

**2013
INTENDED USE PLAN
CLEAN WATER STATE
REVOLVING FUND**

**Prepared by the
Georgia Environmental Finance Authority**

February 8, 2013



**INTENDED USE PLAN – 2013
GEORGIA ENVIRONMENTAL FINANCE AUTHORITY
CLEAN WATER STATE REVOLVING FUND**

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**CLEAN WATER STATE REVOLVING FUND
INTENDED USE PLAN
2013**

INTRODUCTION

Section 606(c) of the Water Quality Act of 1987 requires each state to annually prepare an Intended Use Plan (IUP) identifying the use of funds from the Clean Water State Revolving Fund (CWSRF) for as long as monies exist within the Fund. Section 606 also requires capitalization grant recipients to describe how they will support the goals of the CWSRF. This IUP outlines the proposed uses of the CWSRF allotment to Georgia of \$23,896,000, which represents Georgia's potential Fiscal Year (FY) 2013 allotment based on the Continuing Resolution (P.L. 112-175) – October 1, 2012, through March 27, 2013.

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 and 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 designated by GEFA's enabling legislation. Under an interagency agreement, the Georgia Environmental Protection Division (EPD) provides certain construction management and professional services to administer the CWSRF Program. These services include, but are not limited to: project reviews and approvals; planning; project development; information tracking; updating files; information gathering and development of the CWSRF Fundable List; project ranking; issuing Notices of No Significant Impacts (NONSI) and Categorical Exclusions (CE); construction management; MBE/WBE requirements; project inspections, assistance with the National Information Management System (NIMS) and completion of the Clean Water Benefits Reporting database.

CWSRF COMPREHENSIVE LIST

The procedure for developing the CWSRF Comprehensive List involves creating an on-line pre-application process which requests that all potential projects requesting funding provide project-related information. GEFA initiated the project solicitation process on November 2, 2012. GEFA allowed prospective applicants until December 31, 2012, to submit pre-applications. GEFA e-mailed the solicitation notice to its stakeholder list and coordinated with relevant trade and local government associations to further disseminate the project solicitation. GEFA also designated a section of its website to announce the solicitation for new projects. GEFA made available project solicitation packets that contained detailed information about financing terms, available funding and the scoring system for project prioritization. GEFA accepted CWSRF pre-applications through an online pre-application form available on the GEFA website. GEFA used the pre-application information to score and rank all submitted projects. All ties were broken by giving higher priority to those projects with the earlier Notice to Proceed date provided in the pre-application submission. Communities submitted 52 §212 projects with a total need of \$199,727,486 and 14 CWSRF-Green projects with a total need of \$30,285,300. The CWSRF Comprehensive List includes all the submitted projects in alphabetical order. The name of the community, the population, the total project cost,

a description of the project, and the project category are provided within the CWSRF Comprehensive List in Attachment 1. All projects on the Comprehensive List are labeled as belonging to one of the following categories: (A) Wastewater Treatment Facilities (new or expansion); (B) Combined Sewers; (C) Transport Systems; (D) Sewer Rehabilitation; (E) Non-point Source, and (F) Non-point Source Land Purchase, Water Efficiency, Energy Efficiency and Green Infrastructure.

FUNDABLE LIST (§212 Projects)

The §212 Fundable List (Attachment 2) was created from the highest scoring §212 projects listed on the Comprehensive List. These 18 projects represent more than \$108,000,000 in funding which is the approximate amount of funds that the CWSRF Program anticipates funding in 2013. The projects on the Fundable List include systems that have identified a potential wastewater project and have submitted a pre-application for funding. Additional projects from the Comprehensive List may be funded if the CWSRF Program has additional funding capacity or one of the 18 Fundable List projects does not proceed as anticipated. The GEFA board of directors reserves the right to fund lower priority projects over higher priority projects if, in the opinion of GEFA, a higher priority project has not taken the necessary steps to expeditiously prepare for funding and initiation of construction (e.g., GEFA has not received a complete and approvable financial application, the project is not ready to proceed or the community withdraws its project from consideration). Additionally, if a qualified project becomes viable within the funding year, Georgia may amend its Fundable List or Comprehensive List to include such a project. To accommodate those communities that decide to participate in the CWSRF Program after the capitalization grant has been awarded, Georgia will put those projects through the public review process by periodically announcing the inclusion of any new projects on the Fundable or Comprehensive Lists. This same process of public review and comment will be followed for any substantive change in the priority of the CWSRF Program. The name of the community, the project score, the total project costs, the estimated construction milestones of the project, the permit number and a description of the project are provided in Attachment 2.

FUNDABLE LIST (Green Projects)

The Green Project Fundable List (Attachment 3) was created from the 13 projects that met the Green Project Reserve criteria. Any green project submitted to the Clean Water or Drinking Water Programs have been listed on the CWSRF-Green project list. The total demand for green project funding is \$30,285,300.

Green Project Reserve

The Green Project Reserve language within the FY 2012 Consolidated Appropriations Act (P.L. 112-74) and carried over by the Continuing Resolution (P.L. 112-175) requires that, "to the extent there are sufficient eligible project applications, not less than 10 percent of the funds made available under this title to each state for Clean Water State Revolving Fund capitalization grants shall be used by the state for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities." GEFA hopes to meet the 10 percent Green Project Reserve requirement of \$1,118,100 through funding projects on the CWSRF-Green Fundable List. The list includes the name of the community, the project score, the total project

cost, a description of the project and the green project category. The green projects are identified as belonging to one of three sub-grouping including Water Efficiency, Energy Efficiency or Green Infrastructure. All CWSRF-Green projects will be required to submit a green business case in order to receive funding.

CWSRF ESTIMATED DISBURSEMENT SCHEDULE

An estimated disbursement schedule for those projects listed on both the §212 Fundable Lists and the CWSRF-Green Fundable List is located in Attachment 4. GEFA created this disbursement schedule based on the eight quarters identified in the CWSRF payment schedule located in Attachment 5, which indicates the timeframe for drawing the CWSRF allotment from EPA's Automated Standard Application for Payments (ASAP) System. Some of the projects listed on the disbursement schedule in Attachment 4 are one phase of a larger project and some of the projects will have a construction schedule longer than the eight quarters identified in the CWSRF payment schedule.

The only type of assistance provided by the CWSRF Program will be loan financing, along with the required principal forgiveness as outlined in the applicable appropriations language. Assistance will be provided to municipalities, water/sewer authorities created by the Georgia state legislature and non-governmental organizations (NGO). Eligible activities consist of the construction, expansion and improvements to publicly-owned wastewater treatment facilities, the implementation of a non-point source pollution projects, and the purchase of land within Georgia resulting in the improvement of water quality. All borrowers must designate a repayment source(s) for each loan agreement signed with GEFA. Capitalization grant funds for the construction of wastewater treatment facilities will include projects addressing secondary or advanced treatment or any cost-effective alternative, such as interceptors and appurtenances and infiltration/inflow correction. All projects must be designed to meet current National Pollutant Discharge Elimination System (NPDES) permit limits and all other requirements needed to maintain water quality standards. All construction projects will meet the requirements of section 513 of the Federal Water Pollution Control Act (33 U.S.C. 1372) with respect to Davis-Bacon requirements.

TERMS AND CONDITIONS OF FINANCING

Standard CWSRF Financing Terms

GEFA currently provides CWSRF loans to local governments and authorities for up to 20 years at an interest rate of 100 basis points (1 percent) below the True Interest Cost (to the nearest hundredth of one percent) received by the state on its most recent twenty year, competitively-bid, general obligation bond issue or 3.00 percent, whichever is lower. Additionally, GEFA charges a one-time 1 percent closing fee. GEFA may adjust the interest rate in the event that GEFA is unable to obtain both a dedicated source of revenue and a full faith and credit taxation pledge from the borrower.

The 1 percent closing fee is a one-time loan closing fee, charged on each commitment when the contract is executed and paid within the first 12 months following contract execution. GEFA calculates the fee based on the total CWSRF financing provided for the project. GEFA deposits all closing fees into a separate non-project account. Program income, generated from direct

capitalization grant funds, and non-program income, generated from repayment funds, will both be collected and accounted for separately. Program income and non-program income can be seen as a source and use of funds in the Estimated Sources and Uses of Funds in Attachment 6.

CWSRF Water Conservation Financing Terms

The interest rate for CWSRF-eligible water conservation projects will be 100 basis points (1 percent) below the rate GEFA charges for CWSRF loans (to the nearest hundredth of one percent). The following types of CWSRF projects are eligible for a 1 percent interest rate reduction:

- Installing or retrofitting water efficient devices, such as plumbing fixtures and appliances;
- Implementing incentive programs to conserve water such as rebates for water efficient fixtures;
- Installing water meters in previously unmetered areas;
- Replacing broken/malfunctioning water meters or upgrading existing water meters with Automatic Meter Reading systems (AMR); and
- Water recycling and reuse projects that replace potable sources with non-potable sources.

Additional Subsidization

The language within the FY 2012 Consolidated Appropriations Act (P.L. 112-74) states, "Not less than 20 percent but not more than 30 percent of the funds made available to each state for CWSRF capitalization grants shall be used by the state to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants. However, this requirement only applies to the portion of the CWSRF capitalization grant appropriation that exceeds \$1 Billion." The Continuing Resolution (P.L. 112-175) states that, "additional subsidization is not applicable at this time given that the amount made available under the Continuing Resolution is less than \$1 billion." The CWSRF Program will not provide any project with additional subsidization until Congress appropriates an amount that exceeds \$1 Billion nationally and EPA provides state CWSRF programs with guidance. If additional subsidization is provided, the CWSRF Program will offer principal forgiveness to the highest scored projects that qualify for principal forgiveness until the principal forgiveness is exhausted. Principal forgiveness will be provided as a percent of the total project not to exceed \$500,000 per project. The required principal forgiveness amount may or may not be split between §212 projects and CWSRF-Green projects.

FY 2012 Consolidated Appropriations Act (P.L. 112-74) goes on to state, "additional subsidies can be provided to any eligible recipient of SRF assistance, although priority for additional subsidies should be given to communities that could not otherwise afford eligible projects or which are defined by the State as disadvantaged." GEFA will only provide principal forgiveness funding to those communities located in "eligible" counties according to the OneGeorgia Authority's Eligibility Map. The OneGeorgia Authority uses income criteria including population, poverty rate and per capita income to identify eligible communities. The use of these affordability criteria will ensure that principal forgiveness will be provided to those communities who might not otherwise be able to afford such projects.

CWSRF Land Conservation Financing Terms

The interest rate for CWSRF-eligible land conservation projects will be 50 basis points (1/2 of one percent) below the rate GEFA charges for CWSRF loans (to the nearest hundredth of one

percent).

FOUR PERCENT ADMINISTRATION

Georgia intends to use 4 percent of the capitalization grant for administrative purposes. Based on the potential FY 2013 allotment outlined in the Continuing Resolution (P.L. 112-175) of \$23,896,000, \$995,840 will be reserved for administrative support to manage and operate the CWSRF Program. A detailed account of the personnel costs associated with the 4 percent account can be found in attachment - 7.

CRITERIA AND METHOD FOR DISTRIBUTING FUNDS

Attachment 8 explains Georgia's criteria and method used to score and distribute funds for §212 Projects while Attachment 9 explains the criteria and method used to score and distribute funds for CWSRF-Green Projects.

Only those municipalities that have been designated as a "Qualified Local Government" and are in compliance with the Service Delivery Act of 1999 (House Bill 489), and appear on the state's Comprehensive List may receive a CWSRF loan commitment. Also, only those communities within the Metropolitan North Georgia Water Planning District (MNGWPD) that are in compliance or making a good faith effort toward compliance with the MNGWPD plans are eligible for CWSRF funding. Lastly, only those communities that are in compliance with plumbing code standards adopted through the Georgia Water Stewardship Act of 2010, codified in O.C.G.A. §8-2-3, will be eligible for financing through GEFA. , Eligible project costs include planning, design, engineering construction, and in some limited cases, land acquisition costs attributed to the project. Land acquisition costs for land purchases for conservation through the Land Conservation Revolving Fund will also be eligible. Ineligible costs include maintenance and operation expenditures.

CWSRF GOALS AND OBJECTIVES

The CWSRF Program has two short term goals:

1. The CWSRF Program will work toward increasing its pace in comparison to the national average. According to the FY 2012 NIMS database, Georgia's CWSRF Program had an 84 percent rate for the pace indicator of "SRF Disbursements as a Percent of Funds Available." GEFA is currently implementing a new loan servicing software through Northbridge Consulting. This software will allow GEFA to better utilize the first-in-first-out methodology on each project, thus allowing for the faster disbursement of grant funds.
2. The CWSRF Program will work toward reducing the unliquidated obligations of the CWSRF Program and work to close the 2011 grant by June 30, 2013, and the 2012 grant by December 31, 2013.

20 PERCENT STATE MATCH REQUIREMENT

Under the provisions of the Water Quality Act of 1987, the state is required to deposit an amount equal to 20 percent of the total capitalization grant into the CWSRF Program. Based on the potential FY 2013 allotment outlined in the Continuing Resolution (P.L. 112-175) of \$23,896,000, the amount of state match required amounts to \$4,779,200. General obligation bonds of \$4,800,000 will be provided to GEFA by the state of Georgia as a match for the 2013 CWSRF Capitalization Grant award. GEFA will disburse these state bond funds along with federal direct capitalization grant funds in a manner that is proportionate to ensure the proper match on each loan disbursement. Each project which received direct federal grant funds will receive a portion of the disbursement in grant funds and a portion of the disbursement in state match funds. These state match funds will be held outside the CWSRF until the disbursement is made. Once these state dollars are disbursed to a project, those funds and the interest paid on those funds will become CWSRF funds and returned to the program.

ASSURANCES AND SPECIFIC PROPOSALS

In addition to the assurances that accompany the capitalization grant application (Standard Form 424) for 2013 funds, the CWSRF Program further agrees to adhere to all the certifications covered within our Operating Agreement with the EPA Region 4. The specific certifications are:

1. Capitalization Grant Acceptance
2. Payment Schedule
3. State Matching Funds
4. Commitment of 120 percent in One Year
5. All Funds - Timely Expenditure
6. Enforceable Requirements of the 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. Maintain the Fund
14. Perpetuity
15. Types of Assistance
16. Limitations of Double Benefits
17. Consistency with Planning Requirements
18. Priority List
19. Annual Audit
20. Annual Federal Oversight Review and Technical Assistance
21. Dispute Resolution
22. Transfer of Funds between SRF Program

As in previous years, CWSRF program managers will continue to coordinate with the EPA Region 4 on items such as quarterly and annual reports, annual reviews, National Need Surveys, collection of NIMS data, training opportunities, and attendance at regional and national conferences, workshops, and various administrative program efforts.

PUBLIC PARTICIPATION

This IUP is subject to review and comment by the public prior to incorporation into the 2013 Capitalization Grant Agreement. A public notice was placed in the *Fulton County Daily Report* on Friday January 11, 2013, announcing a public meeting on the CWSRF IUP on Thursday, January 31, 2013, at 10:00 a.m. in GEFA's boardroom. A summary of this public meeting can be found within Attachment 10.

**ATTACHMENT 1
CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST OF POTENTIAL PROJECTS**

CLEAN WATER STATE REVOLVING FUND 2013 COMPREHENSIVE LIST												
Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Baldwin	2,425	\$ 1,800,000	Upgrade and replace approx 3.5 miles of aged and undersized outfall and interceptor sewers including manholes				X					
Baldwin	2,425	\$ 480,000	The City of Baldwin proposes to replace its existing water meters for 1600 customers with wireless automatic smart meter reading system.							X		
Blairsville	659	\$ 521,000	The City plans replace its existing water meters for 1310 customers with wireless automatic smart meter reading system.							X		
Bogart	1,049	\$ 1,070,000	Construction of approximately 12,000 LF of 8" and 10" gravity sewers and appurtenances to serve the downtown area of the City of Bogart and various residential areas within the city limits. The new proposed sewers will connect to the existing Oconee County sewer under construction to serve the new Caterpillar plant being constructed adjacent to the City of Bogart. Oconee County will be the operator of the proposed Bogart sewers funded by this application. The will be no discharge with these proposed sewer lines, and they will not transport storm water.			X						
Braselton	1,206	\$ 2,600,000	Replace an existing and aged outfall sewer (7,800 L.F.) serving the northeastern section of the service area.			X	X					
Braselton	1,206	\$ 1,500,000	The Town of Braselton proposes to extend its reuse water distribution system by installing approximately 25,000 linear feet of 8" to 2" reuse distribution main in the northwest section of Town			X						
Braselton	1,206	\$ 860,000	The Town of Braselton proposes to build a high efficiency lab and control building at the water reclamation facility to replace the existing aged and out-of-date building with a LEED certified building	X								
Braselton	1,206	\$ 860,000	The Town of Braselton proposes to build a high efficiency lab and control building at the water reclamation facility to replace the existing aged and out-of-date building with a LEED certified building									X
Braselton	1,206	\$ 1,500,000	The Town of Braselton proposes to extend its reuse water distribution system by installing approximately 25,000 linear feet of 8" to 2" reuse distribution main in the northwest section of Town							X		

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Cairo	9,239	\$ 2,000,000	Add Grit Removal and Collection Facilities. The plant was built without these facilities in order to get the cost within budget. However, the grit is causing significant wear and difficulty in operating the plant. A Preliminary Engineering Report has been completed. Design is pending the identification of funding.	X								
Calhoun	10,667	\$ 1,568,400	Project includes: improvements at the city's sewage treatment plant consisting of renovating Clarifiers # 3 & 4 which were built in the '80s; piping changes to improve operational efficiency; and replacement of badly deteriorated King Street and Pisgah area sewers. Plant improvements include replacement of sludge collectors, scum collection equipment and weirs with rapid sludge collection mechanisms and full surface skimmers. Piping changes will provide flexibility between the aeration basins and final clarifiers for the three parallel trains of the plant. Replacement of the King Street and Pisgah sewers will eliminate serious I/I and leakage issues in badly deteriorated sewers.	X			X					
Chatsworth Water Works Commission	4,299	\$ 3,000,000	Install 750 k.w to 1,000 k.w of solar panels at our Waste Water and Water Plants. This will reduce our electric consumption at these facilities by almost 65%.								X	
CLAYTON	2,019	\$ 2,000,000	The city of Clayton entered into a consent order EPD-WQ-4054 on 9/19/2002 and agreed to correct sources of infiltration/inflow in the wastewater collection system. The City has fixed an repaired many of the failing structures but continues to have I/I issues with EECO's issued in 2008 and 2009. Clayton has entered into a multi-year project which includes purchasing sewer camera equipment and engineering services to inspect all manholes and pipelines. This GEFA funded project will provide the necessary smoke testing and flow monitoring equipment and fix failing manholes and pipelines that contribute to I/I problems.				X	X				
Clayton Rabun County WSA	15,050	\$ 4,000,000	The Authority proposes to extend its sanitary sewer system to serve the south SR 441 area of Rabun County, that is currently not served. The project includes 5 lift stations, approx 25,000 LF of forcemain, and approx 4,100 LF of gravity sewer.			X						
Dallas	5,056	\$ 18,500,000	This project of constructing a new 1.5 MGD wastewater treatment plant at the site of the present Dallas North WWTP. This will replace 2 WWTPs that have exceeded their design life. The new plant will be constructed in a manner that allows expansion to 3 MGD. Because the Dallas West WWTP will be abandoned, a series of gravity pipelines, pump stations, and force mains are proposed to convey the present western flows to the new WWTP.	X		X						

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Demorest	1,465	\$ 2,000,000	The City is proposing to construct improvements to the WPCP and increase capacity from 0.4 to 0.8 mgd. Bids are scheduled to be taken February 5, 2013 and primary project funding is by USDA Rural Development and Appalachian Regional Commission. SRF funding is sought as potential contingency funding.	X								
Dillard	198	\$ 450,000	Rehabilitate/ replace approximately 4,300 linear feet of sewer line that is experiencing infiltration and inflow problems				X					
Dillard	198	\$ 550,000	The City proposes to construct approximately 8,400 linear feet of sanitary sewer main in the Betty Creek Area			X						
Dudley	447	\$ 2,997,500	Construction of lined equalization basin (EQB) with energy efficient surface aerators, construction of EQB lift station, installation of energy efficient Blue Frog Technology wastewater treatment in existing aerated lagoon and reduction of inflow/infiltration from existing sewage collection system. The installation of a chlorination/de-chlorination facility	X		X	X					
East Point	39,595	\$ 3,200,000	Water meter retrofit project to add automatic meter reading (AMR) systems to all 12,000 residential water meters within the City's corporate limits and the addition of approximately 8,000 backflow preventors to residential water meters within the City's corporate limits.							X		
Effingham County	37,535	\$ 4,000,000	Construction of a 250,000 gallon/day wastewater reclamation facility at the Effingham Industrial Development Authority's I-16 industrial park to serve a major new tenant. WRF will produce reuse quality effluent and all wastewater will be reused on-site by the tenant development. WRF has already been issued a permit (GA02-032) by Georgia EPD.	X								
Emerson	1,092	\$ 4,380,000	This project consists of expansion of the Emerson Waste Water Treatment Plant from 0.5 MGD to 1.5 MGD and to include the upgrading of unit processes in order to maintain compliance with anticipated increase in discharge limitations.	X								

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Emerson	1,092	\$ 600,000	The current LakePoint development in Emerson will require approximately 1.85 million gallons per day of wastewater capacity for full build-out. The sewer system serving this property was designed for 2.0 MGD of average daily flow capacity. However, the two primary pump stations currently installed in this system only have capacity for 1.0 MGD average daily flow. Installations of larger pumps are required to provide sufficient pumping capacity for the LakePoint development. Consequently, Emerson intends to replace the existing pumps at pump station #1 and pump station #3 to provide the full design capacity of 2.0 MGD.			X						
Emerson	1,092	\$ 300,000	The project includes the purchase of approximately 1/4 mile of riparian stream buffer in fee simple along the pumpkinvine creek to allow for the restoration and protection of the vegetative buffer.					X				
Flowery Branch	1,806	\$ 2,165,000	The City of Flowery Branch has an existing wastewater discharge into Lake Lanier. The phosphorus allocation is not adequate for future expansion. The City has made an agreement with the Cinnamon Cove Homeowners Association to assume ownership of the existing Cinnamon Cove treatment plant and to transfer the wastewater entering this plant to the City's plant. This will also allow the City to assume the Cinnamon Cove phosphorus allocation, thereby allowing the City to increase the discharge capacity of the City plant. This project has been discussed at length with EPD, the concept has been accepted, and plans and specifications have recently been submitted. The construction project will consist of pumping stations and pipelines to transfer the Cinnamon Cove wastewater to Flowery Branch.			X						
Garden City	11,289	\$ 1,795,586	A series of sewer improvement projects that include the following: Wastewater Plant Belt Filter Press (BFP) Installation, Chatham City Lift Station Upgrade, Telfair Place (West) Sewer Line Installation, Sanitary Sewer System Inventory & Condition Assessment and Misc Sewer Line Rehab (2,000 linear feet). Also, the purchase of a sewer jetvac truck.			X	X	X				

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Griffin	23,451	\$ 13,000,000	Potato Creek WWTP EPD #28-014. Project involves the expansion and upgrade of Potato Creek WWTP. The existing facility is 2.0mgd and discharges to Potato Creek. Current influent is approximately 1.7mgd. Projected growth is expected to result in increased wastewater flows of 3.54mgd by 2025. the expansion will provide treatment for 3.0mgd. This plant also serves the new 685 acre Industrial Park. The expansion will consist of 1.0mgd activated sludge process. Wasteload allocation has been provided by GAEPD. The plant has been engineered and designed to meet those allocations. The plans are ready to submit for approval from GAEPD.	X								
Griffin	23,451	\$ 13,000,000	Shoal Creek WPCP EPD 326-229. Project involves expansion of Shoal Creek WWTP. The existing facility consists of an anaerobic system which has a capacity of 2.25mgd with effluent to Blanton Mill Land Application Site. Current influent flows are approximately 1.9mgd. The expansion of the plant will treat 3.5mgd. The expansion consists of 1.25mgd advanced biological treatment, activated mechanical treatment, disinfection, post aeration and effluent screening disposal to Shoal Creek. GAEPD has completed the load allocation.	X								
Griffin	23,451	\$ 500,000	The City of Griffin has delineated all of its watersheds into sub-basins and reviewed both structural, non-structural and LID options to comply with the Stormwater Management Plan and it NPDES MS4 Permit GAG610000. This project is located in the upper reaches of the Shoal Creek Watershed which flows to the Flint River. It preserves and restores stream buffer as well as rebuilds the existing lakes integrity. The project includes a forebay to maintenance the upland erosion and silt from reaching Shoal Creek. Downstream conditions are silting in the Country Club's lake. This is one of 57 identified restoration projects planned in the watersheds of Griffin.					X				
Griffin	23,451	\$ 450,000	The City of Griffin has delineated all of their watersheds and have identified subwatersheds. Structural, Non-structural and LID BMP's have been identified and calculated for efficiency removal of pollutants. As a condition of their NPDES MS4 Permit GAG610000 Griffin has implemented a construction schedule for implementation as designated in its watershed implementation plans and its SWMP. This project is located in the Cabin Creek Basin and will address 3 BMP's including stream restoration.					X				
Hart County Water and Sewer Utility Authority	22,997	\$ 470,000	HCWSUA proposes to replace its existing water meters for 1000 customers with wireless automatic smart meter reading system.							X		

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2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Hart County Water and Sewer Utility Authority	22,997	\$ 1,365,000	HCWSA proposes to upgrade its lift station and forcemain at the Gateway Industrial Park			X						
Hiawasse	808	\$ 700,000	The City proposes to make improvements to its wastewater treatment facility. The City proposes to replace an out-dated UV disinfectant System, and install a mechanical bar screen and aerator for redundancy. The City also proposes to add safety grating for access for increased safety for the operators	X								
Jasper	2,167	\$ 750,000	The City proposes to construct sewerage system improvements to serve the Philadelphia Road area and the Highway 515 corridor north of the existing collection system.			X						
Jefferson	3,825	\$ 1,730,000	The City proposes to replace the west side wastewater pumping facility that serves most of the western sector of the City of Jefferson. The existing facility is undersized, as is the existing forcemain. Moreover the location of the forcemain route is proposed for relocation into another outfall line that is more capable of handling the existing and anticipated flows			X	X					
Jefferson	3,825	\$ 800,000	The City proposes to replace approximately 4,500 linear feet of existing undersized 8-inch outfall sewer in the east side of the community. The sewer line is constructed of vitrified clay pipe which is estimated to be in excess of 60 years of age. The line experiences infiltration and inflow, frequent blockages and other failures typical to older clay sewer lines. The City proposes to replace the line utilizing trenchless technology because of environmentally sensitive areas and built up residential structures.				X					
Jefferson	3,825	\$ 2,613,000	The City proposes to improve its wastewater treatment facility to reuse quality, and discharge its reuse water above its raw water reservoir. The proposed project will improve the treated effluent quality and increase water supply to the raw water reservoir and water treatment facility.	X								
Jefferson	3,825	\$ 2,613,300	The City proposes to improve its wastewater treatment facility to reuse quality, and discharge its reuse water above its raw water reservoir. The proposed project will improve the treated effluent quality and increase water supply to the raw water reservoir and water treatment facility.							X		
Jesup	9,279	\$ 4,700,000	The project consists of the construction of a new 2.5 MGD (permit limit) wastewater treatment plant to replace an old, poorly designed plant that requires constant repairs and is no longer reliable.	X								

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Jones County	23,639	\$ 1,400,000	This project is to rehabilitate 9 sewer lift stations. Some stations are 40 plus years old and have served there time. All of these stations are in the watershed for the Town Creek Reservoir, which is operated by the Macon Water Authority.			X						
Loganville	5,435	\$ 11,000,000	This project will perform upgrades to the Loganville WWTP to reuse standards and provide reuse quality water through a distribution network of reuse/purple pipe.							X		
Macon Water Authority	14,074	\$ 3,000,000	Assessing and upgrading motors, heavy equipment, internal machinery and lighting at our two waste treatment plants (Rocky Creek & Lower Poplar). This project is geared towards finding efficiency and replacement gains to our water reclamation plants that would aid in decreasing costs to the MWA, increasing efficiency of production and improving environmental impacts including power savings	X								
Madison	3,636	\$ 1,630,000	The City desires to reduce operating costs and improve the local stream (Mile Branch) at the existing Northside WWTF (GA0023159) located at Hayes St. The concept is to divert up to 70,000 GPD ADF to the existing Southside WWTF (GA0023141) located on the eastern side of the City. The Southside facility can treat the flow more cost effectively and reduce the amount of annual labor and O&M at Northside WWTF.	X		X						
Madison County IDBA	25,730	\$ 2,250,000	This project is part of long-term Regional Sewerage System Improvements to attract commercial/industrial development and replace aging infrastructure. Many of the septic systems are failing and need to be abandoned. This portion of the project is to provide public sewer service along Highway 72 from Hull to Colbert.			X						
Monroe	11,407	\$ 2,000,000	Replace/rehab wastewater treatment plant head works including bar screens, grit collectors, install a septic receiving station.	X								
Monroe	11,407	\$ 2,000,000	City of Monroe is seeking financial assistance for our AMR water meter replacement project. This project will replace approx. 7,000 water meters ranging from 5 to 40 years of age with new AMR meters allowing the City to read meters more efficiently and account for lost water revenues. The city has a unaccounted water loss of 22%.				X					
Mount Vernon	2,082	\$ 3,000,000	The City proposes to construct additions to the WPCP and upgrade to meet NPDES permit conditions	X		X						
Rockmart	3,870	\$ 2,000,000	City proposes to construct improvements to the the existing WPCP to meet permit conditions for total phosphorus, and rehabilitate one of the main sewer lines coming into the plant to reduce peak flows and prevent line failure during storm events.	X			X					

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Sandy Springs	85,781	\$ 3,000,000	Construction of a stormwater BMP project for the Marsh Creek Headwaters					X				
Scotland	300	\$ 200,000	This project will dredge the existing waste water pond and remove sludge that has built up in the bottom of the pond and is causing back ups in the collection system and into 2 different homes.	X								
Satham	2,040	\$ 600,000	Rehabilitate/ replace sewer line that is experiencing infiltration and inflow problems in the north basin				X					
Satham	2,040	\$ 1,300,000	Rehabilitate/ replace sewer line that is experiencing infiltration and inflow problems in the south basin				X					
Summerville	4,556	\$ 1,220,000	The project is the replacement of approximately 4,499 existing 15 year old water meters within the Summerville Water System with new "Green Technology" radio-read meters with associated software and hardware.							X		
Tallapoosa	2,789	\$ 3,100,000	The City proposes to construct improvements at the existing WPCP, extend sanitary sewers to a residential area within the City not presently served, rehabilitate the Arbacoochee Road PS and sections of the collection system in the same area.	X		X	X					
Trion	1,993	\$ 2,500,000	Replace/remove existing floating aerators and remove industrial sludge in aeration basin for greater efficiency, and install adequate screening at headworks to significantly lower solids loading on treatment processes.								X	
Tunnel Hill	1,209	\$ 4,700,000	The City is proposing to construct a sewerage system to serve within the city limits and connect to the Dalton Utilities collection system for treatment. Approximately 400 new customers will be served.			X						
Union Point	1,669	\$ 1,875,000	Rehabilitate/ replace approximatly 25,000 linear feet of sewer line that is experiencing infiltration and inflow problems				X					
Valdosta	43,724	\$ 30,000,000	Construction of three new pump stations, a new force main, a new headworks structure with bar screens and grit removal system and a 4.0 MG equalization basin on a new 70-acre site well out of the Withlachochee River flood plain. Project is currently in 100% design and is scheduled to be completed in June 2013 for bidding purposes. This project will replace an existing 54-inch gravity main along the River prone to high I&I, replace the existing influent pump station at the Withlachochee WWTP which is also prone to flooding as well as eliminate a bottleneck within the sewer collection system at the start of the 54-inch main.			X	X					

**CLEAN WATER STATE REVOLVING FUND
2013 COMPREHENSIVE LIST**

Community	Pop.	Total Project Cost	Project Description	Category A New & Plant Expansion	Category B Combined Sewers	Category C Transport Systems	Category D Sewer Rehabilitation	Category E Non-Point Source	Category F Non-Point Source Land Purchases	Water Efficiency	Energy Efficiency	Green Infrastructure
Valdosta	43,724	\$ 20,000,000	Relocation of the Withlatchoochee WWTP to a new 70-acre site well out of the existing flood plain. Over one third of this plant was under water in the 2009 Federally declared flood disaster. The city plans to use the design build approach to complete this project as quickly as possible and will follow all EPD and GEFA requirements to use this approach. RFP is estimated to be advertised in late January 2013 followed by award of contract in March 2013. Design completion is anticipated to be in October 2013.	X								
Waleska	616	\$ 1,250,000	The City proposes to construct sewerage system improvements to serve the downtown business district and connect to the Rhinehart University system for treatment.			X						
Warm Springs	485	\$ 621,000	The City of Warm Springs proposes to replace its existing water meters for 480 customers with wireless automatic smart meter reading system.							X		
Warm Springs	485	\$ 1,360,000	Rehabilitate/ replace approximately 16,200 linear feet of sewer line and approximately 60 manholes that are experiencing infiltration and inflow problems				X					
West Point	3,382	\$ 5,000,000	The City proposes to construct modifications at the existing WPCP to increase capacity from 2.0 to 3.0 mgd in order to support local economic growth.	X								
Woodbury	1,184	\$ 300,000	The City of Woodbury proposes to replace its existing water meters for 650 customers with wireless automatic smart meter reading system.							X		
Wrightsville	2,223	\$ 16,000,000	The City of Wrightsville is under administrative consent order to stop discharging to Big Cedar Creek and wishes to build a land application system.	X		X	X					
Young Harris	604	\$ 1,318,000	This project is to reduce I&I in the ancient sewer system & upgrade the WWTP, 10,000 ft sewer rehab, 50 manhole rehab, replace 4 pumps in two pumping stations, sewer jetter, sewer tv camera, 5 sewer flow meters, new mechanical bar screen, new influent fine screen, one aerobic digester tank, replace one belt press and building at wwtp.	X		X	X					
		<u>\$ 230,012,786</u>										

**ATTACHMENT 2
CLEAN WATER STATE REVOLVING FUND
2013 FUNDABLE LIST (§ 212 Projects)**

CLEAN WATER STATE REVOLVING FUND 2013 FUNDABLE LIST (212 Projects)							
Community	Score	Total Project Cost	Est. Bidding Commitment Date	Est. Construction Start Date	Est. Project Completion Date	Permit Number	Project Description
Jesup	79	\$ 4,700,000	8/27/2012	9/15/2012	3/31/2014	GA0026000	The project consists of the construction of a new 2.5 MGD (permit limit) wastewater treatment plant to replace an old, poorly designed plant that requires constant repairs and is no longer reliable.
Demorest	70	\$ 2,000,000	5/1/2013	5/15/2013	7/31/2014	GA0032506	The City is proposing to construct improvements to the WPCP and increase capacity from 0.4 to 0.8 mgd. Bids are scheduled to be taken February 5, 2013 and primary project funding is by USDA Rural Development and Appalachian Regional Commission. SRF funding is sought as potential contingency funding.
Clayton	66	\$ 2,000,000	5/15/2013	6/15/2013	8/30/2014	GAG640037	The city of Clayton entered into a consent order EPD-WQ-4054 on 9/19/2002 and agreed to correct sources of infiltration/inflow in the wastewater collection system. The City has fixed an repaired many of the failing structures but continues to have I/I issues with EECO's issued in 2008 and 2009. Clayton has entered into a multi-year project which includes purchasing sewer camera equipment and engineering services to inspect all manholes and pipelines. This GEFA funded project will provide the necessary smoke testing and flow monitoring equipment and fix failing manholes and pipelines that contribute to I/I problems.
Calhoun	64	\$ 1,568,400	7/30/2013	8/15/2013	5/15/2014	N/A	Project includes: improvements at the city's sewage treatment plant consisting of renovating Clarifiers # 3 & 4 which were built in the '80s; piping changes to improve operational efficiency; and replacement of badly deteriorated King Street and Pisgah area sewers. Plant improvements include replacement of sludge collectors, scum collection equipment and weirs with rapid sludge collection mechanisms and full surface skimmers. Piping changes will provide flexibility between the aeration basins and final clarifiers for the three parallel trains of the plant. Replacement of the King Street and Pisgah sewers will eliminate serious I/I and leakage issues in badly deteriorated sewers.
Griffin	62	\$ 13,000,000	9/2/2013	3/3/2014	10/30/2015	N/A	Shoal Creek WPCP EPD 326-229. Project involves expansion of Shoal Creek WWTP. The existing facility consists of an anaerobic system which has a capacity of 2.25mgd with effluent to Blanton Mill Land Application Site. Current influent flows are approximately 1.9mgd. The expansion of the plant will treat 3.5mgd. The expansion consists of 1.25mgd advanced biological treatment, activated mechanical treatment, disinfection, post aeration and effluent screening disposal to Shoal Creek. GAEPD has completed the load allocation.

**CLEAN WATER STATE REVOLVING FUND
2013 FUNDABLE LIST (212 Projects)**

Community	Score	Total Project Cost	Est. Bidding Commitment Date	Est. Construction Start Date	Est. Project Completion Date	Permit Number	Project Description
Madison	60	\$ 1,630,000	9/2/2013	10/1/2013	10/1/2014	GA0023159	The City desires to reduce operating costs and improve the local stream (Mile Branch) at the existing Northside WWTF (GA0023159) located at Hayes St. The concept is to divert up to 70,000 GPD ADF to the existing Southside WWTF (GA0023141) located on the eastern side of the City. The Southside facility can treat the flow more cost effectively and reduce the amount of annual labor and O&M at Northside WWTF.
Tallapoosa	58	\$ 3,100,000	5/1/2013	7/1/2013	7/31/2014	GA0020982	The City proposes to construct improvements at the existing WPCP, extend sanitary sewers to a residential area within the City not presently served, rehabilitate the Arbacoochee Road PS and sections of the collection system in the same area.
Flowery Branch	57	\$ 2,165,000	7/1/2013	8/1/2013	6/30/2014	GA0031933	The City of Flowery Branch has an existing wastewater discharge into Lake Lanier. The phosphorus allocation is not adequate for future expansion. The City has made an agreement with the Cinnamon Cove Homeowners Association to assume ownership of the existing Cinnamon Cove treatment plant and to transfer the wastewater entering this plant to the City's plant. This will also allow the City to assume the Cinnamon Cove phosphorus allocation, thereby allowing the City to increase the discharge capacity of the City plant. This project has been discussed at length with EPD, the concept has been accepted, and plans and specifications have recently been submitted. The construction project will consist of pumping stations and pipelines to transfer the Cinnamon Cove wastewater to Flowery Branch.
Griffin	57	\$ 500,000	4/1/2013	6/1/2013	12/1/2013	N/A	The City of Griffin has delineated all of its watersheds into sub-basins and reviewed both structural, non-structural and LID options to comply with the Stormwater Management Plan and it NPDES MS4 Permit GAG610000. This project is located in the upper reaches of the Shoal Creek Watershed which flows to the Flint River. It preserves and restores stream buffer as well as rebuilds the existing lakes integrity. The project includes a forebay to maintenance the upland erosion and silt from reaching Shoal Creek. Downstream conditions are silting in the Country Club's lake. This is one of 57 identified restoration projects planned in the watersheds of Griffin.
Wrightsville	55	\$ 16,000,000	8/1/2013	9/2/2013	8/1/2014	GA0032395	The City of Wrightsville is under administrative consent order to stop discharging to Big Cedar Creek and wishes to build a land application system.
Young Harris	54	\$ 1,318,000	2/19/2013	6/19/2013	9/30/2014	GA0022462	This project is to reduce I&I in the ancient sewer system & upgrade the WWTP, 10,000 ft sewer rehab, 50 manhole rehab, replace 4 pumps in two pumping stations, sewer jetter, sewer tv camera, 5 sewer flow meters, new mechanical bar screen, new influent fine screen, one aerobic digester tank, replace one belt press and building at wwtp.

**CLEAN WATER STATE REVOLVING FUND
2013 FUNDABLE LIST (212 Projects)**

Community	Score	Total Project Cost	Est. Bidding Commitment Date	Est. Construction Start Date	Est. Project Completion Date	Permit Number	Project Description
Emerson	53	\$ 4,380,000	6/1/2013	7/1/2013	12/1/2014	GA0026115	This project consists of expansion of the Emerson Waste Water Treatment Plant from 0.5 MGD to 1.5 MGD and to include the upgrading of unit processes in order to maintain compliance with anticipated increase in discharge limitations.
Madison County IDBA	51	\$ 2,250,000	3/31/2013	4/30/2013	3/31/2014	GAJ020039	This project is part of long-term Regional Sewerage System Improvements to attract commercial/industrial development and replace aging infrastructure. Many of the septic systems are failing and need to be abandoned. This portion of the project is to provide public sewer service along Highway 72 from Hull to Colbert.
Rockmart	45	\$ 2,000,000	9/27/2013	10/28/2013	12/31/2014	GA0026042	City proposes to construct improvements to the the existing WPCP to meet permit conditions for total phosphorus, and rehabilitate one of the main sewer lines coming into the plant to reduce peak flows and prevent line failure during storm events.
Dallas	45	\$ 18,500,000	9/10/2012	2/3/2014	11/30/2015	GA0026034	This project of constructing a new 1.5 MGD wastewater treatment plant at the site of the present Dallas North WWTP. This will replace 2 WWTPs that have exceeded their design life. The new plant will be constructed in a manner that allows expansion to 3 MGD. Because the Dallas West WWTP will be abandoned, a series of gravity pipelines, pump stations, and force mains are proposed to convey the present western flows to the new WWTP.
Braselton	42	\$ 2,600,000	8/1/2013	10/1/2013	10/1/2014	GA0038857	Replace an existing and aged outfall sewer (7,800 L.F.) serving the northeastern section of the service area.
Griffin	42	\$ 450,000	7/1/2013	7/1/2014	12/1/2014	N/A	The City of Griffin has delineated all of their watersheds and have identified subwatersheds. Structural, Non-structural and LID BMP's have been identified and calculated for efficiency removal of pollutants. As a condition of their NPDES MS4 Permit GAG610000 Griffin has implemented a construction schedule for implementation as designated in its watershed implementation plans and its SWMP. This project is located in the Cabin Creek Basin and will address 3 BMP's including stream restoration.
Valdosta	38	\$ 30,000,000	10/21/2013	11/25/2013	3/23/2015	GA0033235	Construction of three new pump stations, a new force main, a new headworks structure with bar screens and grit removal system and a 4.0 MG equalization basin on a new 70-acre site well out of the Withlachooshee River flood plain. Project is currently in 100% design and is scheduled to be completed in June 2013 for bidding purposes. This project will replace an existing 54-inch gravity main along the River prone to high I&I, replace the existing influent pump station at the Withlachooshee WWTP which is also prone to flooding as well as eliminate a bottleneck within the sewer collection system at the start of the 54-inch main.

\$ 108,161,400

**ATTACHMENT 3
CLEAN WATER STATE REVOLVING FUND
2013 FUNDING LIST (Green Projects)**

CLEAN WATER STATE REVOLVING FUND 2013 FUNDABLE LIST (GREEN PROJECTS)						
Community	Score	Total Project Cost	Water Efficiency	Energy Efficiency	Green Infrastructure	Project Description
Summerville	48	\$ 1,220,000.00	X			The project is the replacement of approximately 4,499 existing 15 year old water meters within the Summerville Water System with new "Green Technology" radio-read meters with associated software and hardware.
East Point	44	\$ 3,200,000.00	X			Water meter retrofit project to add automatic meter reading (AMR) systems to all 12,000 residential water meters within the City's corporate limits and the addition of approximately 8,000 backflow preventors to residential water meters within the City's corporate limits.
Blairsville	42	\$ 521,000.00	X			The City plans replace its existing water meters for 1310 customers with wireless automatic smart meter reading system.
Trion	34	\$ 2,500,000.00		X		Replace/remove existing floating aerators and remove industrial sludge in aeration basin for greater efficiency, and install adequate screening at headworks to significantly lower solids loading on treatment processes.
Chatsworth Water Works Commission	34	\$ 3,000,000.00		X		Install 750 k.w to 1,000 k.w of solar panels at our Waste Water and Water Plants. This will reduce our electric consumption at these facilities by almost 65%.
Baldwin	25	\$ 480,000.00	X			The City of Baldwin proposes to replace its existing water meters for 1600 customers with wireless automatic smart meter reading system.
Jefferson	20	\$ 2,613,300.00	X			The City proposes to improve it's wastewater treatment facility to reuse quality, and discharge its reuse water above its raw water reservoir. The proposed project will improve the treated effluent quality and increase water supply to the raw water reservoir and water treatment facility.
Warm Springs	19	\$ 621,000.00	X			The City of Warm Springs proposes to replace its existing water meters for 480 customers with wireless automatic smart meter reading system.
Hart County Water and Sewer Utility Authority	19	\$ 470,000.00	X			HCWSUA proposes to replace its existing water meters for 1000 customers with wireless automatic smart meter reading system.
Braselton	19	\$ 860,000.00			X	The Town of Braselton proposes to build a high efficiency lab and control building at the water reclamation facility to replace the existing aged and out-of-date building with a LEED certified building
Braselton	19	\$ 1,500,000.00	X			The Town of Braselton proposes to extend its reuse water distribution system by installing approximately 25,000 linear feet of 8" to 2" reuse distribution main in the northwest section of Town
Woodbury	15	\$ 300,000.00	X			The City of Woodbury proposes to replace its existing water meters for 650 customers with wireless automatic smart meter reading system.
Monroe	10	\$ 2,000,000.00	X			City of Monroe is seeking financial assistance for our AMR water meter replacement project. This project will replace approx. 7,000 water meters ranging from 5 to 40 years of age with new AMR meters allowing the City to read meters more efficiently and account for lost water revenues. The city has an unaccounted water loss of 22%.
Loganville	10	\$ 11,000,000.00	X			This project will perform upgrades to the Loganville WWTP to reuse standards and provide reuse quality water through a distribution network of reuse/purple pipe.
		<u>\$ 30,285,300</u>				

**ATTACHMENT 4
CLEAN WATER STATE REVOLVING FUND
ESTIMATED DISBURSEMENT SCHEDULE**

PROJECT	LOAN AMOUNT	BINDING COMM.	CONSTR. START	TARGET COMPL.	1ST QTR	2ND QTR	3TH QTR	4TH QTR	1ST QTR	2ND QTR	3TH QTR	4TH QTR	TOTAL DISBURS.
		DATE	DATE	DATE	4/13-6/13	7/13-9/13	10/13-12/13	1/14-3/14	4/14-6/14	7/14-9/14	10/14-12/14	1/15-3/15	
Jesup	4,700,000	8/27/2012	9/15/2012	3/31/2014		1,175,000	1,175,000	1,175,000	1,175,000				4,700,000
Demorest	2,000,000	5/1/2013	5/15/2013	7/31/2014	200,000	200,000	200,000	200,000	200,000				1,000,000
Clayton	2,000,000	5/15/2013	6/15/2013	8/30/2014	325,000	325,000	325,000	375,000	325,000	325,000			2,000,000
Calhoun	1,568,400	7/30/2013	8/15/2013	5/15/2014		392,100	392,100	392,100	392,100				1,568,400
Griffin	13,000,000	9/2/2013	3/3/2014	10/30/2015				1,625,000	1,625,000	1,625,000	1,625,000	1,625,000	8,125,000
Madison	1,630,000	9/2/2013	10/1/2013	10/1/2014			326,000	326,000	326,000	326,000	326,000		1,630,000
Tallapoosa	3,100,000	5/1/2013	7/1/2013	7/31/2014		620,000	620,000	620,000	620,000	620,000			3,100,000
Flowery Branch	2,165,000	7/1/2013	8/1/2013	6/30/2014		541,250	541,250	541,250	541,250				2,165,000
Griffin	500,000	4/1/2013	6/1/2013	12/1/2013	165,000	165,000	170,000						500,000
Wrightsville	16,000,000	8/1/2013	9/2/2013	8/1/2014		3,200,000	3,200,000	3,200,000	3,200,000	3,200,000			16,000,000
Young Harris	1,318,000	2/19/2013	6/19/2013	9/30/2014	220,000	220,000	220,000	220,000	220,000	218,000			1,318,000
Emerson	4,380,000	6/1/2013	7/1/2013	12/1/2014		730,000	730,000	730,000	730,000	730,000	730,000		4,380,000
Madison County IDBA	2,250,000	3/31/2013	4/30/2013	3/31/2014	450,000	450,000	450,000	450,000	450,000				2,250,000
Rockmart	2,000,000	9/27/2013	10/28/2013	12/31/2014			200,000	200,000	200,000	200,000	200,000		1,000,000
Dallas	18,500,000	9/10/2012	2/3/2014	11/30/2015				2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Braselton	2,600,000	8/1/2013	10/1/2013	10/1/2014			520,000	520,000	520,000	520,000	520,000		2,600,000
Griffin	450,000	7/1/2013	7/1/2014	12/1/2014					150,000	150,000	150,000		450,000
Valdosta	30,000,000	10/21/2013	11/25/2013	3/23/2015			5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,000,000
Blairsville	521,000	5/1/2013	6/1/2013	10/1/2013	175,000	175,000	171,000						521,000
Trion	2,500,000	12/1/2013	12/15/2013	12/31/2014			500,000	500,000	500,000	500,000	500,000		2,500,000
Summerville	1,220,000	8/1/2013	8/20/2013	8/20/2014		244,000	244,000	244,000	244,000	244,000			1,220,000
Chatsworth Water Works Commission	3,000,000	6/30/2013	7/15/2013	12/15/2013		1,000,000	1,000,000	1,000,000					3,000,000
East Point	3,200,000	7/1/2014	8/5/2013	12/31/2014		530,000	550,000	530,000	530,000	530,000	530,000		3,200,000
Braselton	860,000	3/1/2013	4/1/2013	12/1/2013	280,000	300,000	280,000						860,000
Baldwin	480,000	12/1/2013	2/1/2014	8/1/2014				160,000	160,000	160,000			480,000
Braselton	1,500,000	3/1/2013	4/1/2013	12/1/2013									0
Jefferson	2,613,300	12/1/2013	2/1/2014	2/1/2015				522,660	522,660	522,660	522,660	522,660	2,613,300
Warm Springs	621,000	12/1/2013	2/1/2014	8/1/2014				207,000	207,000	207,000			621,000
Hart County Water and Sewer Utility Authority	470,000	12/1/2013	2/1/2014	8/1/2014				150,000	170,000	150,000			470,000
Woodbury	300,000	12/1/2013	2/1/2014	8/1/2014				100,000	100,000	100,000			300,000
TOTAL	\$ 125,446,700				1,815,000	10,267,350	16,814,350	21,488,010	20,458,010	17,827,660	12,603,660	9,797,660	111,071,700

**ATTACHMENT 5 - 2013 ASAP CWSRF Payment Schedule
CLEAN WATER STATE REVOLVING FUND
2013 ASAP PAYMENT SCHEDULE**

Payment No.	Federal Fiscal Year		Amount (\$)
	Quarter	Date	
1	3rd Quarter,	4/2013 - 6/2013	\$5,974,000
2	4th Quarter,	7/2013 - 9/2013	\$5,974,000
3	1st Quarter,	10/2013 - 12/2013	\$5,974,000
4	2nd Quarter,	1/2014 - 3/2014	\$5,974,000
5	3th Quarter,	4/2014 - 6/2014	-\$0-
6	4th Quarter,	7/2014 - 9/2014	-\$0-
7	1st Quarter,	10/2014 - 12/2014	-\$0-
8	2nd Quarter,	1/2015 - 3/2015	-\$0-
Total			\$23,896,000

**ATTACHMENT 6
CLEAN WATER STATE REVOLVING FUND
ESTIMATED SOURCES AND USES**

Sources & Uses	1ST QTR 4/13-6/13	2ND QTR 7/13-9/13	3TH QTR 10/13-12/13	4TH QTR 1/14-3/14	1ST QTR 4/14-6/14	2ND QTR 7/14-9/14	3TH QTR 10/14-12/14	4TH QTR 1/15-3/15	Total
Sources									
2012 Capitalization Grant Funds	5,974,000								\$ 5,974,000
2013 Capitalization Grant Funds	2,795,250	2,795,250	2,795,250	2,795,250					\$ 11,181,000
2011 Transfer from CWSRF		7,343,820							\$ 7,343,820
State Match Funds	1,580,000	1,468,764	1,853,753	1,560,000	996,200				\$ 7,458,717
Repayments									\$ -
CWSRF Federal Repayments	17,900,000	17,900,000	17,700,000	17,600,000	17,600,000	17,800,000	17,800,000	17,800,000	\$ 142,100,000
Fees Collected									\$ -
Closing fee	102,500	102,500	102,500	102,500	102,500	100,000	40,000	60,000	\$ 712,500
Investment Earnings (Short & Long Term)									\$ -
CWSRF Federal Repayment Fund	16,500	16,500	16,500	16,500	16,500	16,500	16,500	16,500	\$ 132,000
CWSRF State-Match Repay Fund	20,150	20,150	20,150	20,150	20,150	20,150	20,150	20,150	\$ 161,200
Closing Fee (program)	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	\$ 50,000
Closing fee (non-program)	700	700	700	700	700	700	700	700	\$ 5,600
Total Sources	\$ 28,395,350	\$ 29,653,934	\$ 22,495,103	\$ 22,101,350	\$ 18,742,300	\$ 17,943,600	\$ 17,883,600	\$ 17,903,600	\$ 175,118,837
Uses									
CWSRF Disbursements - 2012 Cap Grant	6,200,000	3,800,000							\$ 10,000,000
CWSRF Disbursements - 2013 Cap Grant		2,500,000	6,200,000	2,500,000					\$ 11,200,000
CWSRF Disbursements - State Match	1,580,000	1,560,000	1,560,000	1,400,000	1,200,000	1,080,000	1,070,000	978,000	\$ 10,428,000
CWSRF Disbursements - Repayments				3,000,000	4,600,000	4,300,000	4,300,000	3,900,000	\$ 20,100,000
CWSRF Administration - (4%)	370,000	370,000	370,000	370,000	370,000	370,000	370,000	370,000	\$ 2,960,000
CWSRF Non-program Income	211,150	211,150	211,150	211,150	211,150	211,150	211,150	211,150	\$ 1,689,200
Total Uses	\$ 8,361,150	\$ 8,441,150	\$ 8,341,150	\$ 7,481,150	\$ 6,381,150	\$ 5,961,150	\$ 5,951,150	\$ 5,459,150	\$ 56,377,200

**ATTACHMENT 7 – CWSRF 4 Percent Administrative Funds
2013 CWSRF 4 Percent ADMINISTRATIVE FUNDS**

The CWSRF Program allows 4 percent of the capitalization grant to be used for the administration of the CWSRF Program. The table below displays how this \$955,840 will be spent to administer the funds in this application as well as ongoing projects. Existing funds from previous grants will be used to supplement any costs incurred above and beyond the \$955,840 in this grant application.

4 Percent Administration (2013 - \$955,840)

Activity	Activity	Cost	Comments
CWSRF Administration	EPD activities include project reviews and approvals; planning; project development; information tracking; information gathering and development of the National Needs Survey; project ranking; issuing Notices of No Significant Impacts (NONSI); Categorical Exclusions; construction management; MBE/WBE requirements; project inspections; and assistance with the National Information Management System (NIMS).	Engineering and Technical Support Program & Construction Management Unit Contract: \$940,000 GEFA staff \$300,000	Any remaining funds will be banked to administer the CWSRF Program in future years. Any additional funds needed above the \$955,840 will be used from previous capitalization grants rolled forward.
	Total	\$1,240,000	

**ATTACHMENT 8 – Ranking Criteria for CWSRF Project (§212 Projects)
2013 CWSRF Project Solicitation
Project Ranking Criteria**

(Maximum Point Total - 100 Points)*

Projects will be rated in five categories to determine their eligibility and selection for funding under the CWSRF Program.

CLEAN WATER SRF

CLEAN WATER STATE REVOLVING FUND SCORING SYSTEM

1. Readiness To Proceed (maximum of 30 points)
2. Organizational and Technical Capacity (maximum of 15 points)
3. Compliance Benefit (maximum of 25 points)
4. Environmental Benefit / Performance (maximum of 20 points)
5. Other Applicant or Project Attributes (maximum of 10 points)

CLEAN WATER STATE REVOLVING FUND SCORING SYSTEM – DETAILED BREAKDOWN

1. **Readiness To Proceed** (maximum of 30 points)
CHECK ALL THAT APPLY
 - a. Plans and specifications approved by EPD 6 pts
 - b. Plans and specifications that meet the minimum requirements submitted to EPD 6 pts
 - c. State Environmental Review Process complete – NONSI or CE approved. 6 pts
 - d. State Environmental Review Process progress – NONSI or CE issued 6 pts
 - e. State Environmental Review Process planning documents submitted to EPD 6 pts

2. **Organizational and Technical Capacity** (maximum of 15 points)
ANY BELOW THAT APPLY
 - a. Applicant maintains a central asset inventory (with descriptive information about assets such as age, size, construction materials, location, installation date, condition, remaining useful life) and a complete water system map 5 pts
 - b. Applicant maintains long-term water and/or sewer Capital Improvement Plan (covering at least the next 5 years) 5 pts
 - c. Applicant funds a dedicated capital improvement reserve from current revenues (i.e., creates an asset annuity) 5 pts

3. **Compliance Benefit** (maximum of 25 points)
HIGHEST LEVEL BELOW THAT APPLIES
 - a. Project is needed to fully address deficiencies documented in Emergency or Administrative Order (Order #: _____) 25 pts
 - b. Project is needed to achieve compliance with final effluent limitations and applicant is under enforceable order from EPD to construct project 20 pts
 - c. Project is needed to achieve / maintain compliance with applicable permit (NPDES, LAS, Industrial Pretreatment) 15 pts
 - d. Project is needed to fully address deficiencies documented in an enforcement action 10 pts
 - e. Project is needed to achieve / maintain compliance with Georgia's Nonpoint Source Management Plan 5 pts

Note – total points available in category above exceed 25, but maximum possible score is 25

4. **Environmental Benefit / Performance** (maximum of 20 points)
ANY BELOW THAT APPLY
 - a. Receiving stream segment affected by the project is on either the 303(d) list or the 305(b) list 15 pts
 - b. Project will eliminate leaking / failing septic systems 15 pts
 - c. Loan applicant is a current or pending MS4 permittee and the project is a component of its storm water management program 5 pts
 - d. Project is a non-point source pollution control activity recommended in a watershed assessment study required by EPD or initiated by the applicant 5 pts
 - e. A significant portion of the project involves the construction of structural non-point source pollution controls. 5 pts

Note – total points available in category above exceed 20, but maximum possible score is 20

5. **Other Applicant or Project Attributes** (maximum of 10 points)
ANY BELOW THAT APPLY
 - a. Project benefits more than one system or community (e.g. sewer interconnection) 3 pts

- b. Project entails assuming control of another system (public or private) which is noncompliant, on the verge of noncompliance or otherwise does not operate effectively and efficiently. 3 pts
- c. Project entails the use of new, promising technology or represents an innovative approach to delivering high-quality drinking water and protecting human health. 4 pts

*In an effort to reduce the effort on the part of the applicant, various questions scored within the CWSRF ranking criteria are not asked within the pre-application but instead are determined by GEFA in-house.

ATTACHMENT 9 – Ranking Criteria for CWSRF Project (Green Projects)

2013 Green Project Solicitation Green Project Ranking Criteria

(Maximum Point Total - 100 Points)*

Projects will be rated in six categories to determine their eligibility and selection for funding under the CWSRF Program.

SRF GREEN PROJECT RESERVE PROJECTS

GREEN PROJECT RESERVE PROJECTS SCORING SYSTEM – SUMMARY

1. Readiness To Proceed (maximum of 30 points)
2. Organizational and Technical Capacity (maximum of 10 points)
3. Water Efficiency Benefit / Performance (maximum of 20 points)
4. Energy Efficiency Benefit / Performance (maximum of 15 points)
5. Green Infrastructure Benefit / Performance (maximum of 15 points)
6. Other Applicant or Project Attributes (maximum of 10 points)

GREEN PROJECT RESERVE PROJECTS SCORING SYSTEM – DETAILED BREAKDOWN

1. **Readiness To Proceed** (maximum of 30 points)
CHECK ALL THAT APPLY
 - a. Plans and specs approved by EPD 6 pts
 - b. Plans and specs that meet the minimum P&S requirements submitted to EPD 6 pts
 - c. State Environmental Review Process complete – NONSI or CE approved. 6 pts
 - a. State Environmental Review Process progress – NONSI or CE issued 6 pts
 - d. State Environmental Review Process planning documents submitted to EPD 6 pts
2. **Organizational and Technical Capacity** (maximum of 10 points)
ANY BELOW THAT APPLY
 - a. Applicant maintains a central asset inventory (with descriptive information about assets such as age, size, construction materials, location, installation date, condition, remaining useful life) and a complete water system map 4 pts
 - b. Applicant maintains long-term water and/or sewer Capital Improvement Plan (covering at least the next 5 years) 4 pts
 - c. Applicant funds a dedicated capital improvement reserve from current revenues (i.e., creates an asset annuity) 2 pts
3. **Water Efficiency Benefit / Performance** (maximum of 20 points)
PROVIDE RESPONSES TO EACH STATEMENT (NUMERIC RESPONSES WILL BE EVALUATED ON A CURVE)
 - a. Leak detection and correction (leak detection & pipe replacement) 7 pts
 - i. Annual water savings that will result from proposed project: ___MG (per year)
 - ii. Dollar per annual gallon saved (total project cost / gallons saved per year): ____
 - iii. Annual cost savings due to lower treatment volumes that will result from proposed project: \$___ (per year)
 - b. Metering (reduction of apparent losses) 4 pts
 - i. Estimated annual revenue increase that will result from proposed metering project: \$___ (per year)
 - ii. Percentage reduction in system's rate of non-revenue water: ___%
 - iii. Estimated simple payback period for project (total project cost / annual revenue increase that results from project): ____
 - c. Water Fixture or Irrigation System Retrofit or Rebate Program/Project 5 pts
 - i. Annual water savings that will result from proposed project: ___MG (per year)
 - ii. Dollar per annual gallon saved (total project cost / gallons saved per year): ____
 - iii. Annual cost savings due to lower treatment volumes that will result from proposed project: \$___ (per year)
 - d. Water Reuse / Water Recycling 4 pts
 - i. Annual amount of reused or recycled water that will be made available to customers and will displace equivalent demand for tap-quality treated water: ___MG (per year)
 - ii. Dollar per annual gallon reused/recycled (total project cost / gallons reused/recycled per year): ____
4. **Energy Efficiency Benefit / Performance** (maximum of 15 points)
PROVIDE RESPONSES TO EACH APPLICABLE STATEMENT
 - a. Pump / Motor / Blower Replacement and Treatment Improvements (Drinking & Clean Water) 6 pts

- i. Percentage reduction in annual energy usage that will result from proposed project: ____%
 - ii. Annual kilowatt-hour reduction that will result from project: ____kWh(per year)
 - iii. Assuming 10¢ per kWh, annual dollar savings that will result from proposed project: \$____(per year)
 - iv. Will the project include operator training on energy efficient equipment?
 - b. On-site renewable energy production at water utility facility 6 pts
 - i. Annual kilowatt-hours of electricity that will be generated on-site as a result of proposed project: ____kWh (per year)
 - ii. Annual therms of process heating that will be generated and used on-site as a result of proposed project: ____therms (per year)
 - c. Metering (reduction of apparent losses) 3 pts
 - i. Estimated annual fuel savings that will result from proposed project: ____gallons (per year)
 - ii. Estimated annual cost savings from fuel use reduction that would result from proposed project: \$____ (per year)
- 5. Green Infrastructure Benefit / Performance** (maximum of 15 points)
 PROVIDE RESPONSES TO EACH STATEMENT (NUMERIC RESPONSES WILL BE EVALUATED ON A CURVE)
- a. Estimated annual pollutant loading / runoff reduction into receiving waterway that will result from proposed project: ____lbs. (per year) 5 pts
 - b. Estimated annual stormwater kept out of sewer system: ____gals (per year) 2 pts
 - c. Estimated annual cost savings due to lower wastewater treatment volumes that will result from proposed project: \$____ (per year) 2 pts
 - a. Receiving stream segment affected by the project is on either the 303(d) list or the 305(b) list 5 pts
 - b. Loan applicant is a current or pending MS4 permittee and the project is a component of its storm water management program 1 pts
 - c. Project is a non-point source pollution control activity recommended in a watershed assessment study required by EPD or initiated by the applicant 1 pts
 - d. Project is a part of a watershed-wide or regional approach to addressing non-point source pollution 2 pts
 - e. Applicant has developed a watershed assessment that documents location and extent of point and non-point source pollution inflows to receiving waterways. 2 pts
- Note – total points available in category above exceed 15, but maximum possible score is 15*
- 6. Other Applicant or Project Attributes** (maximum of 10 points)
- a. Additional “Green” Impact Statement – GEFA will evaluate a short statement of impact from each applicant that addresses at least the following impact metrics: project is highly visible and/or provides strong opportunity for public education, project will support other environmental goals of the city, county or state (e.g. removal of invasive species, project will create recreational opportunities, project will achieve superior environmental performance (beyond that required for federal or state permits), etc. This information should be **in addition** to information otherwise provided. (300-word limit) 10 pts

*In an effort to reduce the effort on the part of the applicant, various questions scored within the Green Project ranking criteria are not asked within the pre-application but instead are determined by GEFA in-house.

ATTACHMENT 10 - Public Participation Summary
CLEAN WATER STATE REVOLVING FUND
PUBLIC PARTICIPATION SUMMARY

On Thursday January 31, 2013, at 10:00 a.m. the Georgia Environmental Finance Authority (GEFA) held a public meeting on the 2013 Intended Use Plan for the Clean Water & Drinking Water State Revolving Funds. The meeting took place in the GEFA boardroom located on the 9th Floor of the Harris Tower at 233 Peachtree Street, Atlanta, Georgia 30303. GEFA posted the 2013 Clean Water Fundable Lists on its website prior to the public meeting and notified all stakeholders that the IUP was available for public review. The following individuals were in attendance for the meeting: Jason Bodwell, SRF Program Manager III, Michael Roberts, CWSRF Program Manager I, Jenerrah Byron, DWSRF Program Coordinator II and Sue Levin from GA EPD.

ATTACHMENT 11 - CWSRF Program Policies
CLEAN WATER STATE REVOLVING LOAN PROGRAM POLICIES
(WATER QUALITY PROJECTS)

1. PURPOSE

The purpose of the Georgia Environmental Finance Authority's (GEFA) water and solid waste loan programs is to provide affordable financing to local governments throughout Georgia to develop necessary environmental infrastructure that protects public health, preserves our natural resources and promotes economic development. GEFA sustains this mission through effective, efficient and prudent management of these public resources.

2. APPLICABILITY

Loan program policies govern the use of funds managed within:

- the Georgia Fund loan program;
- the Georgia Reservoir and Water Supply Fund loan program;
- the Clean Water State Revolving Fund (Clean Water SRF) loan program; and
- the Drinking Water State Revolving Fund (Drinking Water SRF) loan program.

3. SUB-PROGRAMS

GEFA operates several sub-programs within specific funds. These sub-programs include:

a. Georgia Fund

- ***Environmental Emergency Loan Program*** – GEFA operates an Environmental Emergency Loan Program to assist communities in financing improvements that are necessary to eliminate actual or potential public health hazards or violations of environmental regulations. To be eligible, the project must directly address system needs caused by an event that occurred within the past six months. The project must have a sense of urgency and cannot be caused by a lack of maintenance of the water or sewer system. Relevant terms are addressed in these policies.
- ***Interim Loan Financing Program*** – GEFA operates an Interim Loan Financing Program to assist local governments that have a known source of permanent financing for a water and sewer project but require financing for the construction period of the project. Relevant terms are addressed in these policies.

b. Georgia Reservoir and Water Supply Fund

- ***Governor's Water Supply Program*** – GEFA operates the Governor's Water Supply Program that assists local governments with developing new sources of water supply adequate to meet future water demands.

c. Clean Water SRF

- ***Land Conservation Loan Program*** – GEFA makes land conservation loans through the Clean Water SRF that achieve the objectives of the Georgia Land Conservation Program and the federal Clean Water Act (CWA).

4. ELIGIBLE RECIPIENTS

a. **Type of Entity:** GEFA may only make funding commitments to local governments and instrumentalities of the state, including any municipal corporation, county or any local water or sewer or sanitary district, and any state or local authority, board, or political subdivision created by the General Assembly or pursuant to the Constitution and laws of the state, or nongovernmental entity with an approved land conservation project.

b. **Minimum Recipient Qualifications:**

- i. *Qualified Local Government* – GEFA may only make funding commitments to municipalities and counties certified as Qualified Local Governments by the Georgia Department of Community Affairs (DCA).
- ii. *Service Delivery Strategy* – GEFA may only make funding commitments to municipalities, counties and authorities that are included in a DCA-verified Service Delivery Strategy. Additionally, the project for which the applicant seeks financing must be consistent with the verified strategy.
- iii. *State Audit Requirements* – GEFA may only make funding commitments to municipalities, counties and authorities that are in compliance with all state audit requirements.
- iv. *Metro Plan Compliance* – GEFA may only make funding commitments to municipalities, counties and authorities located within the Metropolitan North Georgia Water Planning District (MNGWPD) if the director of the Environmental Protection Division (EPD) has certified that the applicant/recipient is in compliance or is making a good faith effort to comply with all MNGWPD plans and/or enforcement measures.
- v. *Updated Building Codes* – GEFA may only make funding commitments to municipalities and counties that have adopted and enforce the provisions of O.C.G.A. § 8-2-3 relating to installation of high-efficiency plumbing fixtures.
- vi. *Current loan agreements* – GEFA may only make funding commitments to a current GEFA borrower if the borrower is in compliance with the existing credit documents (e.g. loan agreement and promissory note).
- vii. *Nongovernmental Entities* – GEFA may only make funding commitments to nongovernmental entities that are nonprofit organization with a primary purpose of permanently protecting or conserving land and natural resources, as evidenced by their organizational documents, consistent with O.C.G.A. § 12-6A-2(9.1).

5. ELIGIBLE PROJECTS

GEFA's loan programs can provide financing for a broad range of water, sewer, stormwater, non-point source pollution prevention and solid waste projects. Specific project eligibility varies by program. The types of projects eligible for financing from each program are listed under the respective program below. There are specific project eligibility requirements that apply to all GEFA financing. The minimum project requirements are listed below.

a. **The Georgia Fund** may finance these types of projects:

- **Water** – projects for the purposes of supplying, distributing, and treating water and diverting, channeling, or controlling water flow consistent with O.C.G.A. § 50-23-4(5)(A).
- **Sewer** – projects for purposes of collecting, treating, or disposing of sewage consistent with O.C.G.A. § 50-23-4(5)(B).

- **Solid Waste** – projects for the purposes of collecting, treating, recycling, composting, or disposing of solid waste consistent with O.C.G.A. § 50-23-4(5)(C).
- b. The Georgia Reservoir and Water Supply Fund** may finance these types of projects:
- Expanding existing water supply, amenity or flood control reservoirs for water supply;
 - Converting flood control or amenity reservoirs to water supply reservoirs;
 - Increasing safe yield of existing water supply reservoirs through the addition of pump storage capability;
 - Removing sediment from existing water supply reservoirs to increase safe yield;
 - Establishing new water supply reservoirs;
 - Interconnecting water systems for supply and/or supply redundancy;
 - Drilling new wells, including for direct potable use or streamflow augmentation that protects or enhances water supply;
 - Reopening inactive wells;
 - Desalination;
 - Developing aquifer storage and recovery capability;
 - Indirect potable reuse systems; and
 - Project planning, design and permitting.
- c. The Clean Water SRF** may finance projects consistent with the eligibility requirements contained in the Clean Water Act. Such projects include:
- Projects for purposes of collecting, treating, or disposing of sewage under section 212 of the CWA.
 - Projects for the implementation of a nonpoint source pollution control management program under section 319 of the CWA, including projects for the purpose of permanently protecting conservation land as defined by O.C.G.A. § 12-6A-2(5).
 - Projects for the development and implementation of an estuary conservation and management plan within areas consistent with section 320 of the CWA.
- d. The Drinking Water SRF** may finance projects consistent with the eligibility requirements contained in Safe Drinking Water Act (CFR 35.3520). Such projects should address present or prevent future violations of health-based drinking water standards or be needed to maintain compliance with existing national primacy drinking water regulations for contaminants with acute chronic health effects. Such projects include:
- Installation or upgrade of facilities to improve the quality of drinking water;
 - Installation or replacement of transmission and distribution pipes to improve pressure or prevent leaks or breaks;
 - Rehabilitation of wells or development of new water sources to replace contaminated sources;
 - Installation or upgrade of storage facilities;
 - Consolidation of water systems; and
 - Creation of a new water system.
- e. Minimum Project Eligibility Requirements Under all GEFA Loan Programs**
- i. EPD must deem the project environmentally acceptable.
 - ii. Any proposed reservoir project must conform to the standards and procedures outlined in O.C.G.A. § 12-5-472(b).

- iii. As required by the Georgia Comprehensive State-wide Water Management Plan, all financing for multi-jurisdictional reservoir projects will be contingent upon all parties signing binding water use agreements.

f. Minimum Project Eligibility Requirements Under the Federal State Revolving Fund Programs

In addition to meeting the other applicable eligibility requirements outlined in these policies, projects receiving funding through the Clean Water SRF or the Drinking Water SRF must comply with all applicable federal statutes, rules and regulations. These requirements include, but are not limited to:

- i. Each project must be included in an Intended Use Plan submitted by GEFA to the U.S. Environmental Protection Agency (EPA).
- ii. Each project must successfully complete the State Environmental Review Process, administered by EPD and receive a Notice of No Significant Impact or Categorical Exclusion.
- iii. Each recipient must certify it meets the requirement of the Title VI, Civil Rights Act by completing EPA Form 4700-4.
- iv. Each project must comply with applicable federal procurement and labor rules, including the Disadvantaged Business Enterprise rules and Davis-Bacon requirements.

6. ELIGIBLE ACTIVITIES

Recipients of GEFA financing may use GEFA funds to pay for the following activities related to an eligible project:

- Feasibility analysis
- Project design
- Construction, grading, site preparation, dredging, etc.
- Land acquisition needed for project implementation
- Stream or wetland mitigation
- Administrative and/or legal services
- System purchase

Engineering, Legal and Administrative Costs – GEFA funds may be utilized for engineering, design, administrative costs, facilities planning, and land acquisition provided that these costs are necessary for the completion of the project defined by the scope of work and identified in the budget of the approved loan agreement. Such eligible costs incurred prior to the execution of a loan agreement are eligible for reimbursement with a GEFA loan. GEFA funds should not be applied to such costs in greater proportion than GEFA funds are applied to construction costs. GEFA and EPD will monitor project budgets and a test of reasonableness will be applied to these project cost items. This is done to ensure that GEFA funds are utilized in construction to the maximum extent feasible.

Planning-Only Activities – Loans for planning-only activities, where feasibility studies, engineering, design, administration, facilities planning or mitigation, etc. will be undertaken for a speculative project are allowable under the Georgia Reservoir and Water Supply Fund only.

Purchase of Existing Systems – An application that proposes to purchase an existing water and/or wastewater system must be accompanied by a certification of the value of the system by a registered professional engineer. GEFA will require other information as needed to document the content and costs of the purchase.

GEFA's loan agreement provides additional information about activities for which a borrower may or may not use GEFA funds.

7. PROGRAM MAXIMUMS

Loans available from GEFA are subject to the following maximums.

a. Loan Amount

- i. *Georgia Fund*
 1. The maximum loan amount is \$10,000,000 per borrower per year.
 2. The maximum loan amount for environmental emergency loans through the Georgia Fund is \$300,000 per project.
 3. The maximum loan amount for interim loan financing is \$3,000,000 per project.
- ii. *Georgia Reservoir and Water Supply Fund*
 1. The maximum loan amount will be determined based on availability of funds.
 2. The maximum loan amount for planning-only loans through the Water Supply Fund is \$3,000,000 per borrower per year.
- iii. *Clean Water SRF* – The maximum loan amount is \$25,000,000 per borrower per year.
- iv. *Drinking Water SRF* – The maximum loan amount is \$25,000,000 per borrower per year.

b. Amortization Period

- i. *Georgia Fund*
 1. The maximum amortization period is 20 years.
 2. The maximum amortization period for environmental emergency loans through the Georgia Fund is 10 years.
- ii. *Georgia Reservoir and Water Supply Fund*
 1. The maximum amortization period is 40 years.
 2. The maximum amortization period for planning-only loans through the Water Supply Fund is 10 years.
- iii. *Clean Water SRF* – The maximum amortization period is 20 years.
- iv. *Drinking Water SRF* – The maximum amortization period is 20 years.

8. INTEREST RATES

GEFA will index the interest rates it charges to the true interest cost rate (to the nearest hundredth of one percent) received by the state on its most recent 20-year, competitively-bid, general obligation bond issue. This is GEFA's benchmark rate. GEFA will charge this rate for all full-term loans, though any of the standing interest rate adjustments described below may apply. A full-term loan means a loan with a term of 20 years or the maximum allowable amortization period, whichever is shorter.

Federal Loans – For loans made through the Clean Water SRF or the Drinking Water SRF, GEFA will charge an interest rate that is 100 basis points (1 percent) below GEFA’s benchmark rate or 3.00 percent, whichever is lower.

Land Conservation Loans – For loans made through the Clean Water SRF under the Georgia Land Conservation Program, GEFA will charge an interest rate that is 150 basis points (1.5 percent) below GEFA’s benchmark rate or 3.00 percent, whichever is lower.

Shorter-term Loans – GEFA may charge lower interest rates for loans with terms less than 20 years. These interest rates will be indexed to the true interest cost rate (to the nearest hundredth of one percent) received by the state on its most recent 20-year, competitively bid, general obligation bond issue for similar length maturities. On shorter-term loans, GEFA shall prorate any applicable interest rate concessions and GEFA shall maintain a minimum allowable interest rate. GEFA shall maintain and publish a list of available interest rates for shorter-term loans.

Interest Rate Concessions – GEFA provides the following interest rate concessions for eligible borrowers or eligible projects under the specified funding programs.

Concessions Available in the Georgia Fund and Georgia Reservoir and Water Supply Fund

WaterFirst – Communities that receive the WaterFirst designation from DCA may receive an interest rate 100 basis points (1 percent) below GEFA’s benchmark rate for a full-term loan.

Communities of Opportunity – Communities designated as a Community of Opportunity by DCA may receive an interest rate 50 basis points (1/2 of one percent) below GEFA’s benchmark rate for a full-term loan.

Environmental Emergency - Environmental Emergency Loans may receive an interest rate 200 basis points (2 percent) below GEFA’s benchmark rate for a full-term loan.

Concessions Available in the Georgia Fund, the Clean Water SRF and the Drinking Water SRF

Water Conservation Loans – Communities seeking financing for an eligible water conservation project (identified in the applicable GEFA literature on financing water conservation) may receive an interest rate 100 basis points (1 percent) below the prevailing interest rate for the program through which it is to be funded, as provided for in these policies.

Interest Rate Concessions Limitations – The interest rate concessions described above may not be used in combination on the same portion of a loan. GEFA reserves the right to limit such rate concessions as it deems appropriate under the circumstances at the time such concession is granted. The interest rate concession may be reverted or changed back to the nominal interest rate under certain circumstances, such as a community no longer qualifies for the applicable designation listed above or an event of default by the community has occurred as defined in the loan agreement. Under such circumstances, the interest rate concession will terminate and the community will become liable for the stated, nominal interest rate existing at the time the loan was approved by the GEFA board. Said nominal rate will go into effect from that point forward and not be implemented on a retroactive basis. Interest rate discounts are approved by the GEFA board at the time of loan or loan increase

approval and are not retroactively applied after board approval.

Special Loan Terms – the GEFA board may approve loans with different interest rates or specialized terms (e.g., principal forgiveness) consistent with specific program objectives and/or relevant federal requirements.

9. FEES

GEFA will assess certain fees to loan recipients.

Loan Closing Fee – GEFA will charge a loan closing fee of one percent of the principal loan amount (as designated in the loan agreement) for each loan. For loans under the Interim Loan Financing Program, GEFA will charge a loan closing fee of one-half percent of the principal loan amount (as designated in the loan agreement) for each loan. This loan closing fee is payable on the dates specified by GEFA with no less than 30 days prior written notice.

Loan Servicing Fees – Under specific circumstances, GEFA will charge the following loan servicing fees:

- GEFA will assess a non-sufficient funds fee (NSF) in the event the borrower fails to have sufficient funds in its designated ACH account at the time the payment is due.
- GEFA will assess a late fee for any payment not received by the fifteenth of the month in which the payment is due. This will be in addition to any NSF fees assessed in the same month.
- GEFA will assess a monthly loan continuation fee in the event the borrower fails to draw funds within six months of loan agreement execution.

For specific details related to these fees, refer to the GEFA Loan Servicing Fee Schedule that appears in Appendix A.

10. LOAN SECURITY

For purposes of securing its loans, GEFA shall require a revenue and full-faith-and-credit pledge of each borrower and any other special loan condition it may deem necessary (e.g. debt service reserve, etc.). For borrowers, such as authorities, that lack taxation authority or lack adequate taxation authority to provide a full-faith-and-credit pledge commensurate with the value of the loan, GEFA will require those borrowers to sign an agreement with a local government that is willing and able to provide a full-faith-and-credit pledge to back the loan. In those cases where the borrower is unable to secure such an agreement, GEFA may provide for adequate security by other means.

If GEFA determines that the aggregate outstanding principal balance of loans to a borrower poses a security risk for GEFA, GEFA may require additional security related to the approval of new loans.

11. PROCUREMENT

Procurement of construction contracts, construction services, materials, and equipment in GEFA financed projects must be public, open, and competitive, as defined by both state law and the procurement requirements of GEFA funding contracts. Funded construction must meet the requirements of both state law and GEFA funding contracts.

12. CONSTRUCTION PERIOD INTEREST

Unless otherwise specified in the promissory note, GEFA will accrue interest on any funds disbursed during the construction period of the project, at the interest rate approved by the GEFA board, and bill the borrower for this interest monthly until the loan goes into repayment.

13. RELEASE OF GEFA FUNDS

Borrowers may request payouts of funds/draws on a monthly basis with only one draw request permitted per calendar month. Requests must be submitted on GEFA drawdown forms. All requests must be accompanied by appropriate support documentation (e.g. invoices).

EPD will monitor construction and endorse GEFA payments in accordance with observed progress. Payments will be conditional on compliance with loan or grant agreement requirements and applicable project approvals issued by EPD. To allow monitoring, the loan or grant recipient must notify EPD prior to commencing construction. Drawdown requests will not be paid until a notice to proceed has been issued. GEFA may, at its option and on request by the borrower, pay out funds for eligible land acquisition (including easements) before the notice to proceed has been issued.

GEFA will pay out its funds in accordance with the project budget in the loan or grant agreement on a reimbursement basis. If the budget reflects additional funding sources and proportional payment of specific budgeted costs, GEFA will pay toward those expenses according to the budget reflected in the approved budget, unless otherwise agreed upon by GEFA, EPD and the borrower.

14. LOAN EXECUTION DEADLINE

If the loan agreement and/or promissory note are not executed within six months (180 days) from the date

of the board approval, GEFA reserves the right to terminate its commitment.

15. LOAN RESTRUCTURING

For the purpose of this policy, loan restructuring is the act of changing the terms and/or conditions of an existing loan. The range of restructuring options may include adjusting the interest rate of a loan, changing the amortization period of a loan, or changing the repayment schedule to adjust allocation between interest and principal. GEFA will consider a borrower's request to restructure its existing GEFA loan(s) on a case-by-case basis if the borrower is experiencing financial hardship. In evaluating a restructuring request, GEFA will consider at least the following indicators of financial hardship:

- The borrower's debt service coverage ratio over the last several years
- The type and extent of efforts undertaken by the borrower to improve its financial condition, including enhancing revenues from rate increases or raising of ad valorem taxes and/or reducing costs
- Any emergency or exigent circumstances beyond the control of the borrower that impose a long-term and severe financial hardship.

In reviewing a restructuring request, GEFA will seek to determine that there is a documented history of prudent fiscal and operational management and expense control.

In the event that GEFA grants a concession or alters the term(s) of the loan agreement and/or promissory note, GEFA reserves the right to make such concession for a limited period of time and to revert to the original term(s) of both documents at its sole discretion.

Under no circumstances will the existing principal of a loan be forgiven.

16. LOAN REFINANCING

For the purpose of this policy, loan refinancing is the act of using loan funds to pay off an existing debt obligation, thereby satisfying all the terms of the existing debt agreement and cancelling the existing obligation. Existing local debt obligations could be GEFA debt or non-GEFA debt, loans or bonds. GEFA will consider a community's request to refinance its existing debt on a case-by-case basis if one of the following conditions is met:

- The community has a U.S. Department of Agriculture Rural Development loan that has been called.
- The community is requesting a loan from GEFA to finance an eligible, time-sensitive and critical project, but needs to consolidate some existing GEFA debt into the new loan in order to afford the new project.
- The community is requesting to refinance loans to alleviate financial hardship and can demonstrate that refinancing is superior approach to loan restructuring. In evaluating a financial hardship refinancing request, GEFA will evaluate the same financial hardship indicators outlined in policy provision 15 (Loan Restructuring).

17. CREDIT ANALYSIS

GEFA will assess the credit worthiness of each borrower. GEFA considers the revenue generated by the enterprise fund that services the water supply facility and/or system to be the primary source of repayment. GEFA will also consider revenues from other sources, such as “take-or-pay” contracts, rental obligations and/or third party guarantees to make loan payments. GEFA reserves the right to assess the credit worthiness of the counterparty of any of these arrangements (i.e. contract counterparty, lessee, or guarantor). Additionally, GEFA will consider transfers (subsidies) from other funds of the applicant, though it is the demonstrated revenues of the system that constitute the main source of repayment of the GEFA loan. GEFA will base its financial capacity analyses on the strength of the fixed coverage ratio of the fund responsible for repayment. Unless otherwise specified, the minimum requirement for satisfaction of the financial capacity threshold is a pro forma coverage ratio of at least 105 percent in the first full year of loan repayment and until full repayment of the loan. Additional consideration is given to the applicant’s historical financial performance, operating efficiency, capital structure, and loan credit history.

If revenues are projected to be insufficient to adequately cover the operating expenses plus debt service into the future, GEFA may condition the award of the loan upon meeting certain conditions such as rate increases, creation of a debt service reserve account, transfers into or curtailment of transfers out of the fund. In the event a local government does not meet typical debt service coverage of 105 percent, the loan may still be approved by the board under certain conditions.

In some instances, there may not be an enterprise fund for GEFA to analyze; in those cases, at its discretion, GEFA will consider all relevant financial capabilities of the applicant in determining their ability to repay the note and may need to alter standard loan terms or require special conditions for receiving the loan.

The revenue coverage analysis will cover both historical financial performance and future financial performance that estimates changes in revenues and expenses. Historical financial performance is derived from audit reports of the applicant. Projected cash flows are based on information in the applicant’s loan application, engineering reports, historical trends, population growth projections, discussions with community representative, and new ordinances.

If an audit report(s) is qualified, contains adverse opinions, or significant findings by the applicant’s auditor, GEFA may request further documentation. GEFA will evaluate such audits and related documentation in determining an applicant’s eligibility for a loan. GEFA may deny an applicant with an audit report containing significant audit findings. An applicant will not be considered for a loan if they are not in compliance with the requirement of the Georgia Department of Audits and Accounts (DAA) to complete an audit within six months of the applicant’s fiscal year end.

GEFA Loan Servicing Fee Schedule

1. **Non-sufficient funds fee (“NSF”):** GEFA will assess a NSF fee equal to \$50 each time it initiates an ACH debit for payment due that is denied due to insufficient funds in the borrower’s designated ACH account. The payment due may be for any type of payment due under the credit documents including closing fees, construction interest, monthly principal and interest payments or any other fee. GEFA will charge the NSF fee to the borrower for each loan for which payment is due and not available. GEFA will assess the NSF fee a maximum of two times per month for each loan for which payment is due. The fee assessment procedure is as follows:
 - a. GEFA will debit the borrower’s designated ACH account to satisfy the monthly payment on the first of each month. If funds are not sufficient, GEFA will assess the borrower the NSF fee and notify the borrower that it had non-sufficient funds in its designated ACH account to satisfy the payment due. GEFA will give the borrower until the next business day to ensure the account has sufficient funds to satisfy the payment due (including fees).
 - b. GEFA will debit the borrower’s designated ACH account again, one business day after abovementioned notice to satisfy the monthly payment due and the NSF fee (payment plus NSF fee). If funds are not sufficient, GEFA will assess the borrower the NSF fee a second time and notify the borrower that it had non-sufficient funds in its designated ACH account to satisfy the payment due (second notice). GEFA will give the borrower until the next business day to ensure the account has sufficient funds to satisfy the payment due (including fees).
 - c. GEFA will debit the borrower’s designated ACH account again, one business day after abovementioned second notice to satisfy the monthly payment due and the NSF fee (payment plus two NSF fees). If funds are not sufficient, GEFA will notify the borrower that it had non-sufficient funds in its designated ACH account to satisfy the payment due. GEFA will require the borrower to notify GEFA when it will have sufficient funds in its designated ACH account to satisfy payment due.
 - d. If the borrower does not notify GEFA that it has sufficient funds in its designated ACH account in time for GEFA to successfully debit the borrower’s designated ACH account by the fifteenth of the month in which the payment is due, GEFA will also assess a late fee (see next provision).
2. **Late Fee:** GEFA will assess a late fee equal to the greater of \$250 or five per cent (5%) of the outstanding payment due for any payment not received by the fifteenth of the month in which the payment is due. This fee will be in addition to any NSF fees assessed in the same month.
3. **Loan Continuation Fee:** GEFA will assess a loan continuation fee equal to the lesser of \$3,000 or one tenth of one percent (.10%) of the maximum amount of the loan, in the event the Borrower fails to request and receive a loan advance within the time period specified in the underlying loan agreement (see section 4 of loan agreement). This loan continuation fee will be communicated to the borrower and debited (via ACH) from the borrower’s designated ACH bank account every month thereafter until the borrower makes an initial draw of funds from the loan for the project or notifies GEFA in writing that it wishes to revert the loan commitment. All fees paid to date on any reverted loan commitment will not be refunded, but the borrower may re-apply for another loan for this or any other project.