspaper advertisements and poorly written letters. GDOT, city of Atlanta, SBA, and Metropolitan Atlanta Regional Rapid Transit Authority are resources for prime contractors for identifying DBE certified subcontractors. In addition, an EPA bidder's list is available upon request from GEFA. Guidance is provided in all related construction contracts to encourage prime contractors to divide work when feasible.

### **Program Administration (4 percent)**

In state FY2021, GEFA and EPD spent \$1,037,880 on program administration. Administrative and programmatic services provided by EPD include: project reviews; planning; reviewing and uploading needs surveys; and issuing NONSIs and CEs (Attachment 8).

## **Small System Technical Assistance (2 percent)**

During state FY2021, Georgia spent \$295,350 via a contract with the GRWA to provide "circuit rider" type technical activities including technical and managerial assistance and Synthetic Organic Compound (SOC) sampling. Under the provisions of this contract, GRWA is required to provide up to ten percent of the visits within 48 hours of notification by EPD to quickly address problems posing an immediate threat to public health.

The visits made by GRWA technicians fall into the following categories: actual compliance, potential compliance, water conservation, managerial, finance, operational maintenance, and water treatment. The variety of technical assistance provided by the circuit rider technicians include, but is not limited to, rate studies, water audits and leak detection surveys, pipe and valve location services, infrastructure assessments, source water protection, operation and maintenance programs, on-site operational assistance, troubleshooting and problem-solving, fluoridation equipment evaluations and inspections, and the identification of financing alternatives.

For the contract period from July 1, 2020, to June 30, 2021, a total of 2,940 visits were made to small water systems requiring technical assistance. This contract also requires GRWA to perform SOC sampling for public water systems throughout the state on a scheduled basis. During state FY2021, 320 visits were made in order to collect and submit the required SOC samples to the EPD laboratory.

## **Assistance to State Programs (10 percent)**

States are allowed to use up to 10 percent of its capitalization grant to provide funding for certain activities that provide "Assistance to State Programs." These activities support Georgia's Public Water System Supervision Program (PWSS) and include: operator training and certification; cross-connection control; EPD's Cryptosporidium Strategy; capacity development; source water assessment and wellhead protection; information management; and water conservation and efficiency.

The following is a summary of activities funded under the 10 percent set-aside to assist in the implementation SDWA.

### **Public Water System Supervision Operator Training**

The Georgia State Board of Examiners for the Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts was created by legislation enacted in 1969 for the purpose of protecting the public health, safety, and welfare by establishing minimum qualifications for persons who operate public water supply treatment plants, water distribution systems, wastewater treatment plants, wastewater collection systems, or who conduct certain tests of water or wastewater samples in conjunction with the operation of public water system or wastewater treatment plants.

The Certification Board is part of the Professional Licensing Boards Division of the Office of the Secretary of State and is comprised of six members appointed by the governor. Five are active in the profession and one is a member from the public at large. At least two of the six board members must be operators. All members are appointed for terms of four years. The board meets six times per year.

The board certifies six categories of licenses for public water system operators and laboratory analysts. Currently, 5,245 licensees hold certificates. Requirements for all categories include education, training, experience, and passage of a validated certification examination. Table 1 and Figure 1 below display the number of certified operators by classification level for the reporting period 2006-2020. The data is also used to establish a baseline for EPD to measure progress in operator training and certification.

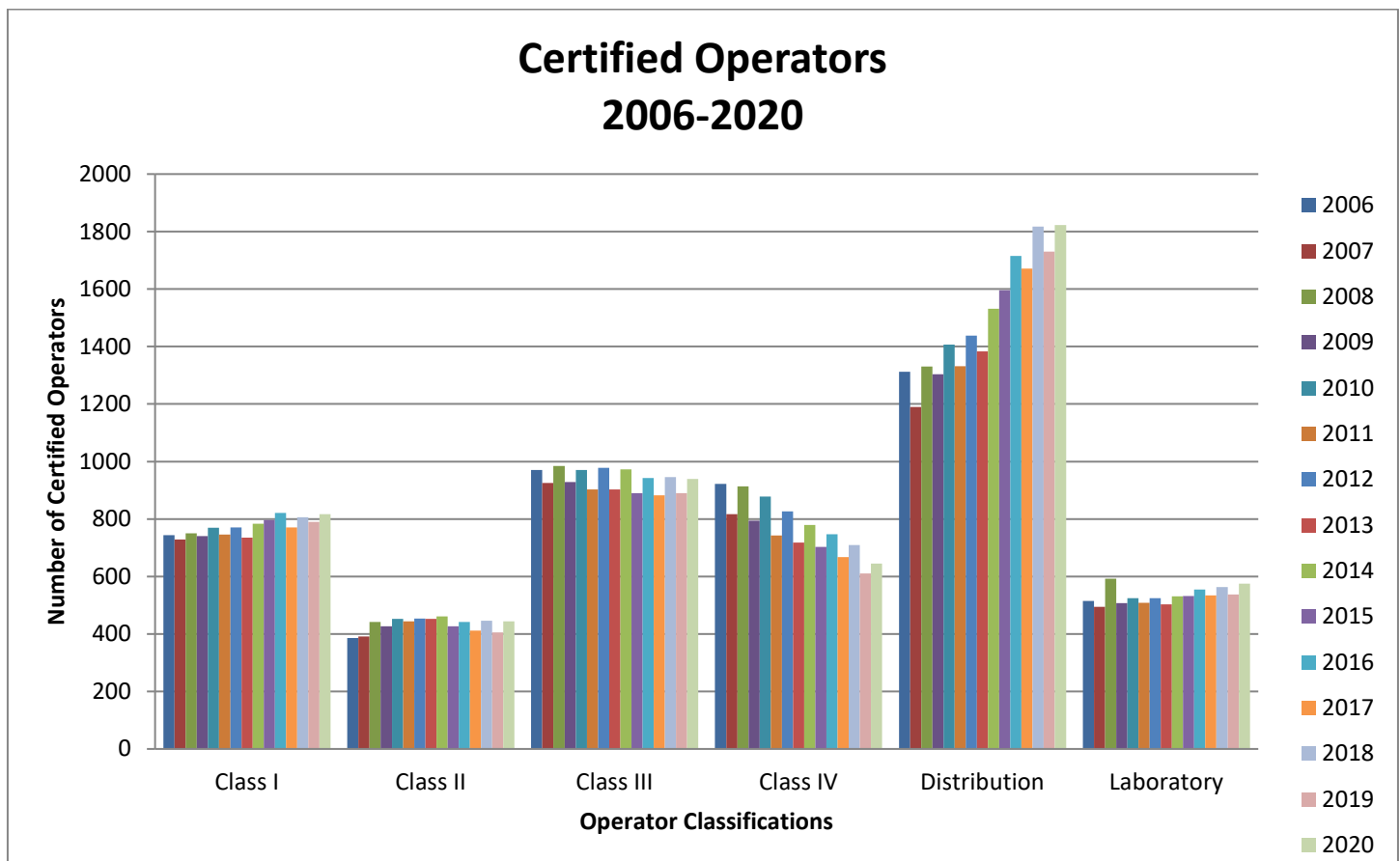
Georgia's operator certification program was revised to include an exam for Class IV Water Operators in accordance with

federal guidelines. The exam requirement for prospective Class IV Water Operators helps to ensure that these licensed operators will have the required knowledge and ability to successfully operate and maintain groundwater systems that serve populations of 25 to 999 people. The exams for all operator classification levels are developed and validated by the Association of Boards of Certification. In its capacity development program, EPD has utilized many resources and has placed a very high priority on operator training and certification. EPD realizes the importance of experienced, certified operators having the necessary knowledge and training to properly operate and maintain a public water system.

Table 1. Certified operators licensed in Georgia by year and classification level.

Operator License	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Class I	744	729	750	741	770	746	771	735	783	796	821	771	806	790	817
Class II	386	391	442	427	453	444	454	452	461	427	442	412	446	405	444
Class III	971	925	984	929	971	903	978	903	973	890	943	882	946	890	939
Class IV	922	817	913	794	878	743	827	718	779	703	747	667	709	610	645
Distribution	1,132	1,190	1,330	1,304	1,407	1,332	1,438	1,383	1,531	1,596	1,715	1,671	1,817	1,730	1,823
Laboratory	515	494	592	507	524	508	524	503	531	532	555	534	563	537	575
Total	4,670	4,546	5,011	4,702	5,003	4,676	4,992	4,694	5,058	4,944	5,223	4,937	5,287	4,962	5,243

Figure 1. Certified operators licensed in Georgia by year and classification level.



## **Cross Connection Control**

EPD has worked with GAWP to establish a state certification and re-certification program for backflow assembly testers using the American Backflow Prevention Association's nationally-recognized certification program.

EPD requires that all backflow prevention devices connected to any public water system be tested annually by backflow prevention assembly testers that hold a valid certification from a tester certification program recognized by the EPD. GAWP has worked under contract to assist EPD in establishing and maintaining the Statewide Backflow-Prevention Tester Certification Program. GAWP has been designated by EPD to administer the certification program by utilizing exams provided by the Association of Boards of Certification. In addition, the American Backflow Prevention Association, the American Society of Sanitary Engineering, and the University of Florida/TREEO Center have been approved as official certification programs and are authorized to provide certification exam results to GAWP to license backflow assembly testers. Approximately 2,826 backflow prevention professionals have been certified since the beginning of the program.

## **EPD No Longer Implementation of EPD's Cryptosporidium Strategy**

During state FY2021, EPD no longer utilized 10 percent set-aside funding to continue the implementation of its Cryptosporidium Strategy Program. However, EPD maintains the following:

1. Continued implementation of the federal Surface Water Treatment Rule (SWTR);
2. Implementation activities associated with the Interim Enhanced Surface Water Treatment Rule (IESWTR) for surface water systems serving more than 10,000 people;
3. Activities required under the Long-Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR) for surface water systems serving less than 10,000 people; and
4. Activities required under the Long-Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR) for surface water systems serving less than 3,300 people.

EPD continues conducting sanitary surveys, conducting system inspections and providing on-site technical assistance. EPD regularly conducts scheduled sanitary surveys for all public water systems in Georgia. The principal purpose is to identify and resolve problems that may potentially pose a threat to public health. The sanitary surveys address eight components required by the EPA including: water source, treatment, distribution system, finished water storage, pumps, pump facilities and controls, monitoring and reporting and data verification, system management and operation, and operator compliance with state requirements. The sanitary survey report provides official, written documentation to water system officials outlining the improvements that need to be made to their system.

## **Capacity Development Program**

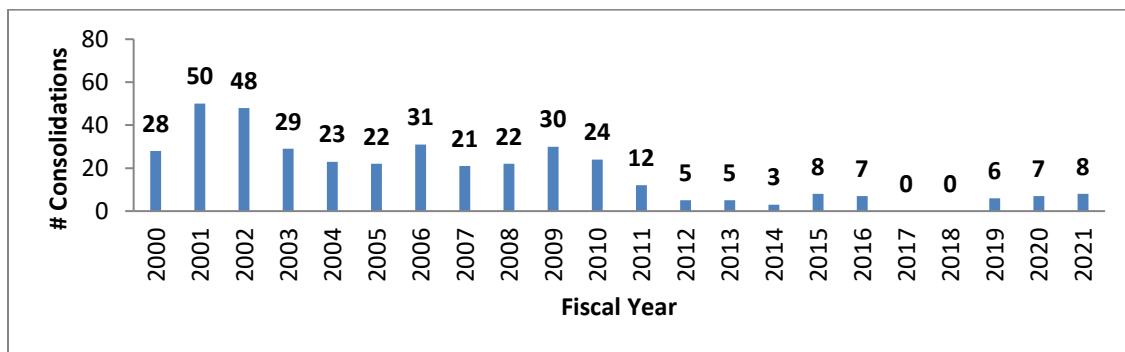
During state FY2021, EPD utilized funds from the 10 percent set-aside for activities associated with the implementation of Georgia's capacity development strategy, which was approved by EPA on September 21, 2000. As an important part of Georgia's capacity development strategy, EPD continues to require all new community and non-transient non-community public water systems, and those undergoing ownership changes, to develop a business plan to demonstrate adequate managerial and financial capacity. The business plan, in most cases, is required prior to issuance of the initial permit to operate or prior to the transfer of the existing operating permit. As of June 30, 2021, a total of 1,273 business plans have been submitted to EPD. During State FY 2021, 42 business plans were received from 17 new public water systems, and 25 from existing public water systems.

In addition to this requirement, all surface water and Ground Water Under Direct Influence (GWUDI) treatment plants are required to develop Operation & Maintenance (O&M) Plans, in accordance with the latest edition of the Division's "Guidance

Manual for Preparing Public Water Supply O&M Plans.” The O&M Plan is required prior to the start-up and permitting of a new surface water plant or GWUDI treatment plant. In addition, if not already on file with EPD, existing surface water and GWUDI systems are required to prepare an O&M Plan within the compliance schedule established for this deficiency in the sanitary survey. Groundwater systems with significant violations must develop business plans and/or O&M Plans, as required by EPD. These actions are intended to help both new and existing systems to stay in compliance with existing and future regulations. As of June 30, 2021, four surface water or GWUDI systems have submitted detailed O&M Plans.

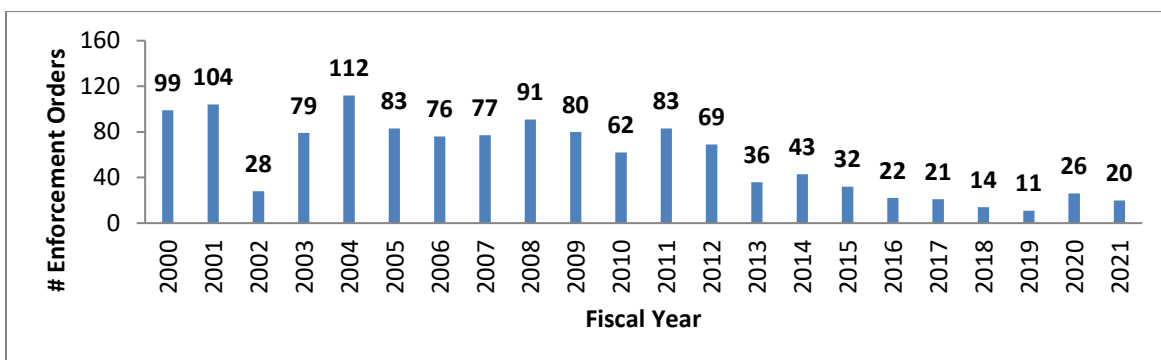
EPD continues to utilize informal and formal enforcement actions, such as written Notices of Violations (NOVs), Consent Orders, and Administrative Orders to promote compliance with federal and state drinking water regulations. Enforcement is an important tool in dealing with public water systems that lack adequate capacity. EPD’s stringent enforcement program has been a significant factor in encouraging private public water systems with limited capacity to physically merge or consolidate with local governmentally-owned water systems or water authorities. Figure 2 below shows the number of consolidations for public water systems in Georgia. During state FY2021, the state had eight consolidations with governmentally-owned water systems.

Table 2. Consolidations with governmentally owned water systems or water authorities



The continued use of negotiated settlements in the form of consent orders seems to be the most effective enforcement mechanism, rather than mandatory fines or civil penalties. Consent Orders allow EPD the flexibility to set appropriate penalties based upon the level of deficiencies and the negotiated plan to correct individual system violations in a timely manner. Figure 3 provides the number of enforcement orders issued for violations of the SDWA and/or the permit to operate a public water system.

Table 3. Enforcement Orders for public water systems





## **Source Water / Ground Water Investigations**

During state FY2021, EPD performed activities associated with the implementation of Georgia's Source Water Assessment and Protection Plan. Funds utilized under this category support salary, travel, professional development and associated miscellaneous expenses for two positions: one geographic information systems (GIS) specialist 3 and one environmental specialist 3.

The GIS specialist 3 administered the GIS Public Water System (PWS) database by updating locational data for public water system withdrawal sources, including surface water intakes, groundwater wells, and springs. The work also included updating and reviewing data for water-supply watersheds and associated Source Water Assessment Plan (SWAP) management zones. Information from the Wellhead Protection Program (WHPP) was also incorporated into this database, including spatial and tabular data derived from WHPP plans, karst PWS source delineations, and potential pollution sources. The GIS specialist 3 also coordinated GIS tasks for Regional Water Planning activities and the ongoing drought. This included both spatial analysis and cartographic production in support of the EPD Director's Office and various programs within the Watershed Protection Branch.

For privately-owned groundwater systems, SWAPs are being completed by the environmental specialist 3, as well as other in-house staff. To date, approximately 3,725 source water assessments have been prepared from July 1, 2001, through June 30, 2021. During state FY2021, 22 SWAPs were completed for privately-owned community ground water systems, four SWAPs were completed for privately-owned transient non-community ground water systems, and three SWAPs were completed for privately-owned non-transient non-community ground water systems. This activity for the privately-owned ground water systems will continue in the future. SWAPs are one way EPD helps to ensure safe drinking water for not only large but small governmentally- and privately-owned public water systems around the state.

## **Georgia Association of Water Professionals (GAWP)**

The GAWP Drinking Water System Capacity Development Support Program continues to field technical support requests for expertise advice and training. During this reporting period, GAWP sent numerous communication pieces, i.e. special advisories, utility notices, and regulatory updates, directly relevant to the regulated drinking water systems of Georgia. GAWP has an extensive electronic database that is available to the EPD for dissemination of critical information to Georgia's drinking water systems.

Under the contract, GAWP conducted numerous conferences and workshops focused on providing training and continuing education opportunities for professionals in the water industry. In addition, GAWP also conducted planning sessions for small, medium, and large utility directors, as well as district director meetings to better address needs of the profession around the state.

## **Local Assistance and Other State Programs (15 percent)**

States may provide assistance, including technical and financial assistance, to public water systems as part of a capacity development strategy under Section 1420 (c) of the SDWA. States may also use the 15 percent set-aside to support the establishment and implementation of source water assessment and wellhead protection programs. The following provides a summary of the activities funded under the 15 percent set-aside category.

### **Capacity Development Program**

EPD performed inspections and provided on-site technical assistance and training for public water systems. The on-site visits included, but were not limited to, the following: water treatment plant site visits, operator training, emergency assistance, laboratory inspections, unscheduled system inspections, on-site technical assistance, special sample collections, complaint investigations, construction inspections, record reviews, source water inspections, location specific

data collection, cross-connection inspections or investigations, watershed evaluations, and public hearings. On-site technical assistance is beneficial since most drinking water violations result from water system owner/operator's failure to understand the complex monitoring regulations and failure to perform the required testing and reporting. EPD continues to target public water systems with poor compliance records and to visit these systems more frequently basis than those not exhibiting compliance issues or reporting problems.

During state FY2021, EPD's Watershed Compliance Program (WCP) conducted 45 sanitary surveys and performed 1 on-site inspection of public water systems treating surface water or groundwater under the direct influence of surface water. EPD's district offices conducted 760 sanitary surveys and performed 232 on-site inspections of public water systems using groundwater. EPD personnel also provided 1,486 on-site technical assistance visits to water system owners and operators and responded to 71 citizen complaints.

The engineers in the DWP and EPD district offices continue to review and approve engineering plans and specifications and conduct inspections of public water systems, including those under construction, to ensure adequate technical capacity. During the period July 1, 2020, to June 30, 2021, there were over 1,600 water system projects for both new and expanding public water systems reviewed and approved under EPD's regulatory authority, which includes the delegated authority. The approved projects included, but were not limited to, the design and construction of new water source facilities (intakes, wells, and purchased water connections), water treatment plants (surface water and ground water facilities), finished water storage tanks, pumping facilities, water plant sludge/waste handling and disposal facilities, and water main additions and extensions to existing water distribution systems. EPD environmental engineers also conducted inspections of public water systems, including those under construction, to help ensure these systems have adequate technical capacity.

### **Wellhead Protection**

During state FY2021, wellhead protection plans continued to be updated for cities, counties, and water authorities when the permit to operate a public water system came up for renewal. Also, new wellhead evaluations were completed for proposed wells to identify potential sources of contamination and any deficiencies in locating the proposed source of supply. During state FY2021, 17 wellhead protection plans and 31 new wellhead evaluations were completed by EPD staff.

DWSRF-funded associates continued to support the state geologist and statewide water planning efforts by reviewing and updating drilling plans and estimates for an extensive well program proposed by the state to define critical aquifer conditions including capacity and reserves.

Another geologist in the Watershed Protection Branch identified existing wells for sampling, obtained ground water samples for analyses, evaluated ground water quality and documented results in reports. Other geologic personnel assisted the Drinking Water Program by ensuring that new water source locations comply with wellhead protection regulations.

### **Georgia Rural Water Association (GRWA)**

During the year reporting period from July 1, 2020, to June 30, 2021, EPD used two percent and 15 percent set aside funds to contract with GRWA for small system technical assistance and operator training.

Under this contract, GRWA collected a total of 320 SOC samples and delivered them to the EPD Laboratory for analysis.

GRWA also conducted 2,940 on-site technical assistance visits to water system owners and operators.

Under the same contracts, GRWA also conducted a total of 12 small water system rules and regulatory training workshops to train approximately 819 small water system personnel.

As part of their technical assistance, education and outreach efforts, GRWA also offers two educational conferences in Helen and Jekyll Island each year. A total of 548 water and wastewater personnel and laboratory analysts attended these important training events.

Finally, during the period from July 1, 2020 to June 30, 2021, GRWA provided a total of 251 water operator classes to a total of 5,169 individuals on the following topics: Class IV operator training, basic water training, advanced water training, backflow training, water distribution training, water lab training, water exam review training, fluoride training, management training and basic and applied mathematics, pumps, safety, confined space entry, O&M of process analyzers, and emergency preparedness and response training.

### **Georgia Water and Wastewater Institute (GWWI)**

The Georgia Water and Wastewater Institute (GWWI) was incorporated in 1993 and today provides the majority of water and wastewater training in the state of Georgia, operating with financial assistance provided through contracts with EPD and modest tuition fees.

During the reporting period from July 1, 2020, to June 30, 2021, GWWI conducted a total of 177 courses related to water, wastewater, and/or laboratory operations and successfully trained 3,186 operators.

In the training sessions and workshops that were conducted at the annual, fall, and spring conferences during the past state FY2021, GWWI's Technical Assistance, Education and Outreach efforts reached over 4,883 water and wastewater treatment plant operators, maintenance personnel, laboratory analyst, design engineers, consultants, and other professionals concerned about Georgia water and wastewater issues. Training topics included sessions on traditional issues such as water and wastewater treatment plant operations, maintenance and design, rules and regulations, laboratory operations, security and safety, as well as timely discussions on policy issues such as drought contingency planning, wastewater re-use, and legislative policy.

**Attachment 1**  
**Sources And Uses of Funds By Quarter**  
**Drinking Water State Revolving Fund**  
**FY 2021**  
**July 1, 2020 - June 30, 2021**

	Quarter 1 07/2020 - 09/2020	Quarter 2 10/2020 - 12/2020	Quarter 3 01/2021- 03/2021	Quarter 4 04/2021 - 06/2021	Total
<b>Sources</b>					
Direct Capitalization Grant Funds (Accrual Basis)	603,290.20	8,802,284.36	12,225,296.00	3,039,920.80	\$ 24,670,791.36
State Match Funds (Accrual Basis)	46,656.13	2,001,239.15	3,074,851.79	113,309.06	\$ 5,236,056.13
<b>Repayments</b>					
DWSRF Federal & State Principal Repayments	1,155,636.33	6,765,360.21	3,860,695.83	9,175,293.37	\$ 20,956,985.74
DWSRF Federal & State Interest Repayments	161,694.92	165,177.93	882,488.20	926,417.75	\$ 2,135,778.80
<b>Fees Collected</b>					
Closing Fee (program income)	46,000.00	-	990,842.32	564,445.97	\$ 1,601,288.29
<b>Investment Earnings (Short &amp; Long Term)</b>					
DWSRF Federal Fund	93,087.45	67,804.28	60,866.12	48,775.74	\$ 270,533.59
DWSRF State Match Fund	43,848.61	33,755.09	30,267.10	24,931.72	\$ 132,802.52
Closing Fee (program)	1,855.14	1,075.60	836.62	691.63	\$ 4,458.99
Closing Fee (non-program)	135.99	84.98	63.35	44.06	\$ 328.38
<b>Total Sources</b>	<b>2,152,204.77</b>	<b>17,836,781.60</b>	<b>21,126,207.33</b>	<b>13,893,830.10</b>	<b>\$ 55,009,023.80</b>
<b>Uses</b>					
DWSRF Disbursements - Cap Grant	127,968.70	6,905,032.31	10,609,401.92	388,995.77	\$ 18,031,398.70
DWSRF Disbursements - State Match	46,656.13	2,001,239.15	3,074,851.79	113,309.06	\$ 5,236,056.13
DWSRF Disbursements - Repayments	11,572,778.16	1,794,789.35	-	19,029,783.53	\$ 32,397,351.04
DWSRF Program Income	35,357.88	41,411.99	91,677.97	258,675.39	\$ 427,123.23
DWSRF Non-Program Income	33.21	33.21	29.14	19.81	\$ 115.37
DWSRF Set-aside (2%)	73,837.50	-	73,837.50	147,675.00	\$ 295,350.00
DWSRF Administration (4%)	162,944.50	322,383.05	307,761.66	244,790.79	\$ 1,037,880.00
DWSRF Set-aside (10% & 15%)	238,539.50	1,574,869.00	1,234,294.92	2,258,459.24	\$ 5,306,162.66
<b>Total Uses</b>	<b>12,258,115.58</b>	<b>12,639,758.06</b>	<b>15,391,854.90</b>	<b>22,441,708.59</b>	<b>62,731,437.13</b>

**Attachment 2**  
**DWSRF Repayment Accounts**  
**Drinking Water State Revolving Fund**  
**FY 2021**  
**July 1, 2020 - June 30, 2021**

Account	Balance*	Investment Earnings	Expected Uses of Funds
DWSRF Federal Repayment Fund	127,655,861.66	270,533.59	Project Funding
DWSRF State Match Repayment Fund	64,899,169.91	132,802.52	Project Funding
Closing Fee Account (Program)	4,708,396.15	4,458.99	DWSRF Activities
Closing Fee Account (Non - Program)	263,629.47	328.38	Water Supply Related Activities
<b>Total</b>	<b>197,527,057.19</b>	<b>\$408,123.48</b>	

\*Balance as of 06/30/2021

Attachment 3  
Communities Receiving DWSRF Financial Assistance  
Drinking Water State Revolving Fund  
FY 2021  
July 1, 2020 - June 30, 2021

Community	Project Number	Population	Zip Code	Project Type	Total Assistance Agreements	Loan Amount	Principal Forgiveness Amount	Binding Commitment Date	Projected Loan Closeout Date	Loan Interest Rate	Fees (%) Collected Outside the Principal of the Loan	
Ashburn, City of	DW2020005	3,716	31714	Additional Subsidization	1,122,000.00	566,000.00	556,000.00	7/28/2021	6/1/2022	0.13%	1%	
Baldwin, City of	DW2017019	3,517	30511	Additional Subsidization	1,036,000.00	725,200.00	310,800.00	2/18/2021	3/1/2022	1.94%	1%	
Barwick, City of	DW2020018	220	31720	Base SRF	500,000.00	500,000.00	-	2/5/2021	4/1/2022	0.13%	1%	
Baxley, City of	DW2020001	4,741	31513	Base SRF	1,700,000.00	1,700,000.00	-	1/19/2021	2/1/2022	0.94%	1%	
Brunswick-Glynn County Joint Water and Sewer Commission	DW2020040	60,552	31520	Base SRF	7,500,000.00	7,500,000.00	-	1/5/2021	5/1/2023	0.07%	1%	
Clayton, City of*	DW14011	2,047	30525	Additional Subsidization	1,000,000.00	1,000,000.00	-	12/1/2020	4/1/2023	0.52%	1%	
Colquitt, City of	DW2017027	1,992	31768	Base SRF	266,000.00	266,000.00	-	11/17/2020	4/1/2022	0.94%	1%	
Columbus Water Works	DW2020030	65,044	31901	Base SRF	22,439,000.00	22,439,000.00	-	4/13/2021	4/1/2025	0.13%	1%	
Coosa Water Authority	DW2018016	4,407	30512	Additional Subsidization	1,400,000.00	910,000.00	490,000.00	9/24/2020	7/1/2022	0.94%	1%	
Dade County Water and Sewer Authority*	DW2020035	7,163	30752	Base SRF	1,124,580.00	1,124,580.00	-	6/2/2021	10/30/2020	0.66%	1%	
Dade County Water and Sewer Authority	DW2020035	7,163	30752	Base SRF	3,707,420.00	3,707,420.00	-	10/15/2020	1/1/2022	0.64%	1%	
Dekalb County	DW2020036	730,000	30083	Base SRF	25,000,000.00	25,000,000.00	-	12/9/2020	7/1/2022	1.67%	1%	
Elberton, City of	DW2020017	8,000	30635	Additional Subsidization	2,500,000.00	1,600,000.00	900,000.00	9/29/2020	2/1/2023	1.64%	1%	
Flowery Branch, City of	DW2020020	10,000	30542	Base SRF	5,710,000.00	5,710,000.00	-	2/11/2021	10/1/2024	0.99%	1%	
Forsyth County	DW2020029	179,000	30040	Base SRF	19,610,000.00	19,610,000.00	-	1/12/2021	4/1/2024	0.57%	1%	
Fort Valley Utilities Commission	DW2020015	1,000	31030	Additional Subsidization	200,000.00	100,000.00	100,000.00	10/30/2020	4/1/2021	1.94%	1%	
Gainesville, City of	DW2020032	147,000	30503	Base SRF	10,000,000.00	10,000,000.00	-	5/14/2021	9/1/2023	0.13%	1%	
Griffin, City of	DW2020038	100,000	30223	Base SRF	3,442,900.00	3,442,900.00	-	12/3/2020	7/1/2022	0.13%	1%	
Heard County Water Authority	DW2020034	7,800	30217	Additional Subsidization	4,000,000.00	2,500,000.00	1,500,000.00	3/2/2021	10/1/2022	1.72%	1%	
Lafayette, City of *	DW2019025	6,888	30728	Additional Subsidization	460,000.00	460,000.00	-	6/1/2021	11/1/2022	1.86%	1%	
Lee County Utilities Authority	DW2017022	5,365	31763	Base SRF	1,230,000.00	1,230,000.00	-	1/7/2021	8/1/2021	1.39%	1%	
Lincolnton, City of	DW2019015	4,200	30817	Additional Subsidization	516,000.00	361,200.00	154,800.00	10/15/2020	10/1/2022	1.53%	1%	
Lumpkin County Water and Sewerage Authority	DW2020003	3,600	30533	Base SRF	2,500,000.00	2,500,000.00	-	8/18/2020	11/1/2022	1.71%	1%	
Macon County Water Authority	DW2020039	154,000	31068	Base SRF	9,300,000.00	9,300,000.00	-	2/5/2021	11/1/2023	0.04%	1%	
Montezuma, City of*	DW2019013	3,063	31063	Additional Subsidization	115,000.00	115,000.00	-	6/7/2021	7/1/2022	0.57%	1%	
Newton County *	DW2017023	35,000	30014	Base SRF	1,903,000.00	1,903,000.00	-	2/2/2021	5/1/2023	1.25%	1%	
Newton County	DW2021011	35,000	30014	Base SRF	12,000,000.00	12,000,000.00	-	3/18/2021	4/1/2024	0.86%	1%	
Shellman, City of	DW2020023	1,147	39886	Additional Subsidization	252,000.00	136,500.00	115,500.00	10/1/2020	4/1/2021	1.57%	1%	
Sylvester, City of	DW2020019	6,108	31791	Additional Subsidization	1,250,000.00	750,000.00	500,000.00	9/15/2020	1/1/2022	0.94%	1%	
Thomasville, City of	DW2019033	18,706	27360	Additional Subsidization	2,500,000.00	1,750,000.00	750,000.00	7/28/2020	4/1/2022	0.94%	1%	
Thomson, City of *	DW2017008	6,593	30824	Additional Subsidization	122,900.00	122,900.00	-	2/23/2021	5/1/2023	2.25%	1%	
Turin, Town of	DW2019029	837	30289	Base SRF	406,000.00	406,000.00	-	10/9/2020	1/1/2021	1.94%	1%	
Valdosta, City of	DW2020004	23,189	31601	Additional Subsidization	8,500,000.00	800,000.00	500,000.00	11/17/2020	1/1/2022	0.94%	1%	
Walker County Water and Sewerage Authority	DW2019026	28,600	30741	Base SRF	11,400,000.00	11,400,000.00	-	12/9/2020	8/1/2023	1.60%	1%	
Warwick, City of	DW2020007	423	31796	Additional Subsidization	356,000.00	160,426.00	195,574.00	2/2/2021	9/1/2022	0.13%	1%	
Waycross, City of	DW2020009	13,600	31501	Additional Subsidization	1,600,000.00	1,075,000.00	525,000.00	7/7/2020	9/21/2021	1.94%	1%	
					<b>\$ 166,668,800.00</b>	<b>\$ 152,871,126.00</b>	<b>\$ 6,597,674.00</b>					

\*Increase to an existing agreement

**Attachment 4**  
**Binding Commitments By Category, Population, and Dollar Value**  
**Drinking Water State Revolving Fund FY 2021**  
**July 1, 2020 - June 30, 2021**

<b>Commitment by Category</b>	<b># of Binding Commitments*</b>	<b>Assistance Amount (\$)</b>	<b>Commitment by Population Size</b>	<b># of Binding Commitments</b>	<b>Assistance Amount (\$)</b>
Planning and Design Only			Less Than 501	2	856,000
<b>Construction:</b>			501 to 3,300	4	1,124,000
Treatment	8	\$38,935,634.00	3,301 to 10,000	12	26,671,420
Transmission & Distribution	22	\$94,741,770.00	10,001 to 100,000	8	69,381,900
Source	8	\$7,878,783.00	100,001 and above	4	63,910,000
Storage	9	\$19,245,133.00	<b>Total</b>	<b>30</b>	<b>\$ 161,943,320.00</b>
Purchase of System					
Restructuring					
Land Acquisition					
Other	1	\$1,142,000.00			
<b>Total</b>	<b>48</b>	<b>\$161,943,320.00</b>			

\*Assistance Agreements may be counted in more than one category when they fund more than one category.

**Attachment 5**  
**Disbursement of DWSRF Funds by Quarter**  
**Drinking Water State Revolving Fund**  
**FY 2021**  
**July 1, 2020 - June 30, 2021**

Community	Project Number	Quarter 1 7/2020 - 9/2020	Quarter 2 10/2020 - 12/2020	Quarter 3 1/2021 - 3/2021	Quarter 4 4/2021 - 6/2021	Total
Baldwin County	DW2017013		\$524,749.74			\$524,749.74
Baldwin, City of	DW13016		\$247,518.49			\$247,518.49
Barwick, City of	DW2020018			\$25,562.50		\$25,562.50
Baxley, City of	DW2020001			\$78,949.30		\$78,949.30
Blue Ridge, City of	DW2017017	\$76,692.17	\$130,616.75			\$207,308.92
Bowdon, City of	DW15025	\$153,682.82	\$117,280.75			\$270,963.57
Bronwood, City of	DW2019002		\$82,901.40	\$24,859.60		\$107,761.00
Brunswick-Glynn County Joint Water and Sewer Commission	DW2020040				\$3,404,522.95	\$3,404,522.95
Cairo, City of	DW2019017		\$98,342.44	\$14,048.92	\$403,580.26	\$515,971.62
Carroll County Water Authority	DW2019024	\$5,607,493.93	\$2,109,444.36	\$3,101,307.90	\$2,691,904.25	\$13,510,150.44
Chickamauga, City of	DW2016032	\$257,259.60	\$16,279.81	\$4,497.59	\$8,298.37	\$286,335.37
Chickamauga, City of	DW2017010	\$308,949.59	\$134,373.38	\$74,206.40	\$59,869.74	\$577,399.11
Clarksville, City of	DW2017029	\$627,501.30	\$1,452,422.18	\$1,045,261.66	\$337,679.53	\$3,462,864.67
Cochran, City of	DW15019	\$26,689.00	\$9,295.00	\$45,619.00	\$7,414.00	\$89,017.00
Concord, City of	DW2019009	\$92,413.48	\$70,586.28			\$162,999.76
Coosa Water Authority	DW2018016		\$32,686.42			\$32,686.42
Cornelia, City of	DW12008	\$26,831.80		\$88,424.89		\$115,256.69
Cornelia, City of	DW15024	\$15,530.96				\$15,530.96
Coweta County Water and Sewerage Authority	DW2016012					\$0.00
Cuthbert, City of	DW2019001	\$444,903.35	\$89,175.65		\$67,089.08	\$601,168.08
Damascus, City of	DW2019006		\$4,800.00			\$4,800.00
Doerun, City of	DW2019003		\$7,475.00			\$7,475.00
Elberton, City of	DW2018008	\$189,608.61	\$22,814.34			\$212,422.95
Elberton, City of	DW2020017			\$204,450.78	\$400,510.16	\$604,960.94
Ellaville, City of	DW2017035	\$6,465.00	\$117,214.60	\$91,197.00	\$113,580.00	\$328,456.60
Ellijay Gilmer County Water and Sewerage Authority	DW2016049		\$214,968.78			\$214,968.78
Forsyth County	DW2020029				\$118,672.40	\$118,672.40
Fort Valley Utilities Commission	DW2020015		\$133,958.62	\$63,184.78		\$197,143.40
Franklin County	DW2018005	\$123,479.41	\$159,958.00	\$413,552.08	\$188,898.00	\$885,887.49
Funston, City of	DW2019004	\$91,283.78	\$103,587.31			\$194,871.09
Gainesville, City of	DW2020032				\$21,392.39	\$21,392.39
Griffin, City of	DW2019032	\$145,350.00	\$32,100.00	\$42,580.00	\$262,790.00	\$482,820.00
Griffin, City of	DW2020038			\$314,552.20	\$11,718.80	\$326,271.00

Attachment 5  
Disbursement of DWSRF Funds By Quarter

Community	Project Number	Quarter 1 7/2020 - 9/2020	Quarter 2 10/2020 - 12/2020	Quarter 3 1/2021 - 3/2021	Quarter 4 4/2021 - 6/2021	Total
Hapeville, City of	DW2018015	\$39,578.82				\$39,578.82
Harris County	DW2016030		\$398,143.75			\$398,143.75
Hazlehurst, City of	DW2017034	\$163,053.96	\$69,357.40	\$81,923.80	\$257,772.52	\$572,107.68
Heard County Water Authority	DW2016031			\$155,250.00	\$174,516.90	\$329,766.90
Heard County Water Authority	DW2020034			\$129,600.00	\$329,663.61	\$459,263.61
Homer, Town of	DW2016015	\$142,998.13	\$1,517.88	\$120,654.00	\$4,943.35	\$270,113.36
Homer, Town of	DW2016014				\$4,300.00	\$4,300.00
Hoschton, City of	DW2018002		\$206,870.16			\$206,870.16
Ivey, City of	DW2019018	\$61,423.45				\$61,423.45
Jersey, City of	DW2018013	\$288,032.89				\$288,032.89
Kingsland, City of	DW2017016	\$16,801.25	\$270,010.77			\$286,812.02
Lafayette, City of	DW2019025		\$24,709.09		\$49,202.59	\$73,911.68
Lincolnton, City of	DW2019015				\$164,819.20	\$164,819.20
Lumpkin County Water and Sewerage Authority	DW2020003		\$393,849.12	\$926,281.93	\$964,525.21	\$2,284,656.26
Madison County Industrial Development and Building Authority	DW2017026			\$402,945.13		\$402,945.13
McRae-Helena, City of	DW2016018	\$11,794.39		\$13,431.03	\$181,126.23	\$206,351.65
Millen, City of	DW2019023	\$15,200.00	\$7,600.00			\$22,800.00
Montezuma, City of	DW2019013	\$393,800.00	\$153,922.18	\$183,361.64		\$731,083.82
Newton County	DW2017023		\$1,325,000.00	\$2,711,161.07	\$4,233,854.98	\$8,270,016.05
Ocilla, City of	DW2019007		\$3,492.00	\$25,608.00		\$29,100.00
Pavo, City of	DW2018009	\$24,431.00			\$508,408.19	\$532,839.19
Perry, City of	DW2017006	\$1,051,743.27	\$238,723.20	\$1,052,200.35		\$2,342,666.82
Riceboro, City of	DW16011	\$91,340.00				\$91,340.00
Rincon, City of	DW2016019			\$235,504.86		\$235,504.86
Sandersville, City of	DW2018010	\$998,894.24	\$876,290.86	\$166,895.91	\$13,384.18	\$2,055,465.19
Shellman, City of	DW2020023			\$113,025.00	\$71,554.00	\$184,579.00
Social Circle, City of	DW2019014	\$87,734.35	\$188,748.75	\$324,343.22		\$600,826.32
Sylvester, City of	DW2020019			\$180,264.29	\$117,946.61	\$298,210.90
Thomasville, City of	DW2019033			\$827,260.02	\$716,299.46	\$1,543,559.48
Thomson, City of	DW2017007	\$134,314.68	\$77,744.55	\$61,621.95	\$79,326.57	\$353,007.75
Thomson, City of	DW2017008		\$77,861.25		\$8,450.00	\$86,311.25
Turin, Town of	DW2019029		\$261,759.47	\$115,269.35	\$28,971.18	\$406,000.00
Unified Government of Georgetown Quitman County WSA	DW2017028	\$50,718.29		\$6,833.00		\$57,551.29
Valdosta, City of	DW2020004				\$3,345,312.38	\$3,345,312.38
Waleska, City of	DW2019012	\$628.50	\$212,911.08	\$201,821.21	\$163,422.25	\$578,783.04
Warrenton, City of	DW2019010	\$13,793.54				\$13,793.54
Warwick, City of	DW2020007			\$3,497.10		\$3,497.10



**Attachment 6**  
**Comparison of Projected Versus Actual Disbursements**  
**Drinking Water State Revolving Fund**  
**FY 2021**  
**July 1, 2020 - June 30, 2021**

<b>Projected Disbursements</b>	<b>Quarter 1 7/2020 - 9/2020</b>	<b>Quarter 2 10/2020 - 12/2020</b>	<b>Quarter 3 1/2021 - 3/2021</b>	<b>Quarter 4 4/2021 - 6/2021</b>	<b>Total</b>
Projected FY 2021 DW Disbursements from 2019 IUP	\$4,257,000.00	\$1,574,000.00	\$0.00	\$0.00	<b>\$ 5,831,000.00</b>
Projected FY 2021 DW Disbursements from 2020 IUP	\$2,263,575.00	\$4,040,000.00	\$6,309,000.00	\$4,397,000.00	<b>\$ 17,009,575.00</b>
Total Projected Disbursements for FY 2021	<b>\$ 6,520,575.00</b>	<b>\$ 5,614,000.00</b>	<b>\$ 6,309,000.00</b>	<b>\$ 4,397,000.00</b>	<b>\$ 22,840,575.00</b>
Actual FY 2021 DWSRF Disbursements	<b>\$ 11,780,415.56</b>	<b>\$ 10,701,060.81</b>	<b>\$ 13,684,253.71</b>	<b>\$ 19,531,519.34</b>	<b>\$ 55,697,249.42</b>
Percent Disbursed of Projected	<b>181%</b>	<b>191%</b>	<b>217%</b>	<b>444%</b>	<b>244%</b>

**Attachment 7  
Projects Closed  
Drinking Water State Revolving Fund  
FY 2021  
July 1, 2020 - June 30, 2021**

<b>Community</b>	<b>Project Number</b>	<b>DWSRF Assistance Amount</b>	<b>Assistance Amount Used</b>	<b>Percentage Used</b>	<b>Loan Execution Date</b>	<b>Final Close Date</b>	<b>Loan Interest Rate</b>
Baldwin County	DW2017013	\$2,500,000.00	\$2,500,000.00	100.0%	2/14/2019	1/1/2021	1.25%
Blue Ridge, City of	DW2017017	\$387,000.00	\$383,562.26	99.1%	10/24/2018	1/1/2021	1.25%
Bowdon, City of	DW15025	\$1,700,000.00	\$1,674,369.16	98.5%	5/4/2017	12/1/2020	0.89%
Bronwood, City of	DW2019002	\$148,000.00	\$115,261.00	77.9%	12/20/2019	4/1/2021	0.94%
Chickamauga, City of	DW2016032	\$1,150,000.00	\$986,179.38	85.8%	7/18/2018	5/1/2021	0.89%
Cornelia, City of	DW12008	\$2,113,355.00	\$2,113,355.00	100.0%	9/3/2013	2/1/2021	1.40%
Cornelia, City of	DW15024	\$1,200,000.00	\$901,060.50	75.1%	2/15/2017	8/1/2020	0.50%
Elberton, City of	DW2018008	\$2,500,000.00	\$2,490,657.32	99.6%	7/12/2018	11/1/2020	2.25%
Fort Valley Utilities Commission	DW2020015	\$200,000.00	\$197,143.40	98.6%	10/30/2020	4/1/2021	1.94%
Funston, City of	DW2019004	\$206,000.00	\$205,316.89	99.7%	12/19/2019	11/1/2020	0.50%
Hapeville, City of	DW2018015	\$1,535,000.00	\$1,086,605.97	70.8%	5/20/2019	10/1/2020	1.25%
Hoschton, City of	DW2018002	\$428,000.00	\$426,796.04	99.7%	8/15/2018	1/1/2021	1.06%
Ivey, City of	DW2019018	\$340,000.00	\$336,299.02	98.9%	10/18/2019	10/1/2020	1.09%
Jersey, City of	DW2018013	\$825,000.00	\$825,000.00	100.0%	9/25/2019	10/1/2020	1.48%
Pavo, City of	DW2018009	\$680,000.00	\$669,999.19	98.5%	7/25/2019	5/21/2021	0.89%
Perry, City of	DW2017006	\$11,250,000.00	\$11,049,844.62	98.2%	12/21/2017	2/1/2021	1.89%
Riceboro, City of	DW16011	\$1,000,000.00	\$1,000,000.00	100.0%	10/6/2016	8/1/2020	1.89%
Rincon, City of	DW2016019	\$2,540,000.00	\$2,305,274.07	90.8%	5/1/2017	4/1/2021	1.89%
Shellman, City of	DW2020023	\$252,000.00	\$184,579.00	73.2%	10/1/2020	6/1/2021	1.57%
Towns County Water and Sewer Authority	DW2018003	\$1,015,000.00	\$916,454.76	90.3%	6/5/2018	7/1/2020	1.25%
Warrenton, City of	DW2019010	\$337,000.00	\$337,000.00	100.0%	9/19/2019	8/1/2020	1.94%
	<b>Total</b>	<b>\$32,306,355.00</b>	<b>\$30,704,757.58</b>	<b>95.0%</b>			

**Attachment 8**  
**Administrative & Set-Aside Expenses By Fund**  
**Drinking Water State Revolving Fund**  
**FY 2021**  
**July 1, 2020 - June 30, 2021**

<b>Set-aside Category</b>	<b>SRF Amount Expended</b>
<b>2% Set-aside</b>	
Technical Assistance Contracts	295,350.00
Subtotal	\$ 295,350.00
<b>4% GEFA/EPD Administration</b>	
Personnel	1,037,880.00
Subtotal	\$ 1,037,880.00
<b>10% PWSS Set-aside</b>	
Capacity Development Strategy	1,126,434.01
EPD Crypto Strategy	223,588.62
Information Management Pilot Project	540,777.81
Source Water Assessment/Petition	112,293.74
Water Resource Management	-
Subtotal	\$ 2,003,094.18
<b>15% Local Assistance Set-aside</b>	
Wellhead Protect Implement	979,648.47
Capacity Development Strategy	2,323,420.01
Subtotal	\$ 3,303,068.48
<b>Total</b>	<b>\$ 6,639,392.66</b>

**Attachment 9  
DBE Utilization  
Drinking Water State Revolving Fund  
October 1, 2019 - September 30, 2020\***

Semi-Annual Dates	Summaries		
	MBE (\$)	WBE (\$)	TOTAL (\$)
October 1, 2019 - September 30, 2020	1,317,198.51	2,494,222.66	\$ 3,811,421.17
<b>TOTAL</b>	<b>\$ 1,317,198.51</b>	<b>\$ 2,494,222.66</b>	<b>\$ 3,811,421.17</b>
<b>PERCENTAGE GOAL</b>	4.00%	4.00%	8.00%
<b>PERCENTAGE ACTUAL**</b>	<b>3.84%</b>	<b>7.27%</b>	<b>11.11%</b>

\*DBE information is provided on an annual basis to EPA

\*\*Percentage Actual is calculated by dividing the DBE funds disbursed by the total DWSRF funds disbursed in the same period

**Attachment 10**  
**DWSRF Capitalization Grants Available & Spent**  
**Drinking Water State Revolving Fund**  
**As of June 30, 2021**

<b>Capitalization Grant</b>	<b>Project Funds</b>	<b>2% Set-aside</b>	<b>4% Set-aside</b>	<b>10% Set-aside</b>	<b>15% Set-aside</b>	<b>Total Funds</b>
2020 Funds Available	17,903,430.00	518,940.00	1,037,880.00	2,594,700.00	3,892,050.00	25,947,000.00
2020 Funds Spent	17,903,430.00	-	-	-	-	17,903,430.00
% of Funds Spent	100%	0%	0%	0%	0%	69%
2019 Funds Available	17,892,390.00	518,620.00	1,037,240.00	2,593,100.00	3,889,650.00	25,931,000.00
2019 Funds Spent	17,892,380.00	98,581.38	1,037,240.00	1,415,574.51	2,118,674.07	22,562,449.96
% of Funds Spent	100%	27%	100%	55%	54%	87%
2018 Funds Available	18,060,750.00	523,500.00	1,047,000.00	2,617,500.00	3,926,250.00	26,175,000.00
2018 Funds Spent	18,060,750.00	523,500.00	1,047,000.00	2,617,500.00	3,926,250.00	26,175,000.00
% of Funds Spent	100%	100%	100%	100%	100%	100%
<b>Total Funds Available</b>	<b>\$ 53,856,570.00</b>	<b>\$ 1,561,060.00</b>	<b>\$ 3,122,120.00</b>	<b>\$ 7,805,300.00</b>	<b>\$ 11,707,950.00</b>	<b>\$ 78,053,000.00</b>
<b>Total Funds Spent</b>	<b>\$ 53,856,560.00</b>	<b>\$ 622,081.38</b>	<b>\$ 2,084,240.00</b>	<b>\$ 4,033,074.51</b>	<b>\$ 6,044,924.07</b>	<b>\$ 66,640,879.96</b>
<b>Total % of Funds Spent</b>	<b>100%</b>	<b>40%</b>	<b>67%</b>	<b>52%</b>	<b>52%</b>	<b>85%</b>