

STATE OF TEXAS

Annual Report

Clean Water State Revolving Fund

www.twdb.texas.gov/financial/programs/CWSRF



SFY 2019

TEXAS WATER DEVELOPMENT BOARD
PO BOX 13231 ■ AUSTIN, TX 78711

COVER PHOTO

Fort Worth Village Creek Reclaim Plant, Pumps at Pump Station Head Works

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- A. Letter to EPA regarding the “CPA to Go” Initiative
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1 Executive Summary

The purpose of the Texas Clean Water State Revolving Fund (CWSRF) is to provide low-cost financing for a wide range of wastewater, stormwater, reuse, and other pollution control projects. Funding for eligible applicants comes from a combination of state funds and the federal capitalization grant from the Environmental Protection Agency (EPA). Funding through the CWSRF goes towards addressing needs in the areas of primary, secondary, and advanced treatments, recycled water distribution, new collector sewers, and sewer system rehabilitation as set forth in the Clean Water Act (CWA).

The Texas Water Development Board (TWDB) provides this report to summarize the annual activities, achievements of goals, requirements met, and obligations made as set forth in the State Fiscal Year (SFY) 2019 Intended Use Plan (IUP) for the CWSRF program. This report describes the progress made toward short-term and long-term goals, the financial status of the CWSRF, and compliance with federal CWSRF requirements during SFY 2019, which was from September 1, 2018, through August 31, 2019.

The SFY 2019 IUP described the intended uses of the funds available in the CWSRF financial assistance program and detailed how Texas planned to commit available funds. To comply with the federally mandated program requirements of priority ranking, those eligible entities interested in assistance were required to submit a project information form by March 3, 2018, to be added to the Initial Invited Projects List and be included in the first round of invitations for funding. TWDB staff reviewed, scored, and ranked all submissions based on the requirements set forth in TWDB rules and criteria established for SFY 2019. The Initial Invited Projects List was created based upon project ranking and the established criteria.

During this SFY, the TWDB maintained an open IUP throughout the year to enable all interested parties to submit a project information form for inclusion on the Project Priority Lists. Applications from the initial round of invitations were based upon project ranking if the application was submitted by the established deadline. Following the initial round of invitations, all eligible projects were invited to apply for assistance and funding was awarded on a first-come, first-served basis. The interest in the CWSRF program for SFY 2019 was evidenced in the receipt of 127 project information forms from eligible applicants for projects totaling approximately \$1.1 billion.

The TWDB continues to pursue program initiatives to protect public health and improve the quality of the state's water bodies. During SFY 2019, the TWDB provided Emergency Relief financial assistance and to seven systems to cover rebuilding efforts and to implement mitigation strategies. The funding was provided to communities requesting assistance for infrastructure damaged by Hurricane Harvey, moving infrastructure out of floodplains, and other solutions to emergency situations. These efforts ensured that communities had access to low-cost financial assistance to meet their most dire needs.

The Federal Fiscal Year (FFY) 2018 Appropriations authorized a \$73,361,000 federal capitalization grant that was used for the SFY 2019 IUP. The TWDB set the SFY 2019 CWSRF program capacity at \$525,000,000. Applicants for equivalency project funding, those that required compliance with all federal cross-cutter requirements, were able to receive an interest rate subsidy of 165 basis points below market rates. Non-equivalency projects, those that did not need to comply with all the federal requirements, were able to receive an interest rate subsidy of 130 basis points below market rates.

In addition to the EPA capitalization grant, the Texas CWSRF utilizes additional state funding sources to increase the program capacity. The additional available resources include the required state match of 20% of the grant, principal repayments from previous CWSRF loans, interest and investment earnings, and, as necessary, revenue bonds issued by the TWDB to fund project demand in excess of available cash on hand. During SFY 2019, the TWDB made 57 CWSRF commitments totaling over \$346 million.

The TWDB continues to strive to improve our financial assistance programs to ensure applicants have access to the cost savings associated with utilizing these programs to advance safe wastewater infrastructure for all Texas citizens.

2 Goals and Achievements

The primary goal of the CWA and the Texas CWSRF program is to restore and maintain the chemical, physical, and biological integrity of the state's waters by preventing the discharge of pollutants. The CWSRF program strives to prevent the discharge of pollutants from point and nonpoint sources; identify and provide funding for maintaining and/or bringing publicly owned treatment works into compliance with EPA clean water standards; to support affordable and sustainable wastewater treatment processes; and to maintain the long-term financial health of the program.

The Texas CWSRF program is available to provide financial support to achieve these goals. The TWDB provided effective and efficient administration of the CWSRF program, offering below-market interest rates, long-term financing, and principal forgiveness to assist entities in protecting the water quality of the State of Texas. The following sections detail the TWDB's progress in meeting the short and long-term goals established in the IUP.

Short-Term Goals of the Texas CWSRF Program

1. *Encourage the use of green infrastructure and technologies by offering principal forgiveness for green projects that address water efficiency, energy efficiency, mitigation of stormwater runoff; or encourage sustainable project planning, design, and construction.*

During SFY 2019, Congress required the TWDB to expend at least 10% of the capitalization grant, or \$7,336,100, via a Green Project Reserve to approved green project costs. In order to achieve this goal, the TWDB offered additional subsidy assistance to projects that contained green

components equal to or greater than 30% of their total project costs. For more information on projects indentified for Green Project Reserve goals and Green Subsidy amounts, please see Appendix A, Table 1.

- 2. Offer terms of up to 30 years for planning, acquisition, design, and/or construction in accordance with TWDB determined guidelines and the CWA.*

Of the closings made during SFY 2019, 21 projects took advantage of terms greater than 20-years. Details on loan terms for these projects may be found in Appendix B.

- 3. Provide financing to communities listed in the IUP that are under enforcement orders to meet the deadlines for compliance with the CWA.*

Of the applications submitted during SFY 2019, nine were mitigating issues identified in enforcement orders.

- 4. Continue to utilize the strength of the CWSRF to enhance the Drinking Water State Revolving Fund (DWSRF) by cross-collateralizing the programs in accordance with state and federal law.*

During SFY 2015, the TWDB secured approval from the State Legislature during the 84th Legislative Session to cross-collateralize the CWSRF with the DWSRF. During SFY 2019, the TWDB did not have to issue bonds for either program. The corpus of the CWSRF was enough to meet the needs of the projects requesting funding.

- 5. Enhance our current level of outreach on the State Revolving Fund (SRF) programs by hosting regional financial assistance workshops in conjunction with the continued use of social media.*

The TWDB hosted nine Financial Assistance workshops during SFY 2019. Additionally, staff from the agency's regional project development teams participated in various outreach opportunities throughout the state at conferences, regional planning meetings, and one-on-one meetings with individual entities/authorities. The topics discussed during the workshops and outreach opportunities covered all TWDB financial assistance programs, the IUP process, the project information form submission, CWSRF federal requirements and program changes, specific project related questions and answers, and general outreach. A map showing workshop locations is included as Appendix A-19.

The TWDB's outreach team continues to conduct additional customer assistance. The use of social media continues to grow at the TWDB with increasing numbers of followers on Facebook, Twitter, LinkedIn, YouTube, and Instagram. TWDB Board members and staff continually share information on various social media sites.

- 6. Offer financial assistance with an interest rate of zero percent to projects that qualify for Emergency Relief funding.*

The TWDB offered Emergency Relief funding to qualifying projects in the form of zero percent interest rate financing. By offering this funding, the objective was to assist communities in the replacement or rehabilitation of essential wastewater treatment facilities that pose an imminent peril to public health, safety, environment, or welfare and threat of failure in response to emergency conditions. During SFY 2019, the TWDB committed funds to two projects meeting these criteria totaling \$10,015,000.

Long-Term Goals of the Texas CWSRF Program

1. *Maintain the fiscal integrity of the CWSRF in perpetuity.*

The fiscal integrity of the fund was monitored through ongoing cash flow and capacity analyses. Efficient and effective use of program resources remained a top priority of the program, especially given the economic pressure of the rising interest rate market. Prepayments are evaluated on a case-by-case basis to determine the best use of the assets to maintain the program for perpetuity. When possible, prepayments were used for new loans, thereby reducing the need for leveraging. At other times, the prepayments were used to call program debt, in line with federal regulations, to maintain high cash flow coverage.

The capability of the CWSRF program to meet future generations' needs is enhanced by the TWDB's AAA credit rating from the three major rating agencies. Staff conducted regular reviews of the credit ratings of the borrowers, their insurers (if any), and the portfolio concentration and makeup, thereby ensuring adequate management of any risks to the program. Interest rates were set at levels below current market rates to promote more affordable projects, yet at a sufficient level necessary to maintain the fiscal integrity of the fund.

2. *Employ the resources of the CWSRF in the most effective and efficient manner to prevent the discharge of pollutants into the state's waters, assist communities in maintaining compliance with EPA's clean water standards, and maintain a strong financial assistance program that is responsive to changes in the state's priorities and needs.*

During SFY 2019, the TWDB funded 20 projects totaling \$110,483,695 that will assist communities in achieving or maintaining compliance with their discharge permits and EPA's clean water standards. While the program has ample lending capacity to satisfy demand, it has established a priority rating system that directly supports the goals of the CWA. The priority rating system addresses enforcement issues, systems that are nearing their permitted treatment and discharge capacities, projects addressing more stringent standards, the mitigation of water quality issues identified in the Texas Watershed Action Planning Strategy, and other factors that directly improve the state's water quality.

3. *Assist borrowers in complying with the requirements of the CWA by meeting the demands for funding eligible projects by providing financial assistance with interest rates below current market levels and with Additional Subsidization in the form of principal forgiveness.*

The TWDB provided funding commitments during SFY 2019 to all eligible projects that submitted an application for assistance, thereby ensuring those publically owned treatment works within the state achieved or maintained compliance with the CWA. One nonpoint source pollution project received a funding commitment. No projects were submitted for estuary management.

To encourage use of the CWSRF, reductions from market interest rates on financing were provided to recipients in the form of a 165 basis points reduction for equivalency projects and a

130 basis points reduction for non-equivalency projects. The resulting effects were substantial cost savings for the communities. To provide additional savings to disadvantaged communities, green, and emergency projects, the TWDB allocated \$28,600,000 as additional subsidy in the SFY 2019 Intended Use Plan. During SFY 2019, 18 projects were allocated funding totaling over \$17 million that included this additional subsidy to further the objectives of the Clean Water Act.

4. *Support the development of Publicly Owned Treatment Works (POTW) and other systems that employ effective utility management practices to build and maintain the level of financial, managerial, and technical (FMT) capacity necessary to ensure long-term sustainability.*

The TWDB promotes systems that employ effective utility management practices through our priority rating system by awarding points to wastewater systems that have or will create an asset management plan, train their governing bodies and employees on asset management planning, propose projects that address specific targets, goals, or measures in a water conservation and/or drought contingency plan, and/or address specific goals in a system-wide or plant-wide energy assessment, audit, or optimization study.

The TWDB also started two programs to assist communities with effective financial, managerial, and technical capacity. The first is the Asset Management Program for Small Systems, or AMPSS. The program is intended to assist small, rural wastewater systems with the development and implementation of an asset management plan and other management tools through use of program funds. The second is the “CPA to Go” Initiative. The TWDB will contract with Certified Public Accountants (CPA) to provide auditing and technical assistance services to designated recipients with the intent to assist struggling communities maintain adequate compliance with the requirements of the CWSRF. Further details are available in Program Initiatives, Asset Management Program for Small Systems (AMPSS) and CPA to Go Initiative, respectively.

3 Subsidies to Promote Sustainability

According to EPA guidance, among projects with comparable public health and water quality benefits, priority for construction financing subsidies should be given to communities that could not otherwise obtain financing for the following purposes:

- Projects that are based on a “fix it first” approach that focuses on system upgrade and replacement in existing communities;
- Investigations, studies, or plans that improve the technical, financial, and managerial capacity of the assistance recipient to operate, maintain, and replace financed infrastructure; and
- Preliminary planning, alternatives assessment, and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conservation of natural resources, and alternative approaches to integrate natural or “green” systems into the built environment.

During SFY 2019, the TWDB prioritized the use of additional subsidization for those entities that met EPA’s guidance criteria. Disadvantaged communities were allocated most of the available

subsidy for system upgrades and replacements. The TWDB made available \$17,000,000 of additional subsidy for qualified disadvantaged communities. An additional \$2,000,000 were initially made available to Small/Rural disadvantaged communities. The other components of this guidance were fulfilled in part by awarding additional points in the project ranking criteria for entities implementing effective management that will contribute to sustainable operations. The EPA's sustainability strategy, which included financing alternative approaches that integrate a green component into the existing system, was prioritized through an additional subsidy for green costs. The TWDB made available \$4,600,000 of the amount required in additional subsidy for green projects in the form of principal forgiveness. Applicants with proposed project components that qualified as green were eligible for an additional subsidy in the form of principal forgiveness, described in further detail in Section 4, Green Project Reserve.

Details of the subsidies provided are shown in Appendix A, Table 1.

4 Green Project Reserve

The Green Project Reserve, or GPR, required an amount equivalent to a specified portion of the capitalization grant allotment must be offered to projects that address green infrastructure, water efficiency, energy efficiency, or other environmentally innovative activities. The EPA defined innovative environmental activities as those that demonstrated new or innovative approaches to prevent or remove water pollution in an economically and environmentally sustainable way.

The TWDB designated projects as green in the IUP based upon designation by the entity and a review of the initial information submitted demonstrating their green components. The TWDB developed a green project information worksheet to facilitate a uniform approach to providing the information proving eligibility. The form also counted as a business case. All eligible projects considered as having green components received an invitation to apply for financial assistance.

In order to maximize our efforts to fund green projects, the TWDB's GPR solicitation plan consisted of the following:

- **Subsidy** – To encourage funding of green projects, the TWDB allocated 6% of the capitalization grant, or \$4,600,000, as a targeted subsidy for green project costs. Eligible green projects were offered a subsidy in the form of loan forgiveness for 15% of the green project costs, provided the green costs were at least 30% of the total project costs. The total subsidy may not exceed \$1 million.
- **Priority** – Green projects were prioritized throughout the ranking process. Projects eligible for a green subsidy were listed in the highest priority group in the ranking process. Further, projects that had green component costs were given preference in the ranking over projects without green component costs.
- **Bypass** – The IUP invitation process allowed the TWDB to bypass higher ranked projects in favor of projects containing green component costs. If projects with green components were invited to apply but subsequently failed to proceed, the TWDB offered the funding to other qualified Green Project Reserve projects on the priority list.

- **Invitations Exceeded the Green Project Reserve** – The TWDB extended invitations to all eligible green projects within the green categories: energy efficiency, water efficiency, green infrastructure, and environmentally innovative during the state fiscal year. The TWDB committed to fund \$66,614,121 in green project costs as of August 31, 2019.

Details of the Green Project Reserve are shown in Appendix A, Table 2.

5 Income from Program Fees

The TWDB assesses fees to recover administrative costs associated with the CWSRF. These fees are placed in a separate account held outside of the program funds. The fees are an assessment of 1.75% of the portion of the CWSRF financial assistance that is to be repaid and is assessed in full at closing.

For SFY 2019, the TWDB collected \$5,661,354 in CWSRF administrative fees. Fees are a source of revenue for financing CWSRF administration expenses. During SFY 2019, no funds were transferred from the fee account to the general fund for operations. The balance of funds within the fee account as of August 31, 2019, was \$71,024,783.08.

6 Method of Cash Draw

Of the available cash draw methods, TWDB utilizes the disbursement of the full amount of State Match first, then draws 100% Federal Funds from the capitalization grant.

The TWDB has demonstrated that the required state match has been deposited and utilized prior to drawing 100% federal funds.

In accordance with statute and the FFY 2018 Capitalization Grant, during SFY 2019, the TWDB deposited \$20,000,000 into the CWSRF on April 26, 2018, to fully meet its requirement to match an amount at least equal to 20 percent of the amount awarded in the capitalization grant. This match included \$5,327,800 in excess of the required state match, to be applied toward the FFY 2019 Capitalization Grant. Details of the state match are shown in Appendix A, Table 3.

7 Timely and Expeditious Use of Funds

The beginning balance of capitalization grants from older federal grants as of September 1, 2018, was \$1,318,937.02. This amount represented the administration allotment for the FFY 2017 capitalization grant. For the FFY 2018 capitalization grant of \$73,361,000, the available construction funds of \$69,154,900 were drawn in full by August 2019. Only \$2,090,606.84 of the administration allocation (\$4,206,100) remained by the end of the state fiscal year. Details of fund balances are shown in Appendix A, Table 4.

The TWDB closed on 40 projects totaling \$354,133,295. Additionally, 16 projects totaling \$108,406,708 began work while 6 projects totaling \$25,743,263 were completed. The TWDB has ensured that recipients of financial assistance make sufficient progress so as to reasonably ensure completion of their project within the project period.

During SFY 2019, the TWDB did not need to support either the CWSRF or DWSRF programs with an inter-fund loan or transfer of funds.

8 Program Initiatives

Additional Subsidization

The additional subsidization associated with the FFY 2018 grant that was allocated to closed projects and commitments totaled \$17,280,494 as of August 31, 2019. Details of the additional subsidization are shown in Appendix A, Table 1.

Disadvantaged Communities Funding

In SFY 2019, the TWDB closed on three disadvantaged projects totaling \$7,310,000. A disadvantaged community is a community that meets the CWSRF's Affordability Criteria based upon income, unemployment rates, and population trends. For details on the CWSRF Affordability Criteria, please see the SFY 2019 IUP, Appendix D, Affordability Criteria to Determine Disadvantaged Community Eligibility.

Nonpoint Source Coordination and Projects Funded

The TWDB met quarterly with two other state agencies that offer financial assistance for nonpoint source (NPS) projects under Section 319 of the Clean Water Act: The Texas Commission on Environmental Quality (TCEQ) and the Texas State Soil and Water Conservation Board (TSSWCB). The TCEQ and TSSWCB provided input on NPS funding needs from information gathered during the development of the Integrated Water Quality Report, Total Maximum Daily Loads, and Watershed Protection Plans. The TWDB used this information in the rating process to focus funding priorities on projects with the greatest environmental benefits.

For the SFY 2019 IUP, the TWDB applied separate rating criteria for NPS and estuary management projects. The SFY 2019 IUP reserved 7% of the total funds available, or \$36,750,000, for NPS and estuary management projects. Three eligible applicants, with project costs totaling \$14,173,000, were rated using the NPS criteria, were listed under the NPS category in the IUP, and were invited to apply for financing. As of August 31, 2019, one project has received a commitment to fund a NPS project. The TWDB did not receive any interest in estuary management financial assistance.

Application Process

The TWDB continued its invitation process whereby projects are invited in excess of the funding capacity available. The process operated such that limited time was given to applicants to respond to their invitation. This allowed those with projects further down the Project Priority List earlier access to program funds.

The first round of invitations included projects whose total costs exceeded the amount of the capitalization grant, as evidenced by the Initial Invited Projects List within the SFY 2019 IUP. Applications received by the initial deadline were considered in the priority order listed on the

Project Priority List. Thereafter, applications received were allocated funding on a first-come, first-served basis.

Additionally, the TWDB utilized an open IUP to allow for the addition of new projects at any time throughout the year. The open IUP encouraged entities with projects that were not on the initial list to apply at any time during the year. Once their project was added to the SFY 2019 IUP Project Priority List, invitations were extended for them to apply for funding.

Bypass of Projects on the Project Priority List

The SFY 2019 IUP, in accordance with CWSRF regulations, included a process to bypass higher ranked projects to ensure that funds available were utilized in a timely manner, and that statutory and capitalization grant requirements were met. Following the application process listed above, higher ranked projects that did not apply for financial assistance were bypassed by lower ranked projects that were ready to apply for financial assistance.

American Iron and Steel

To implement the requirements for American Iron and Steel, the TWDB included: (1) advising all CWSRF applicants of the need to comply with the American Iron and Steel requirements during pre-application meetings, via guidance documents, and the agency's website; (2) including a condition in TWDB resolutions requiring recipients of CWSRF financial assistance to comply with the American Iron and Steel requirements; (3) ensuring that all financial assistance agreements contain a clause mandating compliance with American Iron and Steel requirements; and (4) providing recipients with de minimis logs and certification forms.

Asset Management Program for Small Systems (AMPSS)

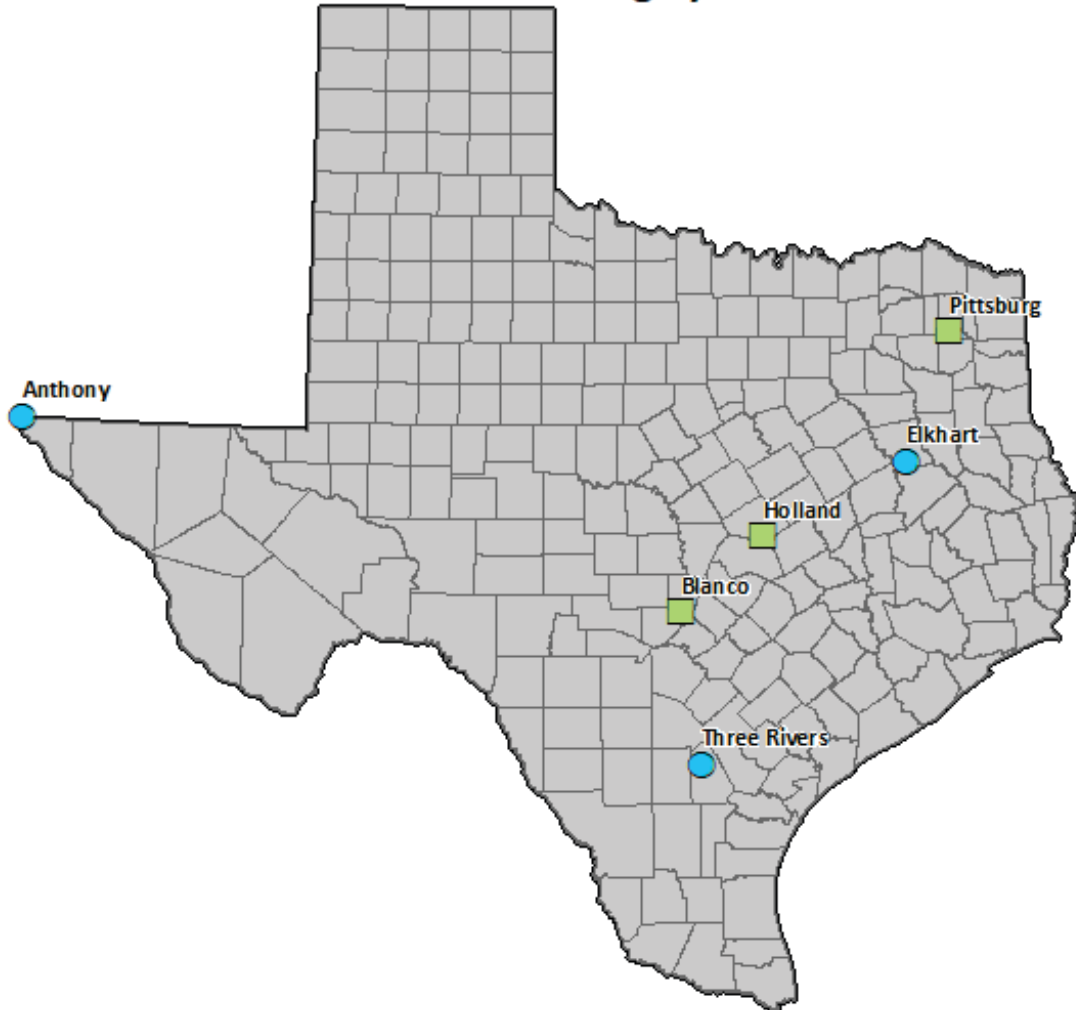
During SFY 2018, the TWDB began implementation of a pilot program for small systems to undertake asset management planning. The pilot program allows qualified contractors to work with six small water and wastewater system providers to create asset management plans including, but not limited to, an inventory of assets with replacement dates and estimated costs, best practices for operation and maintenance, and associated financial plans for obtaining funding to meet future needs. Funding for the pilot was obtained through use of the CWSRF and DWSRF origination fees. A total of \$450,000 was authorized for use. As of August 31, 2019, 2 communities had completed their asset management plans.

Details regarding the six communities to receive assistance are as follows:

<u>Benefitting Small System</u>	<u>Service Type</u>	<u>Engineer</u>	<u>Max. Amount</u>	<u>Source of Fees for Payment</u>
City of Holland	Wastewater	BSP Engineers, Inc.	\$75,000	CWSRF
City of Elkhart	Water	KSA Engineers, Inc.	\$75,000	DWSRF
City of Three Rivers	Water	LNV, Inc.	\$75,000	DWSRF
City of Blanco*	Wastewater	HR Green, Inc.	\$75,000	CWSRF
Town of Anthony*	Water	Parkhill, Smith & Cooper, Inc.	\$75,000	DWSRF
City of Pittsburg	Wastewater	KSA Engineers, Inc.	\$75,000	CWSRF
			\$450,000	

*an asterisk and green shading mean the asset management plan has been completed.

AMPSS Benefitting Systems



CPA to Go

Beginning in SFY 2019, the TWDB implemented a pilot program to assist CWSRF and DWSRF financial assistance recipients with auditing and technical assistance services. The aim is to help the recipient improve or maintain adequate compliance with State Revolving Fund program requirements. The TWDB will contract with Certified Public Accountants and assign them to assist with a recipient's tasks. Some examples of contracted activities include: monitoring compliance with financial instrument covenants, monitoring allowable costs and cost principles, financial reporting, advising recipients on the design and implementation of internal control procedures, and assisting recipients in the preparation of financial statements, among many others. A total of \$200,000 was authorized for use.

The TWDB will continue to report the program's effectiveness in subsequent CWSRF Annual Reports. Further details regarding the program may be found in Appendix A, Letter to EPA regarding the "CPA to Go" Initiative.

Efforts to Address Systems in Need of Emergency Relief

There were several natural disasters that have impacted the state during SFY 2019. Most of the emergency project funding requests received were related to flooding impacts on existing infrastructure. Projects dealt with flash floods to longer-term remediation following Hurricane Harvey's impacts from August 2017.

The TWDB continues to join with other state, federal, and local agencies to aid communities impacted by disasters. Through the CWSRF's Emergency Relief funding, the TWDB was able to make available principal forgiveness and zero-interest financing for damaged infrastructure. Detailed descriptions of Emergency Relief projects may be found in Appendix B, Descriptions of Closed Projects.

Financial Indicators

The table below represents key indicators of the financial health of the CWSRF program. The TWDB continues to annually review these indicators to ensure the program is keeping “pace” with the national benchmarks.

Financial Indicators (as of June 30, 2019)						
Financial Indicator						
NIMS Line #	Type	2015	2016	2017	2018	2019
<i>Federal Return on Investment</i>						
306	Annual	151%	238%	558%	443%	494%
307	Cumulative	314%	312%	319%	322%	327%
<i>Executed Loans as a % of Funds Available</i>						
308	Annual	54%	60%	205%	52%	70%
309	Cumulative	92%	91%	93%	91%	89%
<i>Disbursements as a % of Executed Loans</i>						
310	Annual	74%	100%	100%	100%	98%
311	Cumulative	99%	99%	99%	99%	99%
<i>Additional Loans Made Due to Leveraging</i>						
312	Annual	(191,919,801)	(107,632,903)	174,919,429	623,961	(155,652,608)
313	Cumulative	1,740,350,319	1,632,717,416	1,807,636,845	1,808,260,806	1,652,608,198
314	Cumulative Additional Loans as a % of Contributed Capital	72%	65%	70%	62%	55%
<i>Sustainability (retained Earnings) Excludes Subsidy</i>						
318	Annual	12,203,441	17,436,827	18,086,475	26,970,778	36,121,848
319	Cumulative	454,089,654	471,526,481	489,612,956	516,583,734	552,705,582
320	Cumulative Retained Earnings as a % of Contributed Capital	20.0%	20.3%	20.5%	19.1%	19.9%

9 Performance Evaluation Review Follow-Up

The CWSRF requires that states comply with Title VI, Section 606(e) of the Clean Water Act and 40 CFR 35.3165(c). The EPA conducts an annual Performance Evaluation Review (PER) to evaluate compliance with the program and grant requirements. The SFY 2018 PER onsite review was conducted April 29 – May 2, 2019. The review was based upon the TWDB SFY 2018 annual activity. For the review, there were interactive onsite discussions, file reviews, completion of the standardized national EPA checklists of program evaluation questions, and an analysis of the EPA Office of Chief Financial Officer's selected cash transactions. The PER was finalized on August 6, 2019. Overall, EPA found that TWDB is in compliance with Title VI, Section 606(e) of the CWA, 40 CFR 35.3165(c), and the capitalization grant conditions.

EPA did offer one recommendation to continue taking appropriate actions to fill the seven engineer vacancies within the TWDB's Regional Water Project Development (RWPD) Division.

The TWDB agrees strong economic conditions have presented hiring challenges for public and private sector employers in the Austin-area. Despite these vacancies, TWDB staff have worked diligently to maintain good customer service and remain in full compliance with SRF requirements.

Since the onsite review by EPA Region 6 staff, RWPD continues to conduct interviews for engineering positions. Recruitment efforts also include offering recruitment bonuses, telecommuting options, and placement of engineers in locations across the state. TWDB management also continues to explore the possibility of contracting for specific engineering services, potentially including tasks such as plan review and site visits for TWDB-funded projects.

The TWDB will continue to respond to market conditions with appropriate steps to fill the engineering positions in RWPD.

10 Compliance Statements

Compliance with FFY 2018 CWSRF Grant Agreement Conditions

The TWDB has complied with all administrative and programmatic conditions in the FFY 2018 CWSRF Capitalization Grant Assistance Agreement (Agreement). The Agreement was adhered to by the TWDB in an appropriate and expeditious manner in compliance with state and federal law. The TWDB understands the terms and conditions as set forth in the Agreement. Any proposed changes or necessary corrections were provided to EPA for appropriate Agreement Amendments.

State Statutes

The TWDB has complied with all applicable state laws pertaining to the TWDB's CWSRF program.

Appendix A: CWSRF SFY 2019 Tables

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IUP and/or Grant Targets	GPR: \$ 6,106,800		Minimum	\$ 6,106,800
			Maximum	\$ 18,320,400
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Acton MUD	\$ 644,500	\$ 630,000	\$ -	\$ -
Arlington	5,601,861	5,512,408	826,861	-
Eastland	7,599,660	5,564,403	834,660	-
Fort Worth	16,991,157	6,512,889	946,157	-
Grand Prairie	5,741,175	4,305,882	631,175	-
Hudson	4,295,908	-	-	560,908
Huntington	2,312,025	-	-	1,132,025
San Marcos	1,961,821	-	-	961,821
San Marcos	5,445,839	5,352,509	685,839	-
Vinton	16,731,454	-	-	11,646,454
Total Closed	\$ 67,325,400	\$ 27,878,091	\$ 3,924,692	\$ 14,301,208

Grand Totals	\$ 67,325,400	\$ 27,878,091	\$ 3,924,692	\$ 14,301,208
			Total Additional Subsidy: \$ 18,225,900	

Green Project Reserve and Additional Subsidization - 2018 IUP / 2017 Grant					
IUP and/or Grant Targets	GPR: \$ 6,059,800		Minimum	\$ 6,059,800	
			Maximum	\$ 24,239,200	
Recipient	Amount	Green	Green Subsidy	Disadvantaged	Emergency
Abilene	\$ 18,370,000	\$ 18,370,000	\$ -	\$ -	\$ -
Alamo	11,500,500	6,906,876	1,165,500	-	-
Arlington	5,470,000	5,375,200	806,300	-	-
Beechwood WSC	297,000	-	-	-	297,000
Bevil Oaks	500,000	-	-	-	500,000
Bridge City	491,000	-	-	-	491,000
Brookshire MWD	490,000	-	-	-	490,000
China	498,000	-	-	-	498,000
Cisco	5,872,700	5,229,785	784,500	3,538,200	-
DeKalb	600,000	-	-	-	600,000
Eules	4,515,000	3,258,300	473,300	-	-
Greater Texoma Utility Authority	234,219	-	-	69,219	-
Hardin Co WCID #1	438,000	-	-	-	438,000
Hurst	1,600,000	1,351,662	235,800	-	-
Kerr County	14,426,400	-	-	10,096,400	-
Llano	738,000	720,000	108,000	-	-
Nome	500,000	-	-	-	500,000
North Fort Bend WA	2,383,000	2,421,800	351,800	-	-
Orange Co DD	500,000	-	-	-	500,000
San Marcos	3,209,900	3,209,900	472,200	802,700	-
Total Closed	\$ 72,633,719	\$ 46,843,523	\$ 4,397,400	\$ 14,506,519	\$ 4,314,000
Rhome	\$ 2,500,000	\$ 1,450,000	\$ 147,400	\$ -	\$ -
Total Uncommitted	\$ 2,500,000	\$ 1,450,000	\$ 147,400	\$ -	\$ -

Grand Totals	\$ 75,133,719	\$ 48,293,523	\$ 4,544,800	\$ 14,506,519	\$ 4,314,000
			Total Additional Subsidy: \$ 23,365,319		

GPR = Green Project Reserve

Note: Additional Subsidization is provided in the form of principal forgiveness.

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Table 1 (Continued)						
Green Project Reserve and Additional Subsidization - 2019 IUP / 2018 Grant						
IUP and/or Grant Targets	GPR: \$	7,336,100	Minimum			\$ 7,336,100
			Maximum			\$ 29,344,400
Recipient	Amount	Green	Green Subsidy	Disadvantaged	Rural/Small	Emergency
Arlington	\$ 5,151,695	\$ 4,777,968	\$ 716,695	\$ -	\$ -	\$ -
Bevil Oaks	500,000	-	-	-	-	500,000
Brady	14,685,000	-	-	4,250,000	-	-
Dripping Springs	24,500,000	18,275,460	1,000,000	-	-	-
Grand Prairie	3,730,800	3,675,693	550,800	-	-	-
Hardin Co WCID	438,000	-	-	-	-	438,000
North Alamo WSC	4,995,000	-	-	-	-	500,000
Orange Co WCID #1	500,000	-	-	-	-	500,000
San Juan	9,207,000	-	-	2,562,000	-	-
San Juan	2,213,000	-	-	498,000	-	-
Total Closed	\$ 65,920,495	\$ 26,729,121	\$ 2,267,495	\$ 7,310,000	\$ -	\$ 1,938,000
Childress	\$ 1,264,999	\$ -	\$ -	\$ 374,999	\$ -	\$ -
Cleburne	41,985,000	19,250,000	1,000,000	-	-	-
Kerrville	500,000	-	-	-	-	500,000
Lubbock	20,635,000	20,635,000	1,000,000	-	-	-
Marlin	7,010,000	-	-	1,190,000	-	-
Roman Forest Consolidated MUD	6,155,000	-	-	-	-	500,000
Wolf City	4,760,000	-	-	-	400,000	-
Woodloch	800,000	-	-	-	-	800,000
Total Unclosed	\$ 83,109,999	\$ 39,885,000	\$ 2,000,000	\$ 1,564,999	\$ 400,000	\$ 1,800,000
Angelina & Neches RA	\$ 6,075,000	\$ -	\$ -	\$ 3,850,000	\$ -	\$ -
Conroe	500,000	-	-	-	-	500,000
Iola	10,950,000	-	-	-	500,000	-
Port Arthur	56,311,000	16,000,000	-	4,250,000	-	-
Total Uncommitted	\$ 73,836,000	\$ 16,000,000	\$ -	\$ 8,100,000	\$ 500,000	\$ 500,000
Grand Totals	\$ 222,866,494	\$ 82,614,121	\$ 4,267,495	\$ 16,974,999	\$ 900,000	\$ 4,238,000
					Total Additional Subsidy: \$ 26,380,494	

GPR = Green Project Reserve

Note: Additional Subsidization is provided in the form of principal forgiveness.

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Table 2			
Green Project Reserve Details - 2017 IUP / 2016 Grant			
Recipient	Green Category(ies)	Green Amount	Green Project Description
Acton MUD	Water Efficiency	\$ 630,000	Recycling and water reuse to replace potable water with non-potable sources including wastewater effluent reuse systems are considered categorically eligible. Extra treatment and reuse distribution system costs are also categorically eligible. The City intends to replace potable irrigation water with recycled effluent and will complete planning and design.
Arlington	Energy Efficiency	5,512,408	The proposed project will address I&I to reduce the amount of wastewater that is pumped and treated from the selected sub basins. A cost benefit analysis for the City demonstrates the cost effectiveness of the proposed pipeline replacement.
Eastland	Water Efficiency	5,564,403	Water efficiency under EPA GPR guidance sections. 2.2-6 for reuse and under 2.2-6b for additional treatment and reused distribution system costs.
Fort Worth	Energy Efficiency	6,512,889	Infiltration/Inflow (I&I) correction projects that save energy from pumping and reduced treatment costs and are cost effective, are business case eligible under Part A, Section 3.5-4, Energy Efficiency.
Grand Prairie	Energy Efficiency	4,305,882	Infiltration/Inflow (I&I) correction projects that save energy from pumping and reduced treatment costs and are cost effective, are business case eligible under Part A, Section 3.5-4, Energy Efficiency.
San Marcos	Green Infrastructure	5,352,509	This project is categorically green under TWDB 0161: Green Project Guidance, Part A CWSRF GPR Specific Guidance; 2.0 Water Efficiency; 2.2-6a Gray water, condensate, and wastewater effluent reuse systems.
Totals	6	\$ 27,878,091	

Green Project Reserve Requirement: \$ 6,106,800 456.51% of Cap Grant's GPR Requirement

Green Project Reserve Details - 2018 IUP / 2017 Grant			
Recipient	Green Category(ies)	Green Amount	Green Project Description
Abilene	Water Efficiency	\$ 18,370,000	The replacement of existing malfunctioning water meters with meters with built in leak detection is categorically eligible for the CWSRF Green Project Reserve under Part A, Section 2.2-3. Retrofitting or adding AMR capabilities is categorically eligible under Part A, Section 2.2-4.
Alamo	Water Efficiency	6,906,876	Construction of new 2.5 MGD wastewater treatment plant with Type II discharge of its effluent. This item is categorically eligible under Part A, Section 2.2-6 of the EPA GPR guidance that addresses recycling and water reuse projects.
Arlington	Energy Efficiency	5,375,200	Infiltration/Inflow (I&I) correction projects that save energy from pumping and reduced treatment costs and are cost effective, are business case eligible under Part A, Section 3.5-4, Energy Efficiency. The proportional cost of the increase in pipe diameter for some lines is not considered green eligible as it creates additional flow capacity for those lines. This portion is not GPR eligible under Part A, Section 3.5-4a. All Engineering, Financial, and other project related soft costs will be funded by the City with non-TWDB funds. This construction cost is less than the cost of the the 1/1 resulting from no action.
Cisco	Energy Efficiency, Water Efficiency	5,229,785	The project includes WWTP improvements to allow for 100% reuse of the plant effluent to allow for 100% reuse of the plant effluent to reduce potable water usage for irrigation. The proposed lift station improvements includes the installation of NEMA premium efficiency pumps and motors to reduce energy consumption due to pumping of wastewater to the City's WWTP.
Eules	Green Infrastructure	3,258,300	Recycled wastewater will be used to replace potable water source irrigation. Project is business case eligible for green classification.
Hurst	Energy Efficiency	1,351,662	The design criteria used for the replacement project is a design life of 50 years. The amount of I/I removed for the period of the service life equates to a cost for transportation and treatment of \$ 1,559,929. The replacement costs is \$ 1,351,662. This construction cost is less then the cost of the I/I resulting from no action.
Llano	Water Efficiency	720,000	The WWTP improvements include a chemical feed system and tertiary filtration allowing the City of Llano to produce Type 1 quality reuse effluent, thereby, allowing it to obtain a reuse permit to use or sell the reuse water within the City.
North Fort Bend WA	Green Infrastructure	2,421,800	This project uses wastewater treatment plant effluent and treats it to Type 1 to be used for irrigation and maintaining amenity lake water levels.
Rhome	Water Efficiency	1,450,000	The City plans to install innovative equipment at the wastewater treatment plant to be within compliance. Also, the City plans to make improvements to the collection to address high inflow and infiltration issues which would allow the wastewater treatment plant to operate more efficiently and reduce run time for lift station pumps.
San Marcos	Water Efficiency	3,209,900	Fee simple purchase of land or easements on land that has a direct benefit to water quality, such as riparian and wetland protection or restoration is categorically eligible under Part A, Section 1.2-10.
Totals	8	\$ 48,293,523	

Green Project Reserve Requirement: \$ 6,059,800 796.95% of Cap Grant's GPR Requirement

Green Project Reserve Details - 2019 IUP / 2018 Grant			
Recipient	Green Category(ies)	Green Amount	Green Project Description
Arlington	Energy Efficiency	4,777,968	The project includes the replacement of approximately 6,400 L.F. of existing 8" to 66" wastewater pipelines identified as deteriorated with high failure potential, and excessive inflow/infiltration (I/I). I/I correction projects that save energy from pumping and reduced treatment costs and are cost effective are business case eligible under part A, Sections 3.5.4 Energy Efficiency.
Cleburne	Water Efficiency	19,250,000	Recycling and water reuse projects that replace potable sources with non-potable sources including wastewater effluent reuse systems are categorically eligible under EPA GPR Guidance Section 2.2-6. Extra treatment and reuse distribution system costs are also considered categorically eligible under Section 2.2-6b.
Dripping Springs	Water Efficiency	18,275,460	Recycling and water reuse projects that replace potable sources with non-potable sources including wastewater effluent reuse systems are categorically eligible under EPA GPR Guidance Section 2.2-6. Extra treatment and reuse distribution system costs are also considered categorically eligible under Section 2.2-6b.
Grand Prairie	Energy Efficiency	3,675,693	Inflow/Infiltration (I/I) correction projects that save energy from pumping and reduced treatment costs and are cost effective are business case eligible under part A, Sections 3.5.4 Energy Efficiency.
Lubbock	Water Efficiency	20,635,000	AMI is compliant with the "Clean Water and Drinking Water State Revolving Fund Green Project Reserve (GPR) Guidance for Determining Project Eligibility" 2.2-3.a(i) Advanced metering infrastructure (AMI).
Port Arthur	Energy Efficiency	16,000,000	Energy efficient and environmentally innovative technologies will be employed in the three phases for this proposed project. These include the AquaPrime™ Filtration System in phase one, improvements to the trickling filter system in phase two, aeration basin improvements in phase three, and improvements to the solids handling facility in phase three.
Totals	6	\$ 82,614,121	

Green Project Reserve Requirement: \$ 7,336,100 1126.13% of Cap Grant's GPR Requirement

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Table 3 – Grants and Match Funds					
IUP Year	Grant Award #	SRF Grant	Required State Match	State Match Provided	In-Kind
1989	N-480001-88	\$ 105,190,250	\$ 21,038,050	\$ 21,037,500	\$ -
1990	CS-480001-89	82,691,538	16,538,308	32,452,673	-
1990	CS-480001-90	72,843,855	14,568,771	28,760,000	-
1991	CS-480001-90	1,466,749	293,350	-	-
1991	CS480001-91	96,302,005	19,260,401	-	-
1991	CS480001-91	1,900,000	380,000	-	-
1992	CS480001-92	92,254,341	18,450,868	-	-
1993	CS480001-93	98,743,594	19,748,719	10,000,000	-
1994	CS480001-94	57,750,000	11,550,000	18,030,000	-
1995	CS480001-95	56,296,944	11,259,389	20,552,574	-
1996	CS480001-96	97,216,124	19,443,225	12,000,000	-
1997	CS480001-97	28,485,864	5,697,173	17,000,000	-
1998	CS480001-98	61,546,617	12,309,323	25,000,000	-
1999	CS480001-99	61,551,864	12,310,373	-	-
2000	CS-48000201	63,343,000	12,668,600	25,000,000	-
2001	CS-48000201	60,797,781	12,159,556	-	-
2002	CS-48000202	60,933,213	12,186,643	13,000,000	-
2003	CS-48000203	60,537,213	12,107,443	13,000,000	-
2004	CS-48000204	61,080,444	12,216,089	12,500,000	-
2005	CS-48000205	49,252,104	9,850,421	10,000,000	-
2006	CS-48000206	40,024,512	8,004,902	4,000,000	-
2007	CS-48000208	61,564,429	12,312,886	11,988,141	168,000
2008	CS-48000209	31,103,000	6,220,600	6,240,247	96,875
2009	CS-48000210	31,101,800	6,220,368	6,220,368	150,000
2010	No Grant	-	-	-	-
2011	CS-48000210	93,126,000	18,625,200	18,625,200	-
2012	CS-48000211	67,492,000	13,498,400	13,498,400	400,000
-	Toward Prior Grants	-	-	13,953	-
2013	CS-48000212	64,597,000	12,919,400	12,919,400	-
2014	CS-48000213	61,021,000	12,204,200	12,204,200	492,000
2015	CS-48000214	64,084,000	12,816,800	12,816,800	-
2016	CS-48000215	63,756,000	12,751,200	12,835,000	-
2017	CS-48000216	61,068,000	12,213,600	12,129,800	-
2018	CS-48000217	60,598,000	12,119,600	12,119,600	-
2019	CS-48000218	73,361,000	14,672,200	20,000,000	-
Totals		\$ 2,043,080,241	\$ 408,616,056	\$ 413,943,856	\$ 1,306,875

IUP Year	Grant Award #	SRF Grant	Required State Match	State Match Provided	In-Kind
ARRA	2W-96692401	\$ 179,121,900	\$ -	\$ -	\$ -
2014	CS-48000213	100,000,000	-	-	-
Grand Totals		\$ 2,322,202,141	\$ 408,616,056	\$ 413,943,856	\$ 1,306,875

Notes: State Match is provided from GO Bonds.

The amount listed as the Required State Match for the FFY 2009 grant represents the amount listed on the capitalization grant agreement. The TWDB did not request an amendment from EPA to update the amount to an accurate 20% of the grant and instead overmatched to this amount.

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Table 4 – Capitalization Grant Draws			
	Beginning Balance	Expended	Balance - 08/31/2019
CS-48000217 FY 2017			
Construction	\$ -	\$ -	\$ -
Administration	1,318,937.02	1,318,937.02	-
	\$ 1,318,937.02	\$ 1,318,937.02	\$ -
CS-48000218 FY 2018			
Construction	\$ 69,154,900.00	\$ 69,154,900.00	\$ -
Administration	4,206,100.00	2,115,493.16	2,090,606.84
	\$ 73,361,000.00	\$ 71,270,393.16	\$ 2,090,606.84
Grand Totals	\$ 74,679,937.02	\$ 72,589,330.18	\$ 2,090,606.84

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Table 5 – Binding Commitments Summary											
IUP	Recipient	Project ID	Commitment #	Type	Commitment Date	Status	Closing Date	Amount	Required Binding Commitments	Total Commitments per Quarter	% of Required
(1988-2018)	Previous SFY's							\$ 8,698,555,965	\$ 2,542,362,044	\$ 8,698,555,965	342.14%
2018	Beechwood WSC	73803	LF1000871	EQ	09/06/2018	Active	03/20/2019	\$297,000	2,542,362,044	\$ 8,791,746,965	345.81%
2018	Bevil Oaks	73804	LF1000872	Non-EQ	09/06/2018	Active	12/20/2018	\$500,000			
2018	Kerrville	73801	L1000804	Non-EQ	09/06/2018	Active	12/20/2018	\$8,000,000			
2018	Dublin	73799	L1000795	EQ	09/20/2018	Active	12/19/2018	\$2,900,000			
2018	Gatesville	73776	L1000691	EQ	09/20/2018	Active	04/25/2019	\$10,000,000			
2018	Laguna Madre WD	73730	L1000879	EQ	09/20/2018	Active	06/26/2019	\$5,425,000			
2018	Blanco	73763	L1000883	EQ	10/30/2018	Active	01/22/2019	\$2,550,000			
2018	Jasper Co WCID # 1	73805	L1000889	Non-EQ	10/30/2018	Active	12/18/2018	\$1,480,000			
2018	Terrell	73807	LM19882	EQ	10/30/2018	Active	04/26/2019	\$5,215,000			
2018	Terrell	73807	LM20882	EQ	10/30/2018	Commitment		\$6,780,000			
2018	Terrell	73807	LM21882	EQ	10/30/2018	Commitment		\$10,045,000			
2018	Terrell	73807	LM22882	EQ	10/30/2018	Commitment		\$2,510,000			
2018	Bridge City	73811	LF1000896	Non-EQ	11/12/2018	Active	02/15/2019	\$491,000			
2018	Chandler	73809	L1000893	EQ	11/12/2018	Withdrawn		\$1,550,000			
2018	China	73812	LF1000895	Non-EQ	11/12/2018	Active	02/15/2019	\$498,000			
2018	Granbury	73813	L1000891	EQ	11/12/2018	Active	12/18/2018	\$34,950,000			
2019	Bevil Oaks	73830	LF1000923	Non-EQ	12/13/2018	Active	03/28/2019	\$500,000	2,612,655,724	\$ 8,847,852,460	338.65%
2018	Hardin Co WCID # 1	73816	LF1000924	Non-EQ	12/13/2018	Active	03/15/2019	\$438,000			
2019	North Alamo WSC	10445	L1000927	EQ	12/13/2018	Active	05/28/2019	\$3,055,000			
2019	North Alamo WSC	10445	L1000928	EQ	12/13/2018	Active	05/28/2019	\$1,440,000			
2019	North Alamo WSC	10445	LF1000926	EQ	12/13/2018	Active	05/28/2019	\$500,000			
2018	Bonham	73808	L1000885	EQ	01/10/2019	Active	04/11/2019	\$4,810,000			
2018	De Kalb	73810	L1000943	Non-EQ	01/22/2019	Withdrawn		\$175,000			
2018	De Kalb	73810	LF1000944	Non-EQ	01/22/2019	Active	04/10/2019	\$600,000			
2019	Lubbock	73820	L1000939	EQ	01/22/2019	Active	03/27/2019	\$19,635,000			
2019	Lubbock	73820	LF1000940	EQ	01/22/2019	Active	03/27/2019	\$1,000,000			
2018	Nome	73817	LF1000935	Non-EQ	01/22/2019	Active	04/05/2019	\$500,000			
2018	Orange Co WCID # 1	73825	LF1000910	Non-EQ	01/22/2019	Active	04/29/2019	\$500,000			
2019	San Juan	73637	L1000933	EQ	02/04/2019	Active	05/09/2019	\$1,715,000			
2019	San Juan	73637	LF1000942	EQ	02/04/2019	Active	05/09/2019	\$498,000			
2019	San Juan	73796	L1000937	EQ	02/04/2019	Active	05/09/2019	\$6,645,000			
2019	San Juan	73796	LF1000943	EQ	02/04/2019	Active	05/09/2019	\$2,562,000			
2019	Arlington	73827	L1000972	EQ	02/25/2019	Active	07/25/2019	\$4,435,000			
2019	Arlington	73827	LF1000966	EQ	02/25/2019	Active	07/25/2019	\$716,695			
2019	Colorado City	73815	L1000957	Non-EQ	02/25/2019	Active	06/18/2019	\$2,650,000			
2019	Grand Prairie	73828	L1000969	EQ	02/25/2019	Active	08/05/2019	\$3,180,000			
2019	Grand Prairie	73828	LF1000964	EQ	02/25/2019	Active	08/05/2019	\$550,800			

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Table 5 – Binding Commitments Summary											
IUP	Recipient	Project ID	Commitment #	Type	Commitment Date	Status	Closing Date	Amount	Required Binding Commitments	Total Commitments per Quarter	% of Required
2019	San Antonio Water System	73834	L1000973	Non-EQ	03/05/2019	Commitment		\$25,285,000	2,612,655,724	\$ 8,987,222,460	343.99%
2019	Dripping Springs	73819	LF1000993	EQ	04/10/2019	Active	09/18/2019	\$1,000,000			
2019	Dripping Springs	73819	LM19993	EQ	04/10/2019	Active	09/18/2019	\$23,500,000			
2019	Dripping Springs	73819	LM20993	EQ	04/10/2019	Commitment		\$10,395,000			
2019	Dripping Springs	73819	LM21993	EQ	04/10/2019	Commitment		\$9,500,000			
2019	Houston	73814	L1000938	EQ	04/23/2019	Commitment		\$46,185,000			
2019	Brady	73638	L1001004	EQ	05/09/2019	Active	08/08/2019	\$8,400,000			
2019	Brady	73638	L1001005	EQ	05/09/2019	Active	08/08/2019	\$2,035,000			
2019	Brady	73638	LF1001006	EQ	05/09/2019	Active	08/08/2019	\$4,250,000			
2018	Harris Co MUD # 148	73832	L1000983	EQ	05/09/2019	Commitment		\$4,060,000			
2019	Wolfe City	73833	L1000949	EQ	05/09/2019	Active	09/17/2019	\$2,325,000			
2019	Wolfe City	73833	L1001014	EQ	05/09/2019	Active	09/17/2019	\$2,035,000			
2019	Wolfe City	73833	LF1001013	EQ	05/09/2019	Active	09/17/2019	\$400,000			
2019	Greater Texoma UA	73823	L1001020	EQ	06/04/2019	Active	07/26/2019	\$8,420,000			
2019	Roman Forest Consolidated	73839	L1000999	Non-EQ	06/04/2019	Active	09/26/2019	\$5,655,000			
2018	Roman Forest Consolidated	73839	LF1001000	Non-EQ	06/04/2019	Active	09/26/2019	\$500,000			
2019	Cleburne	73821	L1001022	EQ	06/24/2019	Commitment		\$41,000,000			
2019	Cleburne	73821	LF1001003	EQ	06/24/2019	Commitment		\$1,000,000			
2019	Kerrville	73840	LF1001009	Non-EQ	06/24/2019	Active	09/11/2019	\$500,000			
2019	Nacogdoches Co MUD # 1	73835	L1000998	Non-EQ	07/22/2019	Commitment		\$1,010,000			
SFY Totals			57					\$346,751,495			

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Table 6 - Federal Funds Drawn	
SFY	Amount
1989	\$ 105,187,501
1990	123,845,098
1991	137,906,475
1992	173,641,705
1993	55,626,699
1994	64,406,219
1995	52,785,020
1996	56,951,258
1997	36,514,636
1998	46,924,306
1999	77,571,747
2000	114,761,727
2001	17,818,655
2002	23,134,356
2003	6,032,064
2004	5,389,732
2005	9,408,387
2006	15,495,249
2007	169,701,730
2008	63,249,011
2009	18,761,712
2010	21,024,776
2011	21,786,661
2012	172,714,061
2013	61,601,034
2014	159,777,092
2015	67,494,804
2016	67,234,650
2017	61,068,000
2018	59,279,063
2019	72,589,330
Total	\$ 2,067,093,428

ARRA Funds - Completed SFY 2013	
SFY	Amount
2010	\$ 47,060,500
2011	96,433,621
2012	29,360,745
2013	6,267,034
Total	\$ 179,121,900

Base Total	\$ 2,067,093,428
ARRA Total	179,121,900
Grand Total	\$ 2,246,215,328

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Table 7 – Grant Payments by Quarter					
	SFY 1988 - SFY 2018	SFY 2019			
	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
GRANT PAYMENTS					
All Previous Grants (including ARRA)	\$ 2,188,243,141	\$ -	\$ -	\$ -	\$ -
CS-48000218		73,000,000	-	-	-
QUARTERLY TOTAL		\$ 73,000,000	\$ -	\$ -	\$ -
CUMULATIVE EPA PAYMENTS	\$ 2,188,243,141	\$ 2,261,243,141	\$ 2,261,243,141	\$ 2,261,243,141	\$ 2,261,243,141
	SFY 1988 - SFY 2019	SFY 2020			
REQUIRED BINDING COMMITMENTS		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
REQUIRED BINDING COMMITMENTS (Within One Year)	\$ 2,625,891,769	\$ 2,713,491,769	\$ 2,713,491,769	\$ 2,713,491,769	\$ 2,713,491,769
LESS Administration	83,529,726	86,449,726	86,449,726	86,449,726	86,449,726
REQUIRED BINDING COMMITMENTS - Amounts (Excluding Administration) Within One Year	\$ 2,542,362,044	\$ 2,627,042,044	\$ 2,627,042,044	\$ 2,627,042,044	\$ 2,627,042,044

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Table 8 - Administrative Costs						
SFY	Federal Funds			Total Federal Funds	State Funds	Total Administration Expended
	4% Administration	Banked Administration	Other			
1991	\$ 2,212,581	\$ -	\$ -	\$ 2,212,581	\$ -	\$ 2,212,581
1992	1,806,072	-	1,500,674	3,306,746	-	3,306,746
1993	-	-	4,259,370	4,259,370	-	4,259,370
1994	-	-	4,578,753	4,578,753	-	4,578,753
1995	-	-	5,077,507	5,077,507	-	5,077,507
1996	-	-	4,069,387	4,069,387	700,000	4,769,387
1997	-	-	-	-	5,166,713	5,166,713
1998	-	-	-	-	5,157,083	5,157,083
1999	-	-	-	-	5,175,910	5,175,910
2000	-	-	-	-	5,035,877	5,035,877
2001	-	-	-	-	4,795,878	4,795,878
2002	-	-	-	-	5,026,804	5,026,804
2003	-	-	-	-	4,957,912	4,957,912
2004	-	-	-	-	4,513,673	4,513,673
2005	-	-	-	-	4,882,643	4,882,643
2006	-	-	-	-	5,366,376	5,366,376
2007	2,443,218	202,727	-	2,645,945	2,026,297	4,672,242
2008	1,600,980	2,761,882	-	4,362,862	181,452	4,544,314
2009	2,294,578	2,866,919	-	5,161,497	-	5,161,497
2010	2,485,401	3,240,999	-	5,728,410	-	5,728,410
2011	3,725,040	1,633,184	-	5,358,224	-	5,358,224
2012	1,734,298	1,664,673	-	3,398,971	-	3,398,971
2013	949,382	1,140,784	-	2,090,166	-	2,090,166
2014	2,583,880	1,258,344	-	3,842,224	-	3,842,224
2015	-	2,914,528	-	2,914,528	-	2,914,528
2016	3,248,068	-	-	3,248,068	-	3,248,068
2017	2,442,720	-	-	2,442,720	-	2,442,720
2018	3,211,010	-	-	3,211,010	-	1,892,073
2019	4,206,100	-	-	4,206,100	-	3,434,430
Totals	\$ 30,737,228	\$ 17,684,040	\$ 19,485,691	\$ 72,115,070	\$ 52,986,618	\$ 123,011,081
ARRA Funds						
2010	\$ 2,222,875	\$ -	\$ -	\$ 2,222,875	\$ -	\$ 2,222,875
2011	1,153,259	-	-	1,153,259	-	1,153,259
2012	1,632,755	-	-	1,632,755	-	1,632,755
2013	2,155,987	-	-	2,155,987	-	2,155,987
Totals	\$ 7,164,876	\$ -	\$ -	\$ 7,164,876	\$ -	\$ 7,164,876
Base	\$ 30,737,228	\$ 17,684,040	\$ 19,485,691	\$ 72,115,070	\$ 52,986,618	\$ 123,011,081
ARRA	7,164,876	-	-	7,164,876	-	7,164,876
Grand Totals	\$ 37,902,104	\$ 17,684,040	\$ 19,485,691	\$ 79,279,946	\$ 52,986,618	\$ 130,175,957

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Table 9 - DBE Utilization						
	MBE Goals	MBE Actual	% of Procurement	WBE Goals	WBE Actual	% of Procurement
Construction	19.44%	\$21,237,524.84	9.41%	9.17%	\$947,224.63	0.42%
Supplies	25.34%	\$2,982,003.25	1.32%	8.82%	\$1,723,370.31	0.76%
Equipment	16.28%	\$17,000.00	0.01%	11.45%	\$18,995.00	0.01%
Services	20.41%	\$10,061,650.18	4.46%	13.66%	\$5,211,930.61	2.31%
Totals		\$34,298,178.27	15.19%		\$7,901,520.55	3.50%

Total Procurements in the CWSRF: \$225,792,455.37

Overall DBE Procurements: 18.69%

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Table 10 - Multi-Year Funding								
IUP	Recipient	Project ID	Commitment #	Commitment Date	Commitment Status	Actual Closing Date	Anticipated Closing Date	Commitment Amount
2019	Austin	73843	LM201041	10/03/2019	Committed		01/15/2020	\$ 11,200,000
2019	Austin	73843	LM211041	10/03/2019	Committed		01/15/2020	10,400,000
2019	Austin	73843	LM231041	10/03/2019	Committed		01/15/2020	8,300,000
2019	Austin	73843	LM221041	10/03/2019	Committed		01/15/2020	23,100,000
2017	Dallas	73757	LM17067	05/31/2017	Closed	05/14/2018		22,000,000
2017	Dallas	73757	LM18067	05/31/2017	Closed	05/13/2019		22,000,000
2017	Dallas	73757	LM19067	05/31/2017	Committed		05/15/2020	22,000,000
2017	Dallas	73757	LM20067	05/31/2017	Committed		05/13/2021	22,000,000
2017	Dallas	73757	LM21067	05/31/2017	Committed		05/13/2022	22,000,000
2018	Del Rio	73786	LM19689	02/15/2018	Closed	05/24/2019		5,500,000
2018	Del Rio	73786	LM21689	02/15/2018	Committed		02/28/2020	4,500,000
2018	Del Rio	73785	LM19687	02/15/2018	Closed	05/24/2019		500,000
2018	Del Rio	73785	LM21687	02/15/2018	Committed		02/28/2021	1,500,000
2019	Dripping Springs	73819	LF1000993	04/10/2019	Committed		09/18/2019	1,000,000
2019	Dripping Springs	73819	LM19993	04/10/2019	Committed		09/18/2019	23,500,000
2019	Dripping Springs	73819	LM20993	04/10/2019	Committed		06/15/2020	10,395,000
2019	Dripping Springs	73819	LM21993	04/10/2019	Committed		06/15/2021	9,500,000
2018	Ingleside	73782	LM19699	08/14/2018	Committed		02/19/2020	2,795,000
2018	Ingleside	73782	LM23699	08/14/2018	Committed		02/25/2023	19,205,000
2018	Terrell	73807	LM19882	10/30/2018	Closed	04/26/2019		5,215,000
2018	Terrell	73807	LM20882	10/30/2018	Committed		04/15/2020	6,780,000
2018	Terrell	73807	LM21882	10/30/2018	Committed		04/15/2021	10,045,000
2018	Terrell	73807	LM22882	10/30/2018	Committed		04/15/2022	2,510,000
Grand Totals		7	unique projects					\$ 265,945,000

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Table 11 – Sources and Uses of Funds (Cash Basis)

Cash Available:	\$	435,505,295.14
 SOURCES:		
Federal Grants Drawn	\$	72,589,330.18
Principal Repayments		307,301,800.00
Interest Repayments		50,421,067.65
Investment Earnings on Funds		12,391,292.23
CWSRF Revenue Bond Proceeds		25,004,807.83
TOTAL SOURCES:	\$	467,708,297.89
 USES:		
<u>Administration</u>		
Administration Drawn/Expended	\$	3,434,430.18
Total Administration:	\$	3,434,430.18
 <u>Projects Funded</u>		
Funds Disbursed	\$	354,133,295.00
Total Projects Funded:	\$	354,133,295.00
 <u>Debt Service</u>		
Revenue Bonds - Principal Paid	\$	5,220,000.00
Match General Obligation Bonds - Principal Paid		13,879,191.77
Total Interest Paid		19,414,151.15
Total Debt Service:	\$	38,513,342.92
 TOTAL USES:	 \$	 396,081,068.10
 NET SOURCES (USES):	 \$	 71,627,229.79
 Cash - Ending Balance (8/31/2019)	 \$	 507,132,524.93

Fees are not deposited into the Fund; therefore, based on EPA guidance they are not included in the Sources and Uses of Funds.

Revenue Bond Proceeds are net of cost of issuance.

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Operational Minimum DSC: 1.10
 Lowest Total DSC: 3.02

PROJECTED ANNUAL CASH FLOW
 COVERAGE1 AS OF AUGUST 31, 2019

Fiscal Year (2)	Balance & Loan Receipt		Debt Service for Match (4)	Match Excess	Balance & Pledged Principal & Non-Pledged Loan Receipts		Revenue Bond Debt Service (6)	Revenue Bond Debt Service Coverage (7)	Total Debt Service	Total Debt Service Coverage (8)	Annual Excess Revenue
	7/1 - 6/30 (3)				7/1 - 6/30 (5)						
2020	\$38,750,445		\$23,318,139	\$	15,432,306.17	\$82,279,804	\$16,747,500	5.83	\$40,065,639	3.02	\$80,964,611
2021	46,365,111		23,273,268		23,091,843	116,399,658	16,749,700	8.33	40,022,968	4.07	122,741,801
2022	44,953,496		23,083,403		21,870,092	118,567,182	16,749,950	8.38	39,833,353	4.11	123,687,324
2023	43,490,575		18,368,231		25,122,343	114,044,477	16,747,450	8.31	35,115,681	4.49	122,419,370
2024	41,971,305		18,144,764		23,826,541	115,103,954	16,746,450	8.30	34,891,214	4.50	122,184,045
2025	40,310,118		16,454,395		23,855,723	116,326,838	16,750,950	8.37	33,205,345	4.72	123,431,610
2026	38,501,620		16,485,776		22,015,844	116,466,914	16,749,700	8.27	33,235,476	4.66	121,733,057
2027	36,573,886		14,098,640		22,475,246	116,660,112	16,746,950	8.31	30,845,590	4.97	122,388,408
2028	34,521,347		12,349,366		22,171,981	117,884,336	16,746,700	8.36	29,096,066	5.24	123,309,617
2029	32,323,572		10,063,777		22,259,795	120,200,082	16,747,700	8.51	26,811,477	5.69	125,712,177
2030	29,591,784		6,972,747		22,619,038	147,044,431	16,748,700	10.13	23,721,447	7.45	152,914,769
2031	26,343,111		4,747,359		21,595,752	145,011,513	16,748,450	9.95	21,495,809	7.97	149,858,815
2032	22,947,164		2,529,809		20,417,355	153,582,310	16,750,700	10.39	19,280,509	9.16	157,248,965
2033	19,422,725		1,559,309		17,863,415	149,346,640	16,748,950	9.98	18,308,259	9.22	150,461,105
2034	16,683,456		874,957		15,808,499	100,954,718	16,746,950	6.97	17,621,907	6.68	100,016,266
2035	14,675,714		-		14,675,714	94,473,546	16,748,200	6.52	16,748,200	6.52	92,401,060
2036	12,850,126		-		12,850,126	86,445,920	16,751,400	5.93	16,751,400	5.93	82,544,646
2037	11,150,400		-		11,150,400	85,432,951	16,747,000	5.77	16,747,000	5.77	79,836,351
2038	9,481,675		-		9,481,675	81,100,709	16,747,500	5.41	16,747,500	5.41	73,834,884
2039	7,901,685		-		7,901,685	74,211,096	-	-	-	-	82,112,781
2040	6,446,705		-		6,446,705	66,801,296	-	-	-	-	73,248,001
2041	5,180,857		-		5,180,857	60,843,507	-	-	-	-	66,024,364
2042	4,060,880		-		4,060,880	53,007,919	-	-	-	-	57,068,799
2043	3,061,167		-		3,061,167	47,903,179	-	-	-	-	50,964,346
2044	2,198,071		-		2,198,071	37,774,473	-	-	-	-	39,972,544
2045	1,552,677		-		1,552,677	32,524,639	-	-	-	-	34,077,315
2046	1,017,994		-		1,017,994	26,445,675	-	-	-	-	27,463,668
2047	611,240		-		611,240	20,250,580	-	-	-	-	20,861,820
2048	297,213		-		297,213	13,990,000	-	-	-	-	14,287,213
2049	100,998		-		100,998	8,530,000	-	-	-	-	8,630,998
2050	17,066		-		17,066	750,000	-	-	-	-	767,066
2051	5,709		-		5,709	760,000	-	-	-	-	765,709
2052	-		-		-	-	-	-	-	-	-
2053	-		-		-	-	-	-	-	-	-
2054	-		-		-	-	-	-	-	-	-
	\$593,359,890		\$192,323,940		\$401,035,950	\$2,621,118,455	\$318,220,900		\$510,544,840		\$2,703,933,505

- (1) This cash flow coverage provides a presentation of only the CWSRF, and identifies the portion of outstanding debt designated for state match that is to be repaid only from interest earnings, as required by the EPA. This is distinct from and not reflective of the pledge portrayed in the cash flow coverage provided under SRF Revenue Bond offering documents.
- (2) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.
- (3) Represents debt service fund balances designated for state match repayments, pledged loan interest repayments received from July 1st through August 31st from the previous fiscal year, and pledged loan interest repayments from September 1st through June 30th.
- (4) Represents debt service requirements on GO State Match Bonds, and the portion of SRF Revenue Bonds designated for state match.
- (5) Represents debt service fund balances not designated for state match repayments, pledged loan principal repayments and non-pledged principal and interest repayments received from July 1st through August 31st from the previous fiscal year, pledged loan principal and non-pledged principal and interest repayments from September 1st through June 30th.
- (6) Represents debt service requirements on SRF Revenue Bonds not designated for state match.
- (7) Represents debt service coverage ratio for SRF Revenue Bonds not designated for state match.
- (8) Total revenue to debt ratio. Total revenue includes beginning debt service fund balances, and loan repayments for the 12 month period ending on June 30th of the Fiscal Year noted.

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PROJECTED SOURCES OF REVENUES
AS OF AUGUST 31, 2019

Fiscal Year (1)	Loan Receipts		Loan Receipts		Total Non-Pledged Annual Loan Receipts 7/1 - 6/30 (3)	Total Projected Income to Pay Debt Service (4)
	Principal From 7/1 - 8/31 (2)	Interest From 7/1 - 8/31 (2)	Principal 9/1 - 6/30 (2)	Interest 9/1 - 6/30 (2)		
2020	\$32,501,000	\$11,989,383	\$78,759,000	\$35,295,660	\$190,388	\$114,245,048
2021	33,991,000	11,577,228	83,156,000	34,375,728	742,658	162,764,769
2022	28,951,000	11,124,930	83,935,000	33,376,268	641,182	163,520,678
2023	29,291,000	10,724,912	84,458,000	32,365,645	635,477	157,535,051
2024	30,106,000	10,296,717	85,184,000	31,246,393	628,954	157,075,259
2025	30,621,000	9,836,846	85,643,000	30,013,401	577,838	156,636,955
2026	31,556,000	9,339,719	85,263,000	28,664,774	582,914	154,968,533
2027	31,786,000	8,802,395	84,551,000	27,234,167	553,112	153,233,998
2028	33,397,000	8,176,889	85,550,000	25,718,953	548,336	152,405,683
2029	60,263,000	7,473,620	86,250,000	24,146,683	553,082	152,523,654
2030	63,351,000	6,344,937	86,234,000	22,118,164	547,431	176,636,215
2031	72,891,000	5,198,233	81,114,000	19,998,174	546,513	171,354,624
2032	72,367,000	3,922,264	80,141,000	17,748,931	550,310	176,529,474
2033	23,967,000	2,735,751	76,431,000	15,500,461	548,640	168,769,364
2034	17,978,000	2,229,583	76,441,000	13,947,705	546,718	117,638,173
2035	11,118,000	1,805,252	75,946,000	12,446,131	549,546	109,149,260
2036	10,808,000	1,529,337	74,781,000	11,044,874	546,920	99,296,046
2037	9,429,000	1,266,105	74,076,000	9,621,063	548,951	96,583,351
2038	7,519,000	1,031,000	71,121,000	8,215,570	550,709	90,582,384
2039	6,345,000	853,846	66,145,000	6,870,685	547,096	82,112,781
2040	4,835,000	712,683	59,953,000	5,592,859	503,296	73,248,001
2041	4,966,000	598,397	55,708,000	4,468,175	300,507	66,024,364
2042	4,536,000	481,709	47,743,000	3,462,483	298,919	57,068,799
2043	3,407,000	370,362	43,125,000	2,579,458	242,179	50,964,346
2044	3,472,000	281,241	34,125,000	1,827,710	242,473	39,972,544
2045	3,428,000	197,705	28,810,000	1,271,436	242,639	34,077,315
2046	2,723,000	129,736	22,775,000	820,289	242,675	27,463,668
2047	2,740,000	78,314	17,285,000	481,504	242,580	20,861,820
2048	2,470,000	39,873	11,250,000	218,899	-	14,287,213
2049	360,000	8,628	6,060,000	61,125	-	8,630,998
2050	365,000	4,344	390,000	8,439	-	767,066
2051	-	-	395,000	1,365	-	765,709
2052	-	-	-	-	-	-
2053	-	-	-	-	-	-
2054	-	-	-	-	-	-
	\$671,538,000	\$129,161,937	\$1,932,798,000	\$460,743,169	\$13,452,038	\$3,207,693,144

- (1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.
- (2) Represents scheduled repayments on \$2,604,336,000 of outstanding pledged Political Subdivision Bonds as of August 31, 2019.
- (3) Represents scheduled repayments on \$11,018,530 of outstanding non-pledged Political Subdivision Bonds as of August 31, 2019.
- (4) Reflects that for projecting revenue available to pay debt service due within a fiscal year, revenues received for the period ending 6/30 in the same fiscal year are used.

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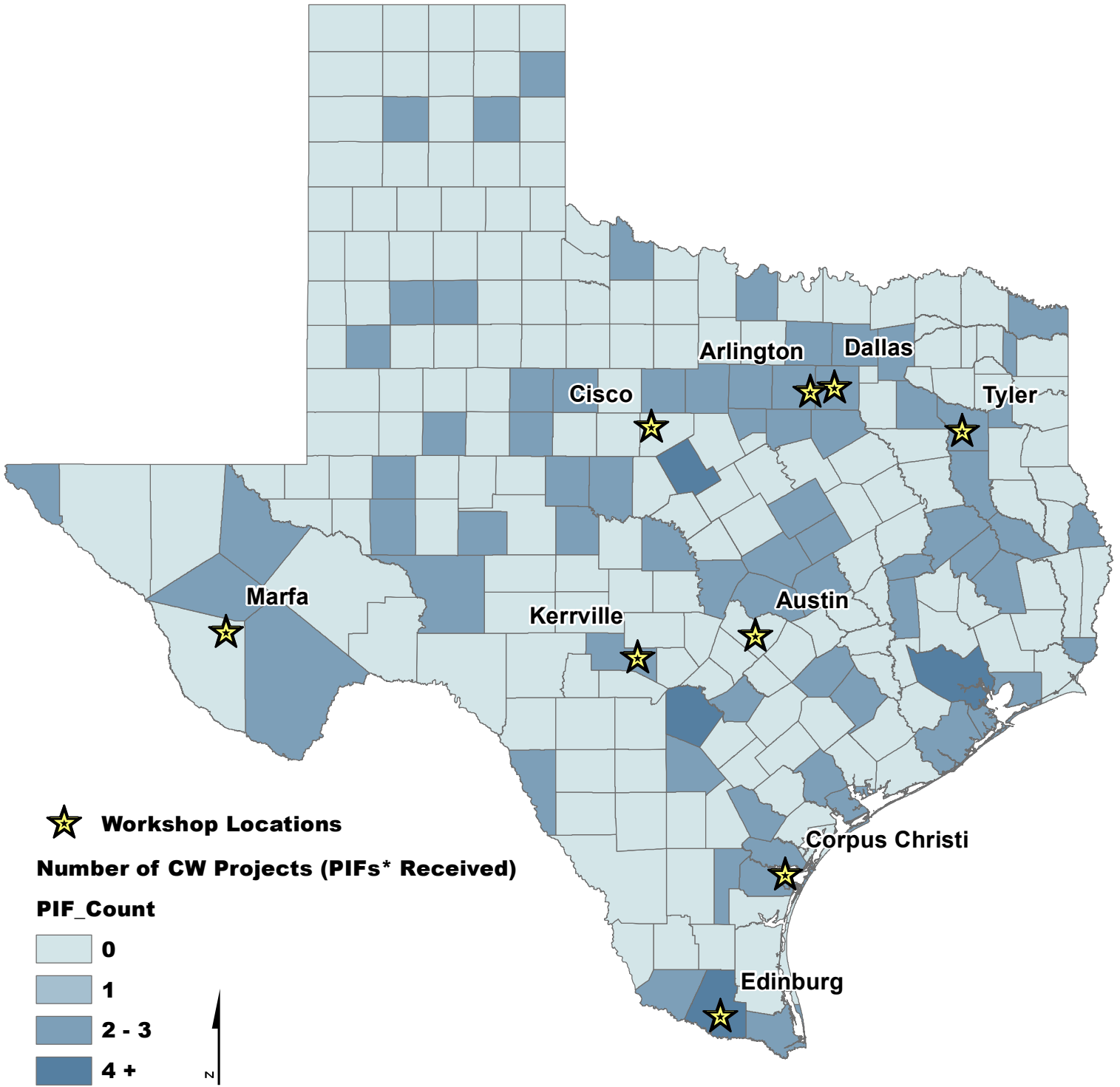
DEBT SERVICE ON OUTSTANDING BONDS
AS OF AUGUST 31, 2019

Fiscal Year (1)	Revenue Bonds			Revenue Bonds (Match Portion) (2)			State Match Bonds (2)			Total Debt Service
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	
2020	\$6,820,000	\$9,927,500	\$16,747,500	\$3,235,000	\$1,856,400	\$5,091,400	\$13,417,323	\$4,809,416	\$18,226,739	\$40,065,639
2021	7,095,000	9,654,700	16,749,700	3,340,000	1,727,000	5,067,000	13,882,036	4,324,232	18,206,268	40,022,968
2022	7,450,000	9,299,950	16,749,950	3,510,000	1,560,000	5,070,000	14,210,634	3,802,769	18,013,403	39,833,353
2023	7,820,000	8,927,450	16,747,450	3,680,000	1,384,500	5,064,500	10,049,741	3,253,990	13,303,731	35,115,681
2024	8,210,000	8,536,450	16,746,450	3,865,000	1,200,500	5,065,500	10,246,405	2,832,860	13,079,264	34,891,214
2025	8,625,000	8,125,950	16,750,950	4,060,000	1,007,250	5,067,250	8,991,772	2,395,373	11,387,145	33,205,345
2026	9,055,000	7,694,700	16,749,700	4,265,000	804,250	5,069,250	9,397,789	2,018,737	11,416,526	33,235,476
2027	9,505,000	7,241,950	16,746,950	4,475,000	591,000	5,066,000	7,417,614	1,615,026	9,032,640	30,845,590
2028	9,980,000	6,766,700	16,746,700	4,700,000	367,250	5,067,250	6,008,168	1,273,948	7,282,116	29,096,066
2029	10,480,000	6,267,700	16,747,700	2,645,000	132,250	2,777,250	6,290,074	996,453	7,286,527	26,811,477
2030	11,005,000	5,743,700	16,748,700	-	-	-	6,271,885	700,861	6,972,747	23,721,447
2031	11,555,000	5,193,450	16,748,450	-	-	-	4,344,120	403,239	4,747,359	21,495,809
2032	12,135,000	4,615,700	16,750,700	-	-	-	2,331,134	198,675	2,529,809	19,280,509
2033	12,740,000	4,008,950	16,748,950	-	-	-	1,463,232	96,077	1,559,309	18,308,259
2034	13,375,000	3,371,950	16,746,950	-	-	-	841,588	33,369	874,957	17,621,907
2035	14,045,000	2,703,200	16,748,200	-	-	-	-	-	-	16,748,200
2036	14,610,000	2,141,400	16,751,400	-	-	-	-	-	-	16,751,400
2037	15,190,000	1,557,000	16,747,000	-	-	-	-	-	-	16,747,000
2038	15,950,000	797,500	16,747,500	-	-	-	-	-	-	16,747,500
2039	-	-	-	-	-	-	-	-	-	-
2040	-	-	-	-	-	-	-	-	-	-
2041	-	-	-	-	-	-	-	-	-	-
2042	-	-	-	-	-	-	-	-	-	-
2043	-	-	-	-	-	-	-	-	-	-
2044	-	-	-	-	-	-	-	-	-	-
2045	-	-	-	-	-	-	-	-	-	-
2046	-	-	-	-	-	-	-	-	-	-
2047	-	-	-	-	-	-	-	-	-	-
2048	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-
	\$205,645,000	\$112,575,900	\$318,220,900	\$37,775,000	\$10,630,400	\$48,405,400	\$115,163,516	\$28,755,024	\$143,918,540	\$510,544,840

(1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.
(2) GO State Match Bonds and SRF Revenue Bonds designated for state match are paid only from interest repayments.

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Map of Workshops Conducted in SFY 2019



*Project Information Form

Appendix B: CWSRF SFY 2019 Projects

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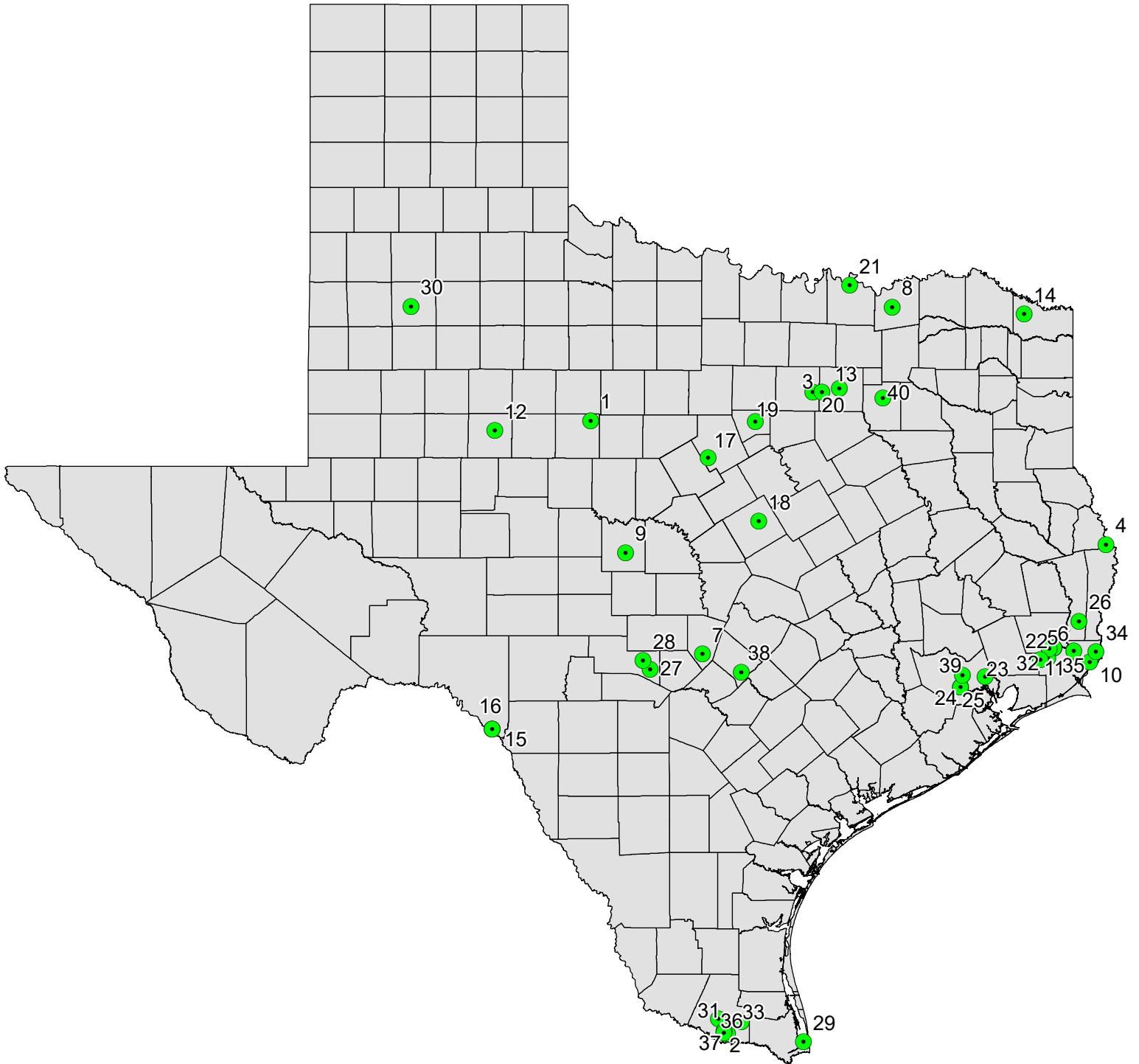
Commitments Closed											
Map ID	Entity	Commitment #	Loan Amount	Principal Forgiven	Total Committed	Equivalency	First Principal Payment	Last Principal Payment	Interest Rate	IUP Year	Small Community
1	Abilene	L1000671	\$ 18,370,000		\$ 18,370,000	EQ	02/15/2020	02/15/2039	1.30%	2018	
2	Alamo	L1000694	10,335,000		10,335,000	EQ	03/01/2021	03/01/2047	1.90%	2018	
2	Alamo	LF1000735		1,165,500	1,165,500	EQ				2018	
3	Arlington	L1000972	4,435,000		4,435,000	EQ	06/01/2020	06/01/2039	0.15%	2019	
3	Arlington	LF1000966		716,695	716,695	EQ				2019	
4	Beechwood WSC	LF1000871		297,000	297,000	EQ				2018	Yes
5	Bevil Oaks	LF1000872		500,000	500,000	Non-EQ				2018	Yes
6	Bevil Oaks	LF1000923		500,000	500,000	Non-EQ				2019	Yes
7	Blanco	L1000883	2,550,000		2,550,000	EQ	08/15/2019	08/15/2048	1.86%	2018	Yes
8	Bonham	L1000885	4,810,000		4,810,000	EQ	02/15/2020	02/15/2049	1.29%	2018	
9	Brady	L1001004	8,400,000		8,400,000	EQ	09/01/2021	09/01/2050	0.49%	2019	Yes
9	Brady	L1001005	2,035,000		2,035,000	EQ	09/01/2021	09/01/2050	0.00%	2019	Yes
9	Brady	LF1001006		4,250,000	4,250,000	EQ				2019	Yes
10	Bridge City	LF1000896		491,000	491,000	Non-EQ				2018	Yes
11	China	LF1000895		498,000	498,000	Non-EQ				2018	Yes
12	Colorado City	L1000957	2,650,000		2,650,000	Non-EQ	03/15/2021	03/15/2039	0.98%	2019	Yes
13	Dallas	LM18067	22,000,000		22,000,000	EQ	10/01/2020	10/01/2048	0.57%	2017	
14	De Kalb	LF1000944		600,000	600,000	Non-EQ				2018	Yes
15	Del Rio	LM19687	500,000		500,000	EQ	06/01/2022	06/01/2048	1.05%	2018	
16	Del Rio	LM19689	5,500,000		5,500,000	EQ	06/01/2022	06/01/2048	1.03%	2018	
17	Dublin	L1000795	2,900,000		2,900,000	EQ	12/15/2019	12/15/2048	2.03%	2018	Yes
18	Gatesville	L1000691	10,000,000		10,000,000	EQ	09/01/2020	09/01/2039	0.84%	2018	
19	Granbury	L1000891	34,950,000		34,950,000	EQ	08/15/2021	08/15/2048	1.58%	2018	
20	Grand Prairie	L1000969	3,180,000		3,180,000	EQ	01/15/2020	01/15/2039	0.15%	2019	
20	Grand Prairie	LF1000964		550,800	550,800	EQ				2019	
21	Greater Texoma UA	L1001020	8,420,000		8,420,000	EQ	06/01/2020	06/01/2049	0.71%	2019	Yes
22	Hardin Co WCID # 1	LF1000924		438,000	438,000	Non-EQ				2018	Yes
23	Harris Co MUD # 50	L1000802	2,770,000		2,770,000	EQ	03/01/2019	03/01/2047	2.15%	2018	Yes
24	Houston	L1000676	44,065,000		44,065,000	Non-EQ	03/01/2020	03/01/2041	0.00%	2017	
25	Houston	L1000776	64,685,000		64,685,000	EQ	11/15/2020	11/15/2048	0.83%	2018	
26	Jasper Co WCID # 1	L1000889	1,480,000		1,480,000	Non-EQ	03/15/2020	03/15/2043	2.50%	2018	Yes
27	Kerr County	L1000681	4,330,000		4,330,000	EQ	02/15/2021	02/15/2047	2.23%	2018	Yes
27	Kerr County	LF1000748		10,096,400	10,096,400	EQ				2018	Yes
28	Kerrville	L1000804	8,000,000		8,000,000	Non-EQ	08/15/2021	08/15/2050	2.03%	2018	
29	Laguna Madre WD	L1000879	5,425,000		5,425,000	EQ	03/01/2020	03/01/2034	0.54%	2018	
30	Lubbock	L1000939	19,635,000		19,635,000	EQ	02/15/2020	02/15/2039	0.66%	2019	
30	Lubbock	LF1000940		1,000,000	1,000,000	EQ				2019	
31	McAllen	L1000747	7,000,000		7,000,000	EQ	02/01/2021	02/01/2048	1.46%	2018	
32	Nome	LF1000935		500,000	500,000	Non-EQ				2018	Yes

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Commitments Closed											
Map ID	Entity	Commitment #	Loan Amount	Principal Forgiven	Total Committed	Equivalency	First Principal Payment	Last Principal Payment	Interest Rate	IUP Year	Small Community
33	North Alamo WSC	L1000927	3,055,000		3,055,000	EQ	08/01/2020	08/01/2039	0.00%	2019	
33	North Alamo WSC	L1000928	1,440,000		1,440,000	EQ	08/01/2020	08/01/2039	2.48%	2019	
33	North Alamo WSC	LF1000926		500,000	500,000	EQ				2019	
34	Orange Co DD	LF1000818		500,000	500,000	EQ				2018	
35	Orange Co WCID # 1	LF1000910		500,000	500,000	Non-EQ				2018	
36	San Juan	L1000933	1,715,000		1,715,000	EQ	01/01/2020	01/01/2049	0.94%	2019	
36	San Juan	LF1000942		498,000	6,645,000	EQ				2019	
37	San Juan	L1000937	6,645,000		498,000	EQ	01/01/2020	01/01/2049	0.94%	2019	
37	San Juan	LF1000943		2,562,000	2,562,000	EQ				2019	
38	San Marcos	L1000688	1,935,000		1,935,000	EQ	08/15/2019	08/15/2038	1.21%	2018	
38	San Marcos	LF1000779		1,274,900	1,274,900	EQ				2018	
39	Sunbelt FWSD	L1000753	8,265,000		8,265,000	EQ	12/01/2019	12/01/2048	1.94%	2018	
40	Terrell	LM19882	5,215,000		5,215,000	EQ	02/15/2020	02/15/2049	0.73%	2018	
Totals		52	\$ 326,695,000	\$ 27,438,295	\$ 354,133,295						

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Project and Closing Locations



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Descriptions of Closed Projects

Abilene Meter Replacement and AMI Project Project # 73769			
Commitment Amount	\$18,370,000	Closing Date	11/27/2018
Commitment Code(s)	L1000671	Map Location	1
<p>Need: The City of Abilene needs to complete a city-wide meter replacement program to address unaccounted for water losses and add leak detection capabilities.</p> <p>Project Description: The City is proposing to replace approximately 43,500 water meters ranging from 3/4-inch residential to 10-inch commercial meters. Many of the meters are over 10-years old and have lost accuracy. The City is proposing to replace the meters with an Automated Meter Reading (AMR) and Advanced Metering Infrastructure (AMI) system that will include leak detection. The AMI system will allow the City's customers to access their water account information and allow the City to better track their water resources. The City anticipates at least a 1% water saving per year or approximately 65 million gallons of water.</p>			
Alamo New 2.5 MGD WWTP Project # 73738			
Commitment Amount	\$11,500,500	Closing Date	10/04/2018
Commitment Code(s)	L1000694, LF1000735	Map Location	2
<p>Need: In 2015, the City of Alamo (City) was placed under enforcement and fined by the Texas Commission on Environmental Quality for violation of its wastewater treatment plant's permitted effluent parameters. The City's existing treatment system consists of aerated lagoons, which cause very strong, foul odors and nuisance conditions for the surrounding residents.</p> <p>Description: The project is for construction of a new 2.5-million-gallon-per-day sequence batch reactor wastewater treatment plant to replace an existing outdated lagoon system. The new plant will be constructed on the site of the City's current lagoon system and will include a disinfection system to produce Type II reclaimed water for offsite non-potable use. The existing lagoons will be filled and abandoned.</p>			
Arlington 2019 Wastewater Collection Line Replacement Project # 73827			
Commitment Amount	\$5,151,695	Closing Date	07/25/2019
Commitment Code(s)	L1000972, LF1000966	Map Location	3
<p>Need: The City of Arlington's project includes the replacement of approximately 6,400 L.F. of existing 8" to 66" wastewater pipelines identified as deteriorated with high failure potential, and excessive I/I.</p> <p>Description: The projects have been separated into two categories, aerial crossing replacements and large diameter replacements. There are four aerial crossings with 8" to 12" pipelines totaling 1,180 LF to be rehabilitated or replaced. The pipelines are located in or around creeks and are at risk of failure due to erosion. The two large diameter replacements include 1,000 LF of existing 66" RCP that has already experienced one</p>			

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failure resulting in massive inflow due to its proximity to Village Creek. The other large diameter project consists of replacing 580 LF of 27" pipe that crosses under Interstate Highway 20 (IH20). The existing pipe under IH20 is severely corroded.

Beechwood WSC
Emergency Relief Sanitary Sewer System Project
Project # 73803

Commitment Amount	\$297,000	Closing Date	03/20/2019
Commitment Code(s)	LF1000871	Map Location	4

Need: The Beechwood Water Supply Corporation (Corporation) received approximately 30 inches of rain due to Hurricane Harvey, which caused heavy inflow and infiltration into the collection system and an accumulation of silt and solids in the lift stations. The silt and solids caused excessive wear on the pumps. The heavy solids were consequently pumped to the wastewater treatment plant (WWTP), which also caused solids accumulation in the tanks and wear on the onsite pumps.

Description: The Corporation is proposing an emergency relief project to restore its sanitary sewer system and optimally serve its 290 customers. The proposed project includes removing grit from all lift stations and the WWTP tanks, pump replacement and aeration system repairs at the WWTP, manhole sealing and elevating, drainage corrections, and sanitary sewer line replacement. All work is directly related to recovery from Hurricane Harvey.

Bevil Oaks
Emergency Relief Sanitary Sewer Lift Station Restoration Project
Project # 73804

Commitment Amount	\$500,000	Closing Date	12/20/2018
Commitment Code(s)	LF1000872	Map Location	5

The critical components at the City's sanitary sewer lift stations and wash-down facility were destroyed during the Hurricane Harvey flooding event. Currently the City operates four lift stations throughout its service area. This project will replace infrastructure at the City's Main Lift Station that services the entire City and at a second sanitary sewer lift station, the Rolling Hills Lift Station.

The proposed project will consist of elevating and replacing damaged electrical controls, pumps, and standby power generation equipment at the Main Lift station and will replace the wash-down pump and tank. Due to the layout and functionality of these facilities, some components cannot be elevated; however, they will be replaced and/or reinstalled since they were inundated by floodwaters.

Bevil Oaks
City of Bevil Oaks - Disaster Recovery - Project B - Sanitary Sewer Lift Station Restoration Project
Project # 73830

Commitment Amount	\$500,000	Closing Date	03/28/2019
Commitment Code(s)	LF1000923	Map Location	6

Project Need: The City of Bevil Oaks is requesting funding to repair damage to two of the City's sanitary sewer lift stations caused by Hurricane Harvey. Critical electrical and control equipment at the City's Boulevard and River Bend sanitary sewer lift stations were destroyed during the flooding event of Hurricane Harvey.

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Project Description: The project includes replacing electrical switch gear, standby generators, electrical and controls. The equipment will be installed on steel platforms that will be elevated approximately eight feet above grade.

Blanco
New WWTP
Project # 73763

Commitment Amount	\$2,550,000	Closing Date	01/22/2019
Commitment Code(s)	L1000883	Map Location	7

The City of Blanco received a Texas Water Development Board loan commitment in September 2017 for the construction of a new 225,000 gallons per day conventional wastewater treatment plant to replace the City's existing lagoon system. Construction started in December 2017 and is 70 percent complete. Due to higher than expected construction costs from the bids received and additional construction cost overruns, the City needs additional funding to complete the construction of the project. The additional costs are attributable to higher demand for supplies and materials due to Hurricane Harvey and items added at the design stage.

The City is constructing a new 225,000 gallons per day conventional wastewater treatment plant to replace the City's existing lagoon system.

Bonham
City of Bonham 2018 CWSRF Collection System Improvements
Project # 73808

Commitment Amount	\$4,810,000	Closing Date	04/11/2019
Commitment Code(s)	L1000885	Map Location	8

Project Need: The City of Bonham operates an aging sanitary sewer collection system. Several sanitary sewer lines have exceeded their useful life and are made of tile pipe which have failing joints and require labor intensive maintenance. This is a significant source of inflow and infiltration into sanitary sewer collection systems. In addition, several lines are undersized for their current capacity.

Project Description: The City of Bonham intends to utilize CWSRF funds for Planning, Design and Construction to replace and upsize approximately 20 sanitary sewer collection lines, ranging in sizes, 8-inch to 16-inch, throughout the city.

Brady
WWTP Replacement
Project # 73638

Commitment Amount	\$14,685,000	Closing Date	08/08/2019
Commitment Code(s)	L1001004, L1001005, LF1001006	Map Location	9

Need: The City's existing wastewater treatment plant has been in continuous service since 1963 and, having undergone only one significant improvement in 1989, is now in an advanced state of deterioration and in need of full replacement. The plant is also located in the 100-year floodplain.

Project Description: The City has completed the planning phase of the project, and the design phase is underway. Funds are now needed for the construction of a new 0.6 MGD wastewater treatment plant. The existing plant is in the 100-year floodplain for Brady Creek, and a portion of this project involves raising the new plant site out of the floodplain and controlling the flow of stormwater off the site.

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Bridge City			
Manhole Replacement Project			
Project # 73811			
Commitment Amount	\$491,000	Closing Date	02/15/2019
Commitment Code(s)	LF1000896	Map Location	10
<p>Project Need: The City of Bridge City (City) is seeking financial assistance to remove and replace manholes to address infiltration and inflow (I&I) issues and keep the sewer plant in compliance with their discharge permit.</p> <p>Project Description: During Hurricane Harvey the City was flooded with approximately four feet of floodwater which caused damage to many manholes. Removal and replacement of the manholes will correct I&I issues and help the plant comply with the Waste Water Treatment Plant (WWTP) discharge permit.</p>			
China			
WWTP Cleaning & Manhole Replacement			
Project # 73812			
Commitment Amount	\$498,000	Closing Date	02/15/2019
Commitment Code(s)	LF1000895	Map Location	11
<p>Project Need: The City of China (City) needs to replace damaged manholes and remove sludge buildup in the wastewater treatment plant (WWTP) and storm water retention basin to address inflow and infiltration (I&I) issues. This will also address TCEQ final effluent limitation violations by the City.</p> <p>Project Description: The City is seeking financial assistance to remove and replace manholes that were impacted by the floodwater of Hurricane Harvey. The damage to the manholes is resulting in excessive I&I. The City is also seeking financial assistance to remove sludge and sediment that has built up in the wastewater collection system and at the WWTP.</p>			
Colorado City			
Wastewater Treatment Plant Headworks Improvements			
Project # 73815			
Commitment Amount	\$2,650,000	Closing Date	06/18/2019
Commitment Code(s)	L1000957	Map Location	12
<p>Project Need: The City of Colorado City's (City) wastewater treatment plant headworks equipment has begun to fail. The grit chamber is currently not functional, the bar screen is not effective at capturing trash material, and the cement material around the bar screen structure has begun to crumble. A January 2018 Texas Commission on Environmental Quality (TCEQ) inspection cited the City for failure to properly maintain the wastewater treatment plant bar screen material.</p> <p>Project Description: The City proposes to replace the existing headworks equipment with a new automatic bar screen, grit trap, grit classifier, sludge belt press, feed pump, associated sludge processing equipment, and piping. The sludge processing equipment would allow the City to dispose of sludge at the local landfill or land apply it on the City's effluent irrigation area near the wastewater treatment plant.</p>			

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Dallas			
Collection System Improvements (5 Year)			
Project # 73757			
Commitment Amount	\$22,000,000	Closing Date	05/13/2019
Commitment Code(s)	LM18067	Map Location	13
<p>Project Need: Dallas Water Utilities' wastewater replacement program appropriates \$20,000,000 per year for the rehabilitation or replacement of aging wastewater infrastructure. The purpose of the program is to maintain integrity of the wastewater collection system and reduction of inflow and infiltration, as well as reduced sanitary sewer overflows resulting from collapsed or broken pipes.</p> <p>Project Description: The City of Dallas will utilize TWDB CWSRF multiyear funding program to rehabilitate or replace small diameter wastewater mains (less than 18-inch) totaling approximately 20 miles per year.</p>			
De Kalb			
Disaster Recovery Repairs to WWTP Due to Tornado Damage			
Project # 73810			
Commitment Amount	\$600,000	Closing Date	04/10/2019
Commitment Code(s)	LF1000944	Map Location	14
<p>Project Need: The City of De Kalb's operates an aging Waste Water Treatment Plant that was constructed in the mid-1980's. In January of 2018 the Treatment Plant sustained significant electrical and structural damage when it was hit by a tornado. The Treatment plant requires significant repairs due to the age and damage from the tornado.</p> <p>Project Description: The City of De Kalb will utilize CWSRF funding for Design and Construction of the Waste Water Treatment Plant Improvements, including the clarifier, electrical system, backup generator, effluent screen, control building, floating brush aerators, and other necessary repairs to the treatment plant.</p>			
Del Rio			
WWTP Improvements			
Project # 73785			
Commitment Amount	\$500,000	Closing Date	05/24/2019
Commitment Code(s)	LM19687	Map Location	15
<p>Need: Numerous operational components at the San Felipe and Silver Lake wastewater treatment plants (WWTP's) have reached the end of their design life and need to be replaced to continue efficient operations and meet permit parameters.</p> <p>Description: The proposed WWTPs improvements will repair and replace failing equipment to maintain ability to meet permit parameters. Improvements include aeration basins, clarifiers, sludge process facilities, headworks, digesters, thickeners, chlorine contact basins, office facilities, and SCADA systems at both plants.</p>			

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Del Rio			
Collection System Improvements			
Project # 73786			
Commitment Amount	\$5,500,000	Closing Date	05/24/2019
Commitment Code(s)	LM19689	Map Location	16
<p>Need: The City of Del Rio (City) collection system problems include blocked and collapsed lines, overflowing lift stations, and areas utilizing septic systems, which have caused sanitary sewer overflows that need to be addressed.</p> <p>Description: The City's proposed project includes replacing collection pipes with a history of failure, or those that are nearing failure, and eliminating lift stations with a history of overflow problems. The project will correct these issues through improvements to the network. The proposed project components are necessary for compliance with the San Felipe Wastewater Treatment Plant and Silver Lake Wastewater Treatment Plant sanitary sewer overflow plans.</p>			
Dublin			
Wastewater Collection System Improvements			
Project # 73799			
Commitment Amount	\$2,900,000	Closing Date	12/19/2018
Commitment Code(s)	L1000795	Map Location	17
<p>Collection system experiences inflow and infiltration due to deteriorated clay tile wastewater lines. Existing populated areas are not served by a centralized collection system.</p> <p>Proposed project will replace existing clay tile wastewater lines to mitigate I/I issues. New collection lines will extend service into unserved areas.</p>			
Gatesville			
Stillhouse Branch WWTP Improvements			
Project # 73776			
Commitment Amount	\$10,000,000	Closing Date	04/25/2019
Commitment Code(s)	L1000691	Map Location	18
<p>Project Need: The Stillhouse Branch Wastewater Treatment Plant (WWTP) is in excess of 90% permitted treatment capacity. TCEQ rules require construction of WWTF improvements to meet existing flows.</p> <p>Project Description: Proposed project would increase the WWTP treatment capacity. Improvements would upgrade influent lift station, influent screening, aeration basin, sludge handling units, disinfection units, pumps, and piping. Land acquisition is required for WWTP buffer zones. A wastewater system master plan will also be completed.</p>			

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Granbury			
Granbury Phase I Wastewater System Improvements Project			
Project # 73813			
Commitment Amount	\$34,950,000	Closing Date	12/18/2018
Commitment Code(s)	L1000891	Map Location	19
<p>The City of Granbury (City) needs to replace its existing wastewater treatment plant (WWTP) that has reached the end of its useful life. Current flows to WWTP exceed 75% of the WWTP's 2.0 million gallons per day (MGD) permitted capacity. When flows exceed 75% of permitted capacity, TCEQ rules require that planning for WWTP expansion must begin. Force mains from the collection system to the existing WWTP cross under Lake Granbury, risking the City's primary drinking water source.</p> <p>The City proposes to construct improvements at its existing WWTP. An additional 1.0 MGD satellite WWTP constructed east of Lake Granbury would bypass force mains that cross under the lake and increase treatment capacity to meet TCEQ's 75% capacity rule. Associated collection system improvements would be constructed to support both WWTPs. Project includes land acquisition for satellite WWTP site.</p>			
Grand Prairie			
WW Collection System Replacement - Various Locations			
Project # 73828			
Commitment Amount	\$3,730,800	Closing Date	08/05/2019
Commitment Code(s)	L1000969, LF1000964	Map Location	20
<p>The City of Grand Prairie proposes to replace approximately 10,477 linear feet of existing 6-inch to 18-inch wastewater mains with 8-inch to 18-inch pipe identified in various locations within the collection system.</p> <p>The City of Grand Prairie intends to replace approximately 10,477 linear feet of existing 6-inch to 18-inch wastewater mains with 8-inch to 18-inch pipe in several locations within the City. These segments were found to have high amounts of I/I and the majority of the lines have been in service for at least 30 years. Eight different wastewater mains have been identified for replacement.</p>			
Greater Texoma UA			
City of Pottsboro Wastewater System Improvements			
Project # 73823			
Commitment Amount	\$8,420,000	Closing Date	07/26/2019
Commitment Code(s)	L1001020	Map Location	21
<p>Project Need: The City of Pottsboro's Waste Water Treatment Plant discharge permit requires the City to initiate engineering and financial planning for expansion based on effluent flows. In addition, aging equipment is in need of repairs and projected population growth in the region will require expansion of the WWTP capacity.</p> <p>Project Description: The City will be utilized CWSRF funding for Planning, Acquisition, Design, and construction of rehabilitation and expansion of the City's Waste Water Treatment plant, from 0.35 to 0.90 MGD.</p>			

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Hardin Co WCID # 1			
Hardin County WCID#1 - Sanitary Sewer Grinder Pump Station (Emergency Relief)			
Project # 73816			
Commitment Amount	\$438,000	Closing Date	03/15/2019
Commitment Code(s)	LF1000924	Map Location	22
<p>Project Need: The Hardin County Water Control and Improvement District No.1's (District) grinder pump stations were damaged due to flooding during Hurricane Harvey. The control panels that were submerged need to be replaced to continue providing sewer service to homeowners and prevent sanitary sewer discharges.</p> <p>Project Description: The District proposes to replace electrical control panels and sanitary sewer grinder pump stations that were damaged due to flooding. Of the 454 stations affected, 364 still need to be replaced as homes are being reoccupied.</p>			
Harris Co MUD # 50			
Sanitary Sewer Repairs			
Project # 73706			
Commitment Amount	\$2,770,000	Closing Date	12/07/2018
Commitment Code(s)	L1000802	Map Location	23
<p>Need: The District has completed a survey of their sanitary sewer system in order to identify the numerous stormwater/sanitary cross connections and leaks within the collection system that require rehabilitation. Also, the District is currently served by a single wastewater treatment plant on the south side of the District which is approaching design capacity.</p> <p>Project Description: The project includes collection system rehabilitation to address I/I issues and potential storm/sanitary sewer system cross connections. The funding will also include the planning, design, and construction of a new wastewater treatment plant to serve the north side of the District. This new plant is estimated to relieve the existing plant of about half of the flow it currently receives.</p>			
Houston			
Emergency Flood Damage Reduction Projects			
Project # 73756			
Commitment Amount	\$44,065,000	Closing Date	09/14/2018
Commitment Code(s)	L1000676	Map Location	24
<p>Project Need: The City of Houston has experienced severe flooding over the 2015 Memorial Day weekend and as recent as April 2016 (commonly referred to as the Tax Day flood). Residents have voiced concern over the lack of progress in completing active federal flood damage reduction projects which have experienced delays due to the cost sharing aspects between the local sponsor, Harris County Flood Control District, and the United States Army Corps of Engineers (USACE).</p> <p>Project Description: The City is requesting financial assistance for stormwater management and flood reduction measures. This request for funding will specifically address flooding in the Brays Bayou watershed through the replacement of eight bridges which have been found to be impediments to stormwater flows in the bayou. The replacement and extension of these bridges is intended to increase the stormwater conveyance capacity of Brays Bayou and is part of a larger project that involves channel widening and detention basin construction to reduce the flooding impacts across the entire watershed.</p>			

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Houston			
Citywide Sanitary Sewer Collection System Rehab			
Project # 73774			
Commitment Amount	\$64,685,000	Closing Date	04/18/2019
Commitment Code(s)	L1000776	Map Location	25
<p>Project Need: The project provides for the rehabilitation/replacement of the existing wastewater collection systems citywide including: sanitary sewer rehabilitation by slip lining and pipe bursting methods, cured-in-place method, or sanitary sewer cleaning and televised inspection in support of rehabilitation. It reduces sanitary sewer overflows in the collection system and optimizes its performance through replacement and rehabilitation of sewer lines, which contribute to significant inflow and infiltration.</p> <p>Project Description: The City proposes to rehabilitate approximately 650,000 linear feet of 6 to 72-inch diameter sewer pipe Citywide. Renewal/replacement of sanitary sewer collection system pipelines by utilizing "point" repairs, slip lining, pipe bursting and "Cured-inPlace" methods.</p>			
Jasper Co WCID # 1			
2018 Sewer Collection System Improvements			
Project # 73805			
Commitment Amount	\$1,480,000	Closing Date	12/18/2018
Commitment Code(s)	L1000889	Map Location	26
<p>Project Need: Jasper County Water Control and Improvement District #1 (District) needs to replace deteriorated concrete sewer collection lines with new gravity sewer PVC lines. The new lines will resist chemical sulfide attack and minimize inflow and infiltration into the collection system.</p> <p>Project Description: The proposed project will replace approximately 11,300 linear feet of gravity sanitary sewer primarily in the north and east-central sections of the District. Sections of the original concrete collection system will be replaced with PVC lines. Cleaning and evaluation of needed repairs on the wastewater treatment plant's Imhoff Tank and aerated lagoon is also proposed in the project.</p>			
Kerr County			
Center Point Wastewater System			
Project # 10366			
Commitment Amount	\$14,426,400	Closing Date	12/10/2018
Commitment Code(s)	L1000681, LF1000748	Map Location	27
<p>Currently there is no centralized wastewater collection or treatment system serving the community of Center Point and surrounding areas in eastern Kerr County. These areas rely on on-site septic systems for wastewater disposal, many of which do not meet current minimum standards and have a history of poor performance and violations.</p> <p>The County proposes to construct a first-time wastewater collection system for a project area that includes the community of Center Point and surrounding areas in eastern Kerr County. The proposed wastewater collection system will ultimately include over 177,000 linear feet of collection and transfer mains, 11 lift stations, 939 wastewater connections, and wastewater treatment plant improvements. Wastewater will be collected from the Center Point area and a corridor along State Highway 27 through eastern Kerr County. It will be treated at the existing Kendall County Water Control and Improvement District No. 1 (District) wastewater treatment plant</p>			

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that serves the City of Comfort area. The project will be completed in three phases. The County has phased the financing of the project into three phases to maximize the amount of principal forgiveness funding for the project. In January 2018, the County created a third phase so that the amount of principal forgiveness made available by the Texas Water Development Board (TWDB) for the project was equal to 70 percent of costs of the second phase. Remaining costs were then allocated to a proposed third phase that the County intends to fund with additional debt and partial principal forgiveness through the Economically Distressed Area Program or Clean Water State Revolving Fund program. The County is attempting to minimize the cost of the project to the future customers of the proposed system. The County awarded a contract for the entire first phase of construction and began work in September 2017 with an estimated completion of November 2019. Construction is currently approximately 10 percent complete. The County expects to provide a total of 443 connections with the first phase. This financial assistance request is for the second phase of construction of the proposed project, which includes approximately 35,000 feet of line, 4 lift stations, 210 wastewater connections, and improvements to the District's wastewater treatment plant. The County intends to complete the project with a future third phase, which will include construction of 30,000 feet of line, 2 lift stations, and approximately 286 wastewater connections.

Kerrville
Kerrville Legion Lift Station
Project # 73801

Commitment Amount	\$8,000,000	Closing Date	12/20/2018
Commitment Code(s)	L1000804	Map Location	28

The demand for wastewater services in the area south of the City of Kerrville's (City) central business district has increased. The increased existing and projected future demand require the replacement of the City's Legion Lift Station located near the intersection of State Highway 27 and Loop 534. Commercial and light-industrial customers are expanding in the service area. The City is also planning for the capacity required to serve additional population due to redevelopment of existing homes and some multi-family development in this area. The lift station currently serves an estimated service area population of 9,948 with a firm pumping capacity of 5.76 million gallons per day.

The proposed new lift station will be designed to serve an estimated population of 16,636 and will provide an ultimate peak flow capacity of 9 million gallons per day. The City will also construct a 20-inch force main to convey wastewater to the water reclamation plant headworks. The existing lift station will be decommissioned.

Laguna Madre WD
Port Isabel WWTP Improvements
Project # 73730

Commitment Amount	\$5,425,000	Closing Date	06/26/2019
Commitment Code(s)	L1000879	Map Location	29

Need: The Laguna Madre Water District (District) plans to diversify and augment its water supply with advanced water reuse. The existing Port Isabel Wastewater Treatment Plant (WWTP) needs facilities and equipment upgrades to produce high-quality effluent that could be further treated at a future advanced water treatment facility. The WWTP's current method of sludge disposal is inefficient and non-compliant with Texas Commission on Environmental Quality (TCEQ) requirements. Additionally, sanitary sewer overflows are creating the need for a wastewater flow monitoring program and lift station rehabilitation.

Description: The project is a multi-phase project to upgrade the WWTP to improve operational reliability and

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effluent quality to ultimately produce high-quality reuse water. Phase 1 is nearly complete and included improvements to the secondary treatment process. Phase 2, the current request, is for planning, design, and construction of a sludge-holding tank at the WWTP. Phase 2 also includes the creation of a wastewater flow monitoring program and the rehabilitation of 18 existing lift stations and a force main within the District's collection system.

Lubbock
Advanced Metering Infrastructure (AMI)
Project # 73820

Commitment Amount	\$20,635,000	Closing Date	03/27/2019
Commitment Code(s)	L1000939, LF1000940	Map Location	30

Need: This project will help the City of Lubbock (City) achieve and maintain the gallons per capita daily use goals set forth in the water conservation plan and allow the end user the ability to be notified sooner of possible leaks. From 2014 to 2017 the City water utilities department received 563 requests for credit due to high water bills. This equates to 32,997,000 gallons of water that could have been saved by customers if there was early leak detection.

Project Description: The City proposes to implement an advanced metering infrastructure (AMI) water project. This project includes the installation of approximately 86,000 new and/or retrofitted water meters that will send data to an integrated communication network. Lubbock Power & Light (LP&L) will implement the integrated communication network with their electric AMI project. However, the City water utilities department serves 132 square miles and LP&L serves 107 square miles of territory. Therefore, the City will need to implement the integrated communication network in the additional 25 square miles that LP&L does not serve.

McAllen
Sprague Sewer
Project # 73633

Commitment Amount	\$7,000,000	Closing Date	11/06/2018
Commitment Code(s)	L1000747	Map Location	31

Need: The City of McAllen (City) has completed the planning and design of the Sprague Road sewer interceptor project, which will allow the City to decommission two lift stations and more directly transport flows by gravity from the new Tres Lagos development to the North Wastewater Treatment Plant (NWWTP). The City also intends to gradually begin to provide first-time sewer service to an area of about 17,000 acres in the northwestern portion of the City's extraterritorial jurisdiction with scattered development and an estimated current population of about 17,000, which is projected to grow to about 100,000 over the next sixty years. Current residents use on-site sewerage facilities to dispose of their wastewater. In addition, the Supervisory Control and Data Acquisition (SCADA) system and electrical components at the NWWTP need to be upgraded or replaced to tie-in all components of the system and improve reliability.

Project Description: The project consists of the construction of phase one of the Sprague Road Sewer interceptor project, decommissioning of two lift stations, and the installation of SCADA system and electrical improvements at the NWWTP. The construction of this phase will improve system efficiencies and allow some new customers, including commercial, along the route of the interceptor to receive first-time sewer service.

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Nome			
2018 CWSRF Sanitary Sewer Urgent Need Project			
Project # 73817			
Commitment Amount	\$500,000	Closing Date	04/05/2019
Commitment Code(s)	LF1000935	Map Location	32
<p>Project Need: The City of Nome is requesting urgent need funding to repair damage to the wastewater treatment plant (WWTP) caused by Hurricane Harvey.</p> <p>Project Description: The proposed project will restore the WWTP to pre-storm condition. The project includes: stabilizing the Facultative Lagoon and Constructed Wetland's levees, restoring wetland vegetation, rehabilitating the control building as well as replacing the air pumps, surface aerators, Equalization Basin pumps and generator.</p>			
North Alamo WSC			
North Weslaco Colonias Wastewater System			
Project # 10445			
Commitment Amount	\$4,995,000	Closing Date	05/28/2019
Commitment Code(s)	G1000925, L1000927, L1000928, LF1000926	Map Location	33
<p>Need: Ten unincorporated subdivisions, located north of the City of Weslaco and within the North Alamo Water Supply Corporation's (Corporation) service area, currently utilize failing septic systems and pit privies. The Texas Department of State Health Services issued a determination that public health and safety nuisance existed due to the failing of the on-site sewage facilities.</p> <p>Project Description: The first phase of the project, which was previously funded and has been completed, included the planning, acquisition, and design of a project to provide first time sewer service to ten unincorporated subdivisions north of the City of Weslaco. The project included a wastewater collection system and a 0.7 million-gallon-per-day (MGD) wastewater treatment plant, which would serve about 780 connections with a population of approximately 3,260. The current funding request will be used to construct the 0.7 wastewater treatment plant and a wastewater collection system in two of the subdivisions (Sunrise Hill and Sunrise 2), which will serve about 309 residential connections with a population of approximately 1,370. The Corporation plans to pursue additional funding in the future to construct the collection system in the remaining eight subdivisions.</p>			
Orange Co DD			
EMERGENCY RELIEF – Stormwater Capacity and Water Quality Restoration			
Project # 73802			
Commitment Amount	\$500,000	Closing Date	10/30/2018
Commitment Code(s)	LF1000818	Map Location	34
<p>Project Need: Hurricane Harvey caused a significant amount of fallen trees, vegetative materials, and other debris fell into or were deposited within Adams Bayou and Cow Bayou. These bayous serve as the two major internal watersheds within Orange County, and the majority of subdivisions and commercial development located within the county drain directly or indirectly into either of the two bayous. This rapid accumulation of debris is impairing drainage within the bayous and increasing the risk of flood-related damage.</p>			

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Project Description: The District is requesting financial assistance for the planning, design, and construction of emergency drainage improvements within the Adams Bayou and Cow Bayou waterways. This includes the removal of hurricane related debris in order to restore the flow and drainage conditions that previously existed.

Orange Co WCID # 1

Disaster Recovery - Project A - Sanitary Sewer Lift Station Restoration Project

Project # 73825

Commitment Amount	\$500,000	Closing Date	04/29/2019
Commitment Code(s)	LF1000910	Map Location	35

Project Need: Orange County Water Control & Improvement District No. 1 (District) needs to rehabilitate the District's Lower Lift Station that was damaged during Hurricane Harvey flooding.

Project Description: The District intends to replace the electrical, controls, pumps, and motors at the lift station. A switch gear and stand-by generator will be installed on a steel platform to elevate the equipment above the flood elevation.

San Juan

Lift Station Improvements

Project # 73637

Commitment Amount	\$2,213,000	Closing Date	05/09/2019
Commitment Code(s)	L1000933, LF1000942	Map Location	36

Need: The City of San Juan (City) must address capacity issues within its wastewater collection system, which cause raw water overflows, overcharging manholes, and backups in residences due to lift stations that are unable to meet capacity needs during rain events.

Project Description: The design of the project, which was previously funded, includes expansion, upgrading, replacing, and decommissioning of several lift stations as well as new force mains to convey the flows in the northern part of the City directly to the City's wastewater treatment plant, bypassing the City's existing central system. The project will be built in two phases. The current first phase will replace lift station no. 13 in its existing location to provide increased capacity and install approximately 5,300 linear feet of 8-inch force main for lift station no. 13 to discharge at lift station no. 17.

San Juan

Wastewater Treatment Plant Improvements

Project # 73796

Commitment Amount	\$9,207,000	Closing Date	05/09/2019
Commitment Code(s)	L1000937, LF1000943	Map Location	37

Need: The City of San Juan (City) must rehabilitate and replace its wastewater treatment plant (WWTP) equipment in order to meet minimum requirements of the Texas Commission on Environmental Quality (TCEQ) and to bring the plant up to newer, more modern treatment standards.

Description: The project will repair and replace aged or nonfunctional equipment throughout the WWTP, including headworks, mechanical screen and grit chamber, aeration basins, gravity thickener, clarifiers, reuse water system, disinfection system, electrical controls, and metering equipment. The project will also include construction of a new office/control and laboratory building, installation of a new supervisory control and data acquisition (SCADA) system, and overall site improvements.

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San Marcos
 Upper San Marcos NPS Land Acquisition
 Project # 73783

Commitment Amount	\$3,209,900	Closing Date	10/30/2018
Commitment Code(s)	L1000688, LF1000779	Map Location	38

Project Need: The Upper San Marcos River is impaired due to the presence of Total Dissolved Solids in excess of the regulatory threshold. Spring Lake and the Upper San Marcos River experience increased turbidity and declines in water quality after rainfall events with Sink Creek as the probable cause of the substantial loads of sediment and nutrients.

Project Description: Based upon the results of multiple plans to improve water quality in the Edwards Aquifer and San Marcos River, the City of San Marcos is proposing to acquire property to mitigate non-point source pollution to the Edwards Aquifer and the San Marcos Springs and River. The City is considering one parcel of undeveloped property located over the Edwards Aquifer Recharge Zone and within the Sink Creek drainage basin. The parcel will require construction of fencing to isolate it from the original parent tract, and to protect significant recharge structures or other sensitive areas from disturbance.

Sunbelt FWSD
 Oakwilde Wastewater Treatment Facility Modifications for 0.70 MGD Treatment Capacity
 Project # 73787

Commitment Amount	\$8,265,000	Closing Date	09/27/2018
Commitment Code(s)	L1000753	Map Location	39

Project Need: Funding is for construction of the Oakwilde Wastewater Treatment Facility (WWTF) to address shortfall in funding originally received under TWDB Loan 21691. Facility design was delayed, with a resulting impact on construction cost.

Description: The existing metal package treatment plant is experiencing structural, mechanical, and electrical stability issues due to corrosion and age leading to difficulty in meeting permitted effluent discharge parameters. The Oakwilde WWTF is currently permitted to treat 0.45 Million Gallons per Day (MGD) and has reached the 75 percent capacity level requiring planning for expansion or alternate treatment. The District is constructing a new plant to treat 0.70 MGD. The Oakwilde WWTF currently serves approximately 4,500 persons (estimated 2,000 connections) and has un-served areas within the service area that are expected to request service in the near future. Once the new facility is complete, the existing leased WWTF and some of the associated buildings will be removed. Some site modification may be required as determined by a mitigation evaluation.

Terrell
 City of Terrell Clean Water Improvements
 Project # 73807

Commitment Amount	\$5,215,000	Closing Date	04/26/2019
Commitment Code(s)	LM19882	Map Location	40

The City of Terrell (City) needs to make treatment process improvements at its existing wastewater treatment plant (WWTP) in order to stay in compliance with Texas Commission on Environmental Quality's wastewater permit requirements. Also, several collection lines in the City's sewer system require replacement due to age of

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infrastructure that will reduce main failures, including inflow and infiltration.

Project Description: The City will make treatment process improvements at its Kings Creek WWTP which will be constructed in two phases. Phase one will consist of adding Chemical Enhanced Primary Treatment and new primary clarifier. Phase two will include a new activated sludge treatment train along with a new secondary clarifier and expanded chemical contact basin. The City will also replace failing main sewer components in the collection system.

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Project Funding Considered "Equivalency" - SFY 2019					
Recipient	Project ID	Commitment #	Amount	Commitment Date	Closing Date
Arlington	73827	LF1000966	\$ 716,695	02/25/2019	07/25/2019
Arlington	73827	L1000972	4,435,000	02/25/2019	07/25/2019
Austin	73843	LM211041	10,400,000	10/03/2019	N/A
Austin	73843	LM231041	8,300,000	10/03/2019	N/A
Austin	73843	LM201041	11,200,000	10/03/2019	N/A
Austin	73843	LM221041	23,100,000	10/03/2019	N/A
Brady	73638	LF1001006	4,250,000	05/09/2019	08/08/2019
Brady	73638	L1001004	8,400,000	05/09/2019	08/08/2019
Brady	73638	L1001005	2,035,000	05/09/2019	08/08/2019
Childress	73844	LF1001048	374,999	10/03/2019	N/A
Childress	73844	L1001033	895,000	10/03/2019	N/A
Cleburne	73821	LF1001003	1,000,000	06/24/2019	N/A
Cleburne	73821	L1001022	41,000,000	06/24/2019	N/A
Dripping Springs	73819	LM20993	10,395,000	04/10/2019	N/A
Dripping Springs	73819	LF1000993	1,000,000	04/10/2019	N/A
Dripping Springs	73819	LM19993	23,500,000	04/10/2019	N/A
Dripping Springs	73819	LM21993	9,500,000	04/10/2019	N/A
Grand Prairie	73828	L1000969	3,180,000	02/25/2019	08/05/2019
Grand Prairie	73828	LF1000964	550,800	02/25/2019	08/05/2019
Greater Texoma UA	73823	L1001020	8,420,000	06/04/2019	07/26/2019
Houston	73814	L1000938	46,185,000	04/23/2019	N/A
Lubbock	73820	L1000939	19,635,000	01/22/2019	03/27/2019
Lubbock	73820	LF1000940	1,000,000	01/22/2019	03/27/2019
Marlin	73822	L1000996	3,055,000	10/03/2019	N/A
Marlin	73822	LF1000997	1,190,000	10/03/2019	N/A
North Alamo WSC	10445	L1000927	3,055,000	12/13/2018	05/28/2019
North Alamo WSC	10445	L1000928	1,440,000	12/13/2018	05/28/2019
North Alamo WSC	10445	LF1000926	500,000	12/13/2018	05/28/2019
San Juan	73637	LF1000942	498,000	02/04/2019	05/09/2019
San Juan	73637	L1000933	1,715,000	02/04/2019	05/09/2019
San Juan	73796	L1000937	6,645,000	02/04/2019	05/09/2019
San Juan	73796	LF1000943	2,562,000	02/04/2019	05/09/2019
Wolfe City	73833	L1001014	2,035,000	05/09/2019	N/A
Wolfe City	73833	L1000949	2,325,000	05/09/2019	N/A
Wolfe City	73833	LF1001013	400,000	05/09/2019	N/A
Totals	35		\$ 264,892,494		

"Equivalency" funding as defined in the SFY 2019 Intended Use Plan.

Amount of Grant (2018 Appropriations): \$ 73,361,000
Percentage: 361%

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CWSRF Project Starts					
Entity	Commitment #	Project ID	Closing Date	Start Date	Net Amount
Anahuac	L1000565	73736	05/05/2017	06/13/2019	\$ 11,440,000
Bonham	L1000542	73735	11/29/2016	11/26/2018	3,800,000
Brookshire MWD	LF1000786	73797	07/25/2018	12/03/2018	490,000
Cypress Creek UD	L1000680	73770	05/16/2018	11/05/2019	2,970,000
Greater Texoma UA	L1000617	73758	09/19/2017	02/18/2019	480,000
Greater Texoma UA	L1000682	73775	03/27/2018	09/18/2018	2,300,000
Hudson	L1000446	73714	10/22/2015	10/23/2019	410,000
Hudson	L1000606	73714	05/16/2017	10/23/2019	4,295,908
Hurst	L1000730	73784	06/07/2018	11/26/2018	1,360,000
Hurst	LF1000731	73784	06/07/2018	11/26/2018	235,800
Johnson City	L1000346	73698	07/16/2015	11/20/2018	895,000
Llano	L1000686	73780	06/20/2018	09/04/2018	630,000
Llano	LF1000734	73780	06/20/2018	09/04/2018	108,000
Montgomery	L1000604	73740	05/11/2017	09/09/2019	1,090,000
North Alamo WSC	L1000927	10445	05/28/2019	08/19/2019	3,055,000
North Alamo WSC	L1000928	10445	05/28/2019	08/19/2019	1,440,000
North Alamo WSC	LF1000926	10445	05/28/2019	08/19/2019	500,000
North Fort Bend WA	L1000510	73721	08/25/2016	07/15/2019	9,420,000
North Fort Bend WA	LF1000509	73721	08/25/2016	07/15/2019	1,632,000
Rio Grande City	L1000069	73644	11/20/2013	09/03/2018	1,930,000
San Jacinto RA	L1000635	73764	11/07/2017	09/05/2018	42,895,000
Stephenville	L1000715	73744	07/10/2018	03/25/2019	17,030,000
Totals		16	unique projects		\$ 108,406,708

CWSRF Project Completions					
Entity	Commitment #	Project ID	Closing Date	Completion Date	Net Amount
Angelina & Neches RA	L1000257	73677	06/10/2014	10/09/2018	\$ 205,000
Angelina & Neches RA	LF1000258	73677	06/05/2014	10/09/2018	469,013
Angelina & Neches RA	L1000622	73677	09/08/2017	10/09/2018	1,400,000
Angelina & Neches RA	L1000396	73677	01/29/2016	10/09/2018	1,820,000
Angelina & Neches RA	LF1000397	73677	01/29/2016	10/09/2018	3,176,250
Brookshire MWD	LF1000786	73797	07/25/2018	08/05/2019	490,000
Llano	L1000686	73780	06/20/2018	04/17/2019	630,000
Llano	LF1000734	73780	06/20/2018	04/17/2019	108,000
Memorial Point UD	L1000533	73728	08/25/2016	08/12/2019	2,045,000
Roscoe	L1000205	73666	12/19/2013	01/31/2019	1,040,000
San Antonio Water System	L1000546	73732	12/15/2016	05/21/2019	14,360,000
Totals		6	unique projects		\$ 25,743,263

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Clean Water Benefits Reporting Statement

The Texas Water Development Board (TWDB) complied with the FFY 2018 Capitalization Grant requirement to report all use of funds into the Clean Water Benefits Reporting system (CBR). This reporting was completed before the last day of the month following the month of closing on TWDB financial assistance. All projects listed as “commitments closed” (see table on page B.3) were reported to CBR and the National Information Management System (NIMS) accordingly.

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Special Appropriations Act Program

The Special Appropriations Act Program (SAAP) provides funding for water and wastewater projects. Financial Assistance funds are distributed directly to the recipients by the EPA with construction management and program oversight being performed by the TWDB. The TWDB receives 3% of the project's total costs to monitor construction and provide construction/administration assistance for the Texas projects.

The TWDB has assisted the EPA with 37 projects under this program. A few of the SAAP projects have received additional funding from TWDB Financial Assistance Programs. As of August 31, 2019, 34 projects have been completed.

The TWDB's duties include; attendance and participation in pre-construction conferences; comparing completion percentages and milestones with the approved project schedule; conducting interim inspections; reviewing bid documents, change orders and reimbursement requests; and providing recommendations and construction progress reports to EPA Region 6.

Below is a list of the current Texas SAAP projects:

Project Name	Project #	Estimated Completion Date
Fort Bend Co FWSD 1 CWSRF-GR-SAAP	21524	07/30/2021
Joshua Mountain Valley/Village Creek Drainage Improvements	80036	03/17/2020
Temple SAAP Little Elm Trunk Sewer	80035	03/01/2020

Attachment A: Letter to EPA regarding the “CPA to Go” Initiative

November 14, 2018

Ms. Claudia V. Hosch
Associate Director, Assistance Programs Branch
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Re: "CPA to Go" Initiative - Use of fees generated under the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) programs

Dear Ms. Hosch: *Claudia*

The Texas Water Development Board (TWDB) is pleased to notify you that we will be developing and implementing a pilot program called "CPA to Go" using fees collected under the Clean and Drinking Water State Revolving Fund programs.

Under this program, the TWDB will contract with Certified Public Accountants (CPAs) to provide auditing and technical assistance services to designated recipients of TWDB funding under the State Revolving Fund (SRF) programs. The TWDB will select recipients determined to be in need of special assistance from a CPA to maintain adequate compliance with the requirements of the SRF programs.

The contracted CPA's anticipated work activities would fall into two broad categories of services for the designated recipients.

First, under Audit Services, the contracted CPA would undertake compliance monitoring in the following areas for designated recipients not required to file a federal Single Audit:

- Activities allowed/unallowed, including compliance with financial instrument covenants,
- Allowable costs/cost principles,
- Federal funding eligibility, and/or
- Financial Reporting.

Our Mission

To provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas

Board Members

Peter M. Lake, Chairman | Kathleen Jackson, Board Member | Brooke T. Paup, Board Member
Jeff Walker, Executive Administrator

Second, under Technical Assistance, the CPAs will provide professional services in areas such as the following:

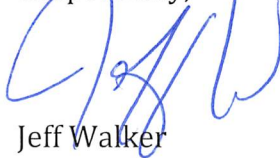
- Advising recipients on the design and implementation of internal control procedures, particularly those addressing Internal Controls Over Financial Reporting in response to material weakness and significant deficiency control weaknesses identified in audits of Comprehensive Annual Financial Reports and/or in Single Audit Reports and Management Letters (or the equivalent),
- Assisting recipients in the preparation of financial statements required by the covenants of loan and other financial commitment documents that require compliance with Generally Accepted Accounting Principles and Generally Accepted Government Accounting Standards. This assistance will not include actually performing the independent audit of the entity's financial statement, or
- Assisting recipients in the identification and interpretation of funding commitment provisions and covenants when requested by the TWDB and best practices related to disclosure recommendations.

While these provide examples of the contracted CPA services contemplated at this time, the TWDB may alter the scope of services under this program to reflect the needs of the agency and the recipients.

The TWDB anticipates allocating a total of \$200,000 of origination fees generated under the SRF programs to the initial "CPA to Go" pilot program. The expenditures under the CPA contracts will be allocated to the respective SRF programs based on the initial amount provided under existing SRF loans with the designated recipient. The TWDB considers the planned activities to be administrative activities under the CWSRF program and administration / technical assistance under the DWSRF program.

We would appreciate any suggestions and look forward to keeping EPA Region 6 apprised of the progress of this new effort that will benefit the TWDB's SRF programs.

Respectfully,



Jeff Walker
Executive Administrator

c.:

Mr. Salvador Gandara, Chief, Community Infrastructure Section, EPA-Region 6
Mr. Dave Reazin, CWSRF Fund Coordinator, EPA-Region 6
Mr. Javier M. Ballí, DWSRF Fund Coordinator, EPA-Region 6

“CPA to Go” Program

Clean and Drinking Water State Revolving Fund programs

SECTION II – STATEMENT OF WORK

2.1 DESCRIPTION OF SERVICES

TWDB is seeking Certified Public Accountants (Consultants) with experience in providing professional services to entities that have received financing through the federal Clean Water State Revolving Fund or the Drinking Water State Revolving Fund programs (Recipients).

Work Activities - Audit Services.

Work performed will be limited to engagements to monitor Recipients which are exempted from the requirement to file a federal Single Audit. TWDB will identify specific engagement procedures and the entity to be monitored. The Consultant must conduct the work in accordance with U.S. Government Accountability Office’s Generally Accepted Government Auditing Standards attestation standards. Work performed under this provision will be limited in scope to one or more of the following compliance requirements:

- Activities allowed/unallowed, including compliance with financial instrument covenants,
- Allowable costs/cost principles,
- Federal funding eligibility, and/or
- Financial Reporting.

Work Activities - Technical Assistance.

Work performed will be considered technical assistance. TWDB will identify the specific type of assistance which is needed and the entity to which it will be provided. Consultants will provide guidance regarding best practices. Examples of technical assistance may include but are not limited to:

- Advise Recipients on the design and implementation of internal control procedures, particularly those addressing internal controls over financial reporting (ICFR) in response to material weakness and significant deficiency control weaknesses identified in audits of comprehensive annual financial reports (CAFR) and/or in Single Audit Reports (SAR) and management letters (or equivalent).
- Assist Recipients in the preparation of financial statements required by the covenants of loan and other financial commitment documents (commitments); Such

financial statements must be prepared in compliance with generally accepted accounting principles (GAAP) and generally accepted government accounting standards issued by the Government Accounting Standards Board (GASB). This assistance will not include actually performing the independent audit of the entity's financial statement.

- Assist Recipients in the identification and interpretation of funding commitment provisions and covenants when requested by the TWDB and best practices disclosure recommendations.

The TWDB will be solely responsible for allocating the professional services projects to Consultants.

Attachment B: SFY 2019 Annual Financial
Report – CWSRF Financial Statements

Texas Water Development Board

**CLEAN WATER
STATE REVOLVING FUND**

Annual Financial Report

For the Year Ended
August 31, 2019

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- **Exhibit II – Combined Statement of Revenues, Expenses, and Changes in Net Position**
- **Exhibit III – Combined Statement of Cash Flows**

Notes to the Financial Statements

Combining Statements:

- **Exhibit F-1 – Combining Statement of Net Position**
- **Exhibit F-2 – Combining Statement of Revenues, Expenses, and Changes in Net Position**

Schedule 1 – Loans and Contracts

**General
Purpose
Financial
Statements**

UNAUDITED

Clean Water State Revolving Fund

Exhibit I - Combined Statement of Net Position - Enterprise Funds

August 31, 2019

	Total Enterprise Funds (Exhibit F-1)
ASSETS	
Current Assets:	
Cash in Bank	\$ 0.02
Cash Equivalents	246,888,716.41
Short Term Investments	302,965,549.93
Receivables from:	
Federal	287,796.80
Interest and Dividends	10,539,379.56
Loans and Contracts	111,820,900.00
Total Current Assets	<u>672,502,342.72</u>
Non-Current Assets:	
Loans and Contracts	2,503,533,630.00
Investments	27,871,621.96
Total Non-Current Assets	<u>2,531,405,251.96</u>
Total Assets	<u>3,203,907,594.68</u>
LIABILITIES	
Current Liabilities:	
Payables from:	
Accounts Payable	14,461.43
Interest Payable	981,991.67
Interfund Payables	13,417,322.93
Due to Other Funds	902,333.25
Revenue Bonds Payable	12,109,484.00
Total Current Liabilities	<u>27,425,593.28</u>
Non-Current Liabilities: (Note 5)	
Interfund Payable	101,746,193.19
Revenue Bonds Payable	265,491,491.11
Total Non-Current Liabilities	<u>367,237,684.30</u>
Total Liabilities	<u>394,663,277.58</u>
NET POSITION	
Unrestricted	<u>2,809,244,317.10</u>
Total Net Position	<u>\$ 2,809,244,317.10</u>

The accompanying notes to the financial statements are an integral part of this statement.

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Clean Water State Revolving Fund

**Exhibit II - Combined Statement of Revenues, Expenses, and
Changes in Fund Net Position - Enterprise Funds**

For the Fiscal Year Ended August 31, 2019

	Total Enterprise Funds (Exhibit F-2)
OPERATING REVENUES:	
Interest and Investment Income (PR - OP Grants/Contributions)	\$ 22,651,169.38
Net Increase (Decrease) Fair Market Value (PR - OP Grants/Contributions)	192,233.78
Other Operating Revenue (GR)	5,661,354.00
Total Operating Revenues	28,504,757.16
OPERATING EXPENSES:	
Salaries and Wages	2,675,854.61
Payroll Related Costs	509,344.47
Professional Fees and Services	446,422.09
Travel	30,557.17
Materials and Supplies	2,705.94
Communication and Utilities	11,277.41
Repairs and Maintenance	37.64
Rentals and Leases	28,597.76
Printing and Reproduction	224.84
Interest	15,341,907.20
Other Operating Expenses	19,582.42
Total Operating Expenses	19,066,511.55
Operating Income (Loss)	9,438,245.61
NONOPERATING REVENUES (EXPENSES):	
Federal Revenue (PR - Grants/Contributions)	72,591,900.72
Other Benefit Payments (PR - Grants/Contributions)	(1,438,000.00)
Other Nonoperating Revenue (Expenses)	(26,000,295.00)
Total Nonoperating Revenue (Expenses)	45,153,605.72
Income/(Loss) Before Other Revenues, Expenses, Gains/Losses and Transfers	54,591,851.33
OTHER REVENUES, EXPENSES, GAINS/LOSSES AND TRANSFERS:	
Transfers In	-
Transfers Out	-
Total Other Revenue, Expenses, Gain/Losses and Transfers	-
Change in Net Position	54,591,851.33
Total Net Position - Beginning	2,754,652,465.77
Total Net Postion, August 31, 2019	\$ 2,809,244,317.10

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Clean Water State Revolving Fund

Exhibit III - Combined Statement of Cash Flows - Enterprise Funds

For the Fiscal Year Ended August 31, 2019

	Total Enterprise Funds
CASH FLOWS FROM OPERATING ACTIVITIES	
Payments to Suppliers for Goods and Services	\$ (197,412.53)
Payments to Employees	(3,214,474.49)
Net Cash Provided by Operating Activities	(3,411,887.02)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES	
Proceeds from Debt Issuance	25,061,598.26
Proceeds from Transfers from Other Funds	901,849,830.28
Proceeds from Grant Receipts	72,589,330.18
Proceeds from Other Financing Activities	67,852,559.36
Payments of Principal on Debt Issuance	(19,099,191.77)
Payments of Interest	(19,414,151.15)
Payments of Other Costs of Debt Issuance	(214,674.71)
Payments for Transfers to Other Funds	(901,849,830.28)
Payments for Grant Disbursements	(27,438,295.00)
Payments for Other Uses	(22,543.16)
Net Cash Provided by Noncapital Financing Activities	99,314,632.01
CASH FLOWS FROM INVESTING ACTIVITIES	
Proceeds from Interest and Investment Income	569,068,902.71
Proceeds from Principal Payments on Non-Program Loans	307,301,800.00
Payments for Non-program Loans Provided	(904,852,308.01)
Net Cash Provided by Investing Activities	(28,481,605.30)
Net (Decrease) in Cash and Cash Equivalents	67,421,139.69
Cash and Cash Equivalents--September 1, 2018	179,467,576.74
Cash and Cash Equivalents--August 31, 2019	\$ 246,888,716.43

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Clean Water State Revolving Fund

Exhibit III - Combined Statement of Cash Flows - Enterprise Funds (cont.)

For the Fiscal Year Ended August 31, 2019

	<u>Total Enterprise Funds</u>
Reconciliation of Operating Income to Net Cash Provided by Operating Activities	
Operating Income (Loss)	\$ 9,438,245.61
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities	
Operating Income and Cash Flow Categories:	
Changes in Assets and Liabilities:	
(Increase) Decrease in Receivables	41,220,596.40
(Increase) Decrease in Loans & Contracts	(19,393,200.00)
(Increase) Decrease in Unearned Revenues	617,106.99
Increase (Decrease) in Payables	(2,807,407.42)
Increase (Decrease) in Deposits	(36,643,191.03)
Increase (Decrease) in Other Liabilities	4,155,962.43
Total Adjustments	<u>(12,850,132.63)</u>
Net Cash Provided by Operating Activities	<u>\$ (3,411,887.02)</u>
Non-Cash Transactions	
Net Increase (Decrease) in Fair Value of Investments	192,233.78
Loans Foreclosed and Related Property Acquired	

**Notes
to the
Financial
Statements**

Notes to the Financial Statements

NOTE 1: Summary of Significant Accounting Policies

Entity

The accompanying financial statements reflect the financial position of the Texas Water Development Board (TWDB). TWDB is an agency of the state of Texas and its financial records comply with state statutes and regulations. This includes compliance with the Texas Comptroller of Public Accounts' Reporting Requirements of State Agencies and Universities.

The TWDB was created as an agency of the state in 1957, when the voters of the state approved an amendment adding Section 49-c to Article 3 of the Texas Constitution. The TWDB is primarily responsible for administering state and federally funded financing programs for water-related projects, water resource planning, data collection, and studies relative to the surface and ground water resources of Texas.

Due to the statewide requirements embedded in Governmental Accounting Standards Board (GASB) Statement No. 34, *Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments*, the Comptroller of Public Accounts does not require the accompanying annual financial report to comply with all the requirements in this statement. The financial report will be considered for audit by the State Auditor as part of the audit of the State of Texas Comprehensive Annual Financial Report; therefore, an opinion has not been expressed on the financial statements and related information contained in this report.

Fund Structure

The accompanying financial statements are presented on the basis of funds, each of which is considered a separate accounting entity.

Proprietary Fund Type

Proprietary funds focus on determining operating income, changes in financial position and cash flows. Generally accepted accounting principles similar to those used by private sector businesses are applied in accounting for these funds. Enterprise funds may be used to report any activity for which a fee is charged to external users for goods or services. TWDB reports the following enterprise funds.

- State Revolving Funds (Appropriated Fund 9999) – funds held outside the treasury for purposes of the following federally supported programs
 - Clean Water State Revolving Fund (Account 0651)

Basis of Accounting

The basis of accounting determines when revenues and expenditures or expenses are recognized in the accounts reported in the financial statements. The accounting and financial reporting treatment applied to a fund is determined by its measurement focus.

Proprietary funds are accounted for on the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned and expenses are recognized at the time liabilities are incurred.

Proprietary funds distinguish operating from non-operating items. Operating revenues and expenses result from providing services or producing and delivering goods in connection with the proprietary fund's principal ongoing operations. Operating expenses for the enterprise funds

Texas Water Development Board (580)

include the cost of sales and services, administrative expenses, and depreciation on capital assets.

Net Position and Fund Balances

When both restricted and unrestricted resources are available for use, restricted resources are used first, then unrestricted resources are used as they are needed.

Assets, Liabilities, and Fund Balances / Net Position**Assets****Cash and Cash Equivalents**

Cash held in the state treasury and any short-term highly liquid investments with an original maturity of three months or less.

Investments

Amounts invested related to programs of the TWDB. Investments are reported at fair value. See Note 3 for more information on investments.

Interest and Dividends Receivable

Accrued interest receivable on loans and contracts as of the balance sheet date is included in the proprietary funds. For the governmental funds, interest due as of the balance sheet date is only accrued if it is expected to be received within the next 60 days.

Notes / Loans and Contracts Receivable

Although collateralized by bonds of the receiving entity, loans made to political subdivisions are presented as Notes/Loans and Contracts Receivable at par. The portion due within the next year is shown separately as a current asset with the remainder as noncurrent. See Schedule 6 for a detailed listing of all outstanding loans and contracts receivable by program.

Restricted Assets

Restricted assets include monies or other resources restricted by legal or contractual requirements. These assets include proceeds of enterprise fund general obligation and revenue bonds and revenues set aside for statutory or contractual requirements

Liabilities**Accounts Payable**

Accounts payable represents the liability for the value of assets or services received at the balance sheet date for which payment is pending.

Bonds Payable – Revenue Bonds

Revenue bonds are generally accounted for in the proprietary funds. The bonds payable are reported at par less unamortized discount or plus unamortized premium. Interest expense is reported on the accrual basis, with amortization of discount or premium. Bonds Payable are reported separately as either current – the amount due within the next year – or noncurrent in the statement of net position.

Texas Water Development Board (580)**Fund Balance / Net Position**

"Fund balance" is the difference between assets plus deferred outflows of resources and liabilities plus deferred inflows of resources on the governmental fund statements. "Net position" is the difference between assets plus deferred outflows of resources and liabilities plus deferred inflows of resources on the government-wide, proprietary, and fiduciary fund statements.

Fund Balance Components

Fund balances for proprietary funds are classified as restricted in the fund financial statements.

- Restricted fund balance includes those resources that have constraints placed on their use through external parties — such as creditors, grantors, contributors, laws or regulations of other governments — or by law through constitutional provisions or enabling legislation.

Net Position Components

The potential categories for net position include

- Restricted net position – restricted assets reduced by liabilities and deferred inflows or resources related to those assets. Assets are restricted when constraints placed on net resources are either externally imposed by creditors, grantors, contributors, and the like, or imposed by law through constitutional provisions or enabling legislation.

Interfund Activities and Balances

The agency has the following types of transactions among funds:

- (1) Transfers: Legally required transfers that are reported when incurred as 'Transfers In' by the recipient fund and as 'Transfers Out' by the disbursing fund.
- (2) Reimbursements: Reimbursements are repayments from funds responsible for expenditures or expenses to funds that made the actual payment. Reimbursements of expenditures made by one fund for another that are recorded as expenditures in the reimbursing fund and as a reduction of expenditures in the reimbursed fund. Reimbursements are not displayed in the financial statements.
- (3) Interfund receivables and payables: Interfund loans are reported as Interfund receivables and payables. If repayment is due during the current year or soon thereafter it is classified as "Current", repayment for two (or more) years is classified as "Non-Current".

See Note 4 for details of the TWDB's interfund activity and transactions.

Texas Water Development Board (580)

Statement of Cash Flows

Cash Flows from Investing ActivitiesNon-program Loans

The loans that the TWDB makes to entities such as cities, counties, and other political subdivisions do not meet the criteria for inclusion as Cash Flows from Operating Activities on the Statement of Cash Flows. The loans made by the TWDB are referred to on the Statement of Cash Flows as "non-program" loans to distinguish them from loans made to individuals, and their cash flows are included as Cash Flows from Investing Activities.

Classification Differences

Although the primary operation of the TWDB's enterprise funds is the borrowing and lending of money for water related projects, the major components of the Operating Income or Loss on the Statement of Revenues, Expenses, and Changes in Fund Net Position are classified on the Statement of Cash Flows as either Cash Flows from Investing Activities (Interest and Investment Income) or Cash Flows from Noncapital Financing Activities (Interest Expense).

NOTE 2: Deposits, Investments and Repurchase Agreements

The agency is authorized by statute to make investments, and does so in accordance with Chapter 365 of the Texas Water Development Board rules. There were no violations of legal provisions during the period.

Investments

As of August 31, 2019, the fair value of investments is as presented below.

Government and Business-Type Activities	Fair Value Hierarchy			Total
	Level 1	Level 2	Level 3	
INVESTMENTS AT FAIR VALUE				
Commercial Paper (Texas Treasury Safekeeping Trust Co)	\$ 163,497,037.51	\$ -	\$ -	\$ 163,497,037.51
U.S. Government Agency Obligations (Texas Treasury Safekeeping Trust Co)	143,034,408.74			143,034,408.74
Total Investment at Fair Value	\$ 306,531,446.25	\$ -	\$ -	\$ 306,531,446.25
INVESTMENTS AT AMORTIZED COST				
Repurchase Agreement (Texas Treasury Safekeeping Trust Co)				\$ 271,194,442.05
Total Investment at Amortize Cost				\$ 271,194,442.05
Total Investments-Gov't & Business Type				\$ 577,725,888.30

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Texas Water Development Board (580)

Custodial credit risk for investments is the risk that, in the event of the failure of the counterparty, the agency will not be able to recover the value of its investments or collateral security that are in the possession of an outside party. The agency will only make payment for and accept delivery of securities on a delivery versus payment basis, and securities are held in the name of the agency. As of August 31, 2019, investments were not exposed to custodial credit risk.

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. As required by the agency's investment policy, investments purchased must be rated as to investment quality by a nationally recognized investment rating firm with a minimum of an 'A' rating. Furthermore, our investment policy requires that repurchase agreements be collateralized by obligations of the U.S. Government or U.S. Government Agencies. As of August 31, 2019, the agency's credit quality distribution of securities and repurchase agreements with credit risk exposure was as follows.

Standard and Poor's

Fund Type	GAAP Fund	Investment Type	Amount	Rating
05	3050	Commercial Paper (Texas Treasury Safekeeping Trust Co)	\$ 163,497,037.51	A1, A1+
05	3050	Repurchase Agreement (Texas Treasury Safekeeping Trust Co)	\$ 271,194,442.05	Not Rated
05	3050	U.S. Government Agency Obligations (Texas Treasury Safekeeping Trust Co)	\$ 143,034,408.74	Not Rated

NOTE 3: Long-Term Liabilities

Changes in Long-Term Liabilities

During the year ended August 31, 2019, the following changes occurred in long-term liabilities:

Business-Type Activities	Balance 09-01-18	Additions/(Reductions)	Balance 08-31-19	Amounts Due Within One Year	Amounts Due Thereafter
Notes & Loans Payable (Interfund)	\$129,042,707.89	(\$13,879,191.77)	\$115,163,516.12	\$13,417,322.93	\$101,746,193.19
Revenue Bonds Payable	\$259,565,820.91	\$18,035,154.20	\$277,600,975.11	\$12,109,484.00	\$265,491,491.11
Total Business-Type Activities	\$388,608,528.80	\$4,155,962.43	\$392,764,491.23	\$25,526,806.93	\$367,237,684.30

NOTE 4: Interfund Activity and Transactions

Interfund activity refers to financial interactions between funds and/or blended component units and is restricted to internal events. Interfund transactions refer to financial interactions between TWDB and another agency of the state of Texas.

Texas Water Development Board (580)

Interfund Activity

Interfund transfers represent the flow of assets (cash or goods) without equivalent flow of assets in return or a requirement for repayment. In governmental funds, transfers are reported as other financing uses or sources. Transfers are reported in proprietary funds after nonoperating revenues and expenses in the statement of revenues, expenses and changes in fund net position. Amounts not transferred at fiscal year-end are accrued as due to/due from other funds.

Activities between funds that represent lending/borrowing arrangements outstanding at the end of the fiscal year are interfund loans. Individual interfund receivables and payables balances as of August 31, 2019, were as follows:

	Interfund Receivables	Interfund Payables	Current	Noncurrent	Purpose
Enterprise (05)	DFUND (FT05) Appd Fund 0371, D23 Fund 0371	CWSRF (FT05) Appd Fund 9999 D23 Fund 0651	\$13,417,322.93	\$101,746,193.19	State Match Loan
Total Interfund Receivable/Payable			\$13,417,322.93	\$ 101,746,193.19	

Interfund Transactions

Federal and State Pass-Throughs are recorded for activity between TWDB and other state agencies related to federal or state grant awards. Amounts not transferred at fiscal year-end are accrued as due to/due from other agencies.

NOTE 5: Contingencies and Commitments

Disclosure of Contingent Liabilities

Federal Costs

As a prime contractor with a federal granting agency, the TWDB is contingently liable to refund any disallowed costs to the granting agency. As of August 31, 2019, there were no disallowed costs.

Outstanding Loan and Grant Commitments

As of August 31, 2019, the TWDB had made commitments to provide political subdivisions and non-profit entities financing from the proceeds remaining from current bond issues, and from the proceeds of future bond issues, from federal draw downs, or from appropriations as follows:

	For Loans	For Grants	Total
Clean Water State Revolving Fund (CWSRF)*	284,285,000.00	3,400,000.00	287,685,000.00
Total Commitments	\$284,285,000.00	\$3,400,000.00	\$287,685,000.00

* CWSRF Grants refer to Loan Forgiveness

Texas Water Development Board (580)

NOTE 6: Bonded Indebtedness

As discussed more fully in the sections that follow, the TWDB is authorized through various statutory and constitutional provisions to issue general obligation and revenue bonds and private activity bonds.

Miscellaneous Bond Information (Amounts in Thousands)							
Description of Issue	Bonds Issued to Date	Date Issued	Range of Interest Rates	Maturities			
				First Year	Last Year	First Call Date	
STATE REVOLVING FUND							
State Revolving Fund Rev Bds New Ser'18	288,395,000	4/26/2018	4.000%	5.000%	2019	2038	08/01/2027
State Revolving Fund Rev Bds New Ser'19	221,005,000	4/24/2019	4.000%	5.000%	2020	2039	08/01/2029

Revenue Bonds

The Texas Constitution and Water Code authorize the TWDB to issue revenue bonds backed by pledged revenue sources and restricted funds. The TWDB had two revenue bond series outstanding at August 31, 2019 in the State Revolving Fund.

The TWDB has authority to sell revenue bonds for the following purposes:

- (1) To finance the construction of water and wastewater projects of political subdivisions and non-profit water supply corporations;
- (2) To provide interim financing to political subdivisions that are also receiving long-term financing from the TWDB;
- (3) To provide the state matching funds for federal grants under the Federal Water Pollution Control and the Safe Drinking Water Acts.

State Revolving Fund

Subchapter J, Chapter 15 and Subchapter I, Chapter 17, Texas Water Code, as amended, authorize the TWDB to issue an unlimited amount of revenue bonds to fund certain eligible projects. TWDB's revenue bonds do not constitute a debt of the State and neither the full faith nor credit, nor the taxing authority of the State is in any manner pledged, given, or loaned for the payment of the revenue bonds. Further, the TWDB's revenue bonds issued pursuant to these provisions are not secured by or payable from money in DFUND II, but are secured by the repayments of political subdivision loans and certain assets in the State Water Pollution Control Revolving Fund and the Safe Drinking Water State Revolving Fund, commonly referred to as the Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF), respectively.

In fiscal year 2019, the TWDB issued State Revolving Fund Revenue Bonds, New Series 2019, in a par amount of \$221,005,000 with a premium of \$42,370,679.55. The bonds were issued to

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Texas Water Development Board (580)

finance the acquisition of political subdivision bonds, including state match requirements, and to pay issuance costs of \$630,690.81 and underwriter's discount of \$744,988.74.

Pledged Future Revenues

Pledged revenues are those specific revenues that are formally committed to directly secure the payment of bond debt service. The table below provides information on pledged revenue and pledged future revenue of the TWDB's revenue bonds.

	SRF Revenue Bonds
Pledged Revenue Required for Future Principal and Interest on Existing Bonds	\$766,715,800.00
Term of Commitment Year Ending Aug. 31	2039
Percentage of Revenue Pledged	100%
Current Year Pledged Revenue	\$483,507,188.76
Current Year Principal and Interest Paid	\$27,821,992.52

NOTE 7: Loans and Contracts

The Board purchases bonds from political subdivisions (including private water supply corporations). As of August 31, 2019, the balance of these bonds owned by the Board was \$2,615,354,530. In general, the majority of these bonds pays interest semi-annually and principal annually and allow for early redemption ten years after the original date of issuance. All bonds are secured by either pledged revenue or taxes. Interest rates on the bonds range from 0.00% to 6.00% maturing through the year 2050. It is the opinion of management that all bonds are fully collectible; therefore, no provision for uncollectible amounts is included in these financial statements.

NOTE 8: Available Federal Funds

As of August 31, 2019, there was \$2,090,606.84 balance of Federal Funds available through the Automated Standard Application for Payments that remained undrawn for the State Revolving Fund.

NOTE 9: Status of Available Administrative Funding

Cost-recovery loan origination and servicing charges are imposed to cover administrative costs of operating the State Revolving Fund, but an interest rate subsidy is offered to offset the charges. There was \$5,661,354.00 collected on loans made during the fiscal year ending August 31, 2019. The administrative account had expenses totaling \$157,884.28 in Fiscal Year 2019.

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Texas Water Development Board (580)

NOTE 10: State Match Requirement

As of August 31, 2019, \$393,943,856 had been provided for state match. Also, as of August 31, 2019, the total amount of federal capitalization grants awarded was \$2,248,841,141. The state match required for all capitalization grants awarded as of that date was \$393,943,856 leaving no balance to match future capitalization grants.

Combining Statements

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Clean Water State Revolving Fund

Exhibit F-1 - Combining Statement of Net Position - Enterprise Funds

August 31, 2019

	Clean Water Loan Program	Administration (Federal)	Administration (Fees)	Totals (Exhibit I)
ASSETS				
Current Assets:				
Cash and Cash Equivalents:				
Cash in Bank	\$ 0.02	\$ -	\$ -	\$ 0.02
Cash Equivalents	241,218,009.07	-	5,670,707.34	246,888,716.41
Short Term Investments	232,076,363.18	-	70,889,186.75	302,965,549.93
Receivables from:				
Federal	-	287,796.80	-	287,796.80
Interest and Dividends	10,403,783.23	-	135,596.33	10,539,379.56
Loans and Contracts	111,820,900.00	-	-	111,820,900.00
Total Current Assets	595,519,055.50	287,796.80	76,695,490.42	672,502,342.72
Non-Current Assets:				
Loans and Contracts	2,503,533,630.00	-	-	2,503,533,630.00
Investments	27,871,621.96	-	-	27,871,621.96
Total Non-Current Assets	2,531,405,251.96	-	-	2,531,405,251.96
Total Assets	3,126,924,307.46	287,796.80	76,695,490.42	3,203,907,594.68
LIABILITIES				
Current Liabilities:				
Payables from:				
Accounts Payable	14,461.43	-	-	14,461.43
Interest Payable	981,991.67	-	-	981,991.67
Interfund Payables	13,417,322.93	-	-	13,417,322.93
Due to Other Funds	614,536.45	287,796.80	-	902,333.25
Revenue Bonds Payable	12,109,484.00	-	-	12,109,484.00
Total Current Liabilities	27,137,796.48	287,796.80	-	27,425,593.28
Non-Current Liabilities:				
Interfund Payables	101,746,193.19	-	-	101,746,193.19
Revenue Bonds Payable	265,491,491.11	-	-	265,491,491.11
Total Non-Current Liabilities	367,237,684.30	-	-	367,237,684.30
Total Liabilities	394,375,480.78	287,796.80	-	394,663,277.58
NET POSITION				
Unrestricted	2,732,548,826.68	-	76,695,490.42	2,809,244,317.10
Total Net Position	\$ 2,732,548,826.68	\$ -	\$ 76,695,490.42	\$ 2,809,244,317.10

The accompanying notes to the financial statements are an integral part of this statement.

UNAUDITED

Clean Water State Revolving Fund

**Exhibit F-2 - Combining Statement of Revenues, Expenses,
and Changes in Fund Net Position - Enterprise Funds**

For the Fiscal Year Ended August 31, 2019

	Clean Water Loan Program	Administration (Federal)	Administration (Fees)	Totals (Exhibit II)
OPERATING REVENUES:				
Interest and Investment Income	\$ 21,046,345.38	\$ -	\$ 1,604,824.00	\$ 22,651,169.38
Net Increase (Decrease) Fair Market Value	168,618.47	-	23,615.31	192,233.78
Other Operating Revenue (GR)	-	-	5,661,354.00	5,661,354.00
Total Operating Revenues	21,214,963.85	-	7,289,793.31	28,504,757.16
OPERATING EXPENSES:				
Salaries and Wages	-	2,675,854.61	-	2,675,854.61
Payroll Related Costs	-	509,344.47	-	509,344.47
Professional Fees and Services	134,860.74	153,677.07	157,884.28	446,422.09
Travel	(1,288.78)	31,845.95	-	30,557.17
Materials and Supplies	-	2,705.94	-	2,705.94
Communication and Utilities	(911.36)	12,188.77	-	11,277.41
Repairs and Maintenance	-	37.64	-	37.64
Rentals and Leases	(205.35)	28,803.11	-	28,597.76
Printing and Reproduction	224.84	-	-	224.84
Interest	15,341,907.20	-	-	15,341,907.20
Other Operating Expenses	(2,960.74)	22,543.16	-	19,582.42
Total Operating Expenses	15,471,626.55	3,437,000.72	157,884.28	19,066,511.55
Operating Income (Loss)	5,743,337.30	(3,437,000.72)	7,131,909.03	9,438,245.61
NONOPERATING REVENUE (EXPENSES):				
Federal Revenue (PR - Grants/Contributions)	69,154,900.00	3,437,000.72	-	72,591,900.72
Other Benefit Payments (PR - Grants/Contributions)	(1,438,000.00)	-	-	(1,438,000.00)
Other Nonoperating Revenue (Expenses)	(26,000,295.00)	-	-	(26,000,295.00)
Total Nonoperating Revenue (Expenses)	41,716,605.00	3,437,000.72	-	45,153,605.72
Income/(Loss) Before Other Revenues, Expenses, Gains/Losses and Transfers	47,459,942.30	-	7,131,909.03	54,591,851.33
Transfers In	-	-	-	-
Transfers Out	-	-	-	-
Total Other Revenue, Expenses, Gain/Losses and Transfers	-	-	-	-
Change in Net Position	47,459,942.30	-	7,131,909.03	54,591,851.33
Total Net Position - Beginning	2,685,088,884.38	-	69,563,581.39	2,754,652,465.77
Total Net Position, August 31, 2019	\$ 2,732,548,826.68	\$ -	\$ 76,695,490.42	\$ 2,809,244,317.10

Schedules

UNAUDITED

Texas Water Development Board
Schedule 6 - Loans and Contracts
 For the Fiscal Year Ended August 31, 2019

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Clean Water State Revolving Fund				
Abilene	\$ 18,370,000.00	\$ 18,370,000.00	02/15/2020	02/15/2039
Acton MUD	550,000.00	495,000.00	05/01/2019	05/01/2028
Acton MUD	8,210,000.00	7,820,000.00	05/01/2019	05/01/2038
Agua SUD	2,375,000.00	2,180,000.00	08/01/2017	08/01/2044
Agua SUD	8,150,000.00	7,700,000.00	08/01/2018	08/01/2045
Alamo	4,000,000.00	1,925,000.00	03/01/2009	03/01/2027
Alamo	1,000,000.00	910,000.00	03/01/2018	03/01/2037
Alamo	10,335,000.00	10,335,000.00	03/01/2021	03/01/2047
Alba	990,000.00	985,000.00	08/15/2019	08/15/2048
Aledo	675,000.00	-	08/15/2013	08/15/2042
Aledo	2,110,000.00	1,810,000.00	08/15/2013	08/15/2042
Aledo	3,345,000.00	2,880,000.00	08/15/2013	08/15/2042
Aledo	1,900,000.00	1,585,000.00	08/15/2013	08/15/2042
Alice	4,257,000.00	3,207,000.00	02/01/2013	02/01/2042
Alice	2,054,000.00	1,550,000.00	02/01/2013	02/01/2042
Alton	500,000.00	475,000.00	08/15/2018	08/15/2047
Alvord	420,000.00	125,000.00	10/01/2005	10/01/2024
Amarillo	8,495,000.00	6,170,000.00	04/01/2014	04/01/2033
Amarillo	12,500,000.00	11,885,000.00	04/01/2019	04/01/2038
Anahuac	11,440,000.00	11,210,000.00	10/15/2018	10/15/2047
Angelina & Neches RA	205,000.00	125,000.00	10/01/2015	10/01/2024
Angelina & Neches RA	1,820,000.00	1,805,000.00	10/01/2017	10/01/2045
Angelina & Neches RA	1,400,000.00	1,395,000.00	10/01/2018	10/01/2047
Anthony	4,000,000.00	3,280,000.00	08/15/2012	08/15/2039
Aqua WSC	54,530.00	28,530.00	04/15/2014	03/15/2024
Aransas Pass	1,115,000.00	415,000.00	02/01/2006	02/01/2025
Arcola	1,380,000.00	1,060,000.00	03/01/2009	03/01/2038
Arlington	13,885,000.00	7,635,000.00	06/01/2011	06/01/2030
Arlington	3,430,000.00	2,555,000.00	06/01/2015	06/01/2034
Arlington	2,080,000.00	1,765,000.00	06/01/2017	06/01/2036
Arlington	4,775,000.00	4,265,000.00	06/01/2018	06/01/2036
Arlington	4,650,000.00	4,405,000.00	06/01/2019	06/01/2037
Arlington	4,435,000.00	4,435,000.00	06/01/2020	06/01/2039
Austin	31,815,000.00	24,385,000.00	11/15/2012	11/15/2041
Azle	13,595,000.00	8,905,000.00	02/01/2013	02/01/2030
Bacliff MUD	4,890,000.00	1,475,000.00	09/01/2004	09/01/2023
Bacliff MUD	4,890,000.00	2,010,000.00	09/01/2006	09/01/2025
Bedford	630,000.00	420,000.00	02/01/2013	02/01/2032
Bell Co WCID # 2	1,055,000.00	680,000.00	09/01/2010	09/01/2029
Blanco	3,150,000.00	3,050,000.00	08/15/2019	08/15/2047
Blanco	2,550,000.00	2,465,000.00	08/15/2019	08/15/2048
Blossom	275,000.00	-	01/01/2000	01/01/2019
Bonham	1,675,000.00	570,000.00	02/15/2007	02/15/2026
Bonham	3,800,000.00	3,570,000.00	02/15/2018	02/15/2046
Bonham	4,810,000.00	4,810,000.00	02/15/2020	02/15/2049
Brady	1,210,000.00	750,000.00	09/01/2015	09/01/2024
Brady	8,400,000.00	8,400,000.00	09/01/2021	09/01/2050
Brady	2,035,000.00	2,035,000.00	09/01/2021	09/01/2050
Breckenridge	840,000.00	715,000.00	03/15/2015	03/15/2044
Bridgeport	2,365,000.00	400,000.00	08/15/2004	08/15/2023
Brownsboro	700,000.00	210,000.00	08/15/2005	08/15/2024

UNAUDITED

Texas Water Development Board
Schedule 6 - Loans and Contracts
For the Fiscal Year Ended August 31, 2019

Recipient	Original	Outstanding	Due	Due
	Amount	Balance	From	To
Bryan	1,270,000.00	-	07/01/2010	07/01/2019
Bryan	15,685,000.00	11,925,000.00	07/01/2012	07/01/2030
Buffalo Gap	400,000.00	330,000.00	11/15/2012	11/15/2041
Burnet	11,425,000.00	8,265,000.00	02/01/2012	02/01/2040
Burnet	9,900,000.00	7,830,000.00	02/01/2014	02/01/2042
Caddo Mills	4,430,000.00	3,735,000.00	08/15/2014	08/15/2041
Cameron	710,000.00	230,000.00	02/01/2005	02/01/2024
Cameron	1,800,000.00	615,000.00	02/01/2006	02/01/2024
Cameron	860,000.00	600,000.00	03/01/2013	03/01/2032
Cameron	12,000,000.00	10,690,000.00	03/01/2017	03/01/2042
Castroville	375,000.00	160,000.00	02/01/2014	02/01/2023
Castroville	3,050,000.00	2,460,000.00	08/01/2016	08/01/2035
Castroville	9,050,000.00	7,930,000.00	08/01/2016	08/01/2045
Castroville	1,500,000.00	1,405,000.00	08/01/2018	08/01/2047
Celina	4,480,000.00	-	09/01/2009	09/01/2028
Center	2,070,000.00	1,670,000.00	02/15/2014	02/15/2035
Cibolo Creek MA	1,500,000.00	260,000.00	07/10/2003	07/10/2022
Cibolo Creek MA	2,745,000.00	1,780,000.00	07/10/2011	07/10/2031
Cibolo Creek MA	24,440,000.00	19,015,000.00	07/10/2013	07/10/2037
Cisco	475,000.00	250,000.00	02/15/2015	08/15/2024
Cisco	1,550,000.00	1,550,000.00	02/15/2020	02/15/2049
Cleveland	555,000.00	335,000.00	03/01/2010	03/01/2029
Cleveland	2,360,000.00	1,555,000.00	03/01/2012	03/01/2031
Colorado City	2,650,000.00	2,650,000.00	03/15/2021	03/15/2039
Comanche	755,000.00	680,000.00	09/01/2015	09/01/2044
Commerce	2,005,000.00	800,000.00	08/15/2008	08/15/2027
Commerce	3,490,000.00	2,455,000.00	02/15/2011	02/15/2040
Cotulla	3,350,000.00	3,350,000.00	02/01/2020	02/01/2047
Cranfills Gap	605,000.00	125,000.00	09/01/2002	09/01/2021
Cushing	510,000.00	470,000.00	09/01/2015	09/01/2044
Cypress Creek UD	2,970,000.00	2,970,000.00	09/01/2019	09/01/2047
Dallas	22,000,000.00	22,000,000.00	10/01/2019	10/01/2047
Dallas	22,000,000.00	22,000,000.00	10/01/2020	10/01/2048
Del Rio	5,000,000.00	4,260,000.00	06/01/2013	06/01/2042
Del Rio	500,000.00	500,000.00	06/01/2022	06/01/2048
Del Rio	5,500,000.00	5,500,000.00	06/01/2022	06/01/2048
DeLeon	2,350,000.00	1,150,000.00	02/15/2010	02/15/2029
Dell City	75,000.00	50,000.00	02/15/2015	02/15/2024
Detroit	925,000.00	75,000.00	07/01/2002	07/01/2020
Dublin	2,900,000.00	2,900,000.00	12/15/2019	12/15/2048
Eagle Pass	10,110,000.00	-	12/01/2005	12/01/2024
Early	8,365,000.00	8,135,000.00	02/15/2017	02/15/2046
East Cedar Creek FWSD	1,500,000.00	565,000.00	01/01/2006	01/01/2025
Eastland	975,000.00	585,000.00	02/15/2010	02/15/2029
Eastland	6,765,000.00	6,105,000.00	02/15/2018	02/15/2037
Edcouch	1,055,000.00	900,000.00	01/01/2014	01/01/2042
Edinburg	4,020,000.00	2,350,000.00	03/01/2010	03/01/2029
El Campo	150,000.00	90,000.00	02/01/2016	02/01/2025
El Paso	14,000,000.00	-	03/01/2010	03/01/2029
El Paso	22,000,000.00	-	03/01/2010	03/01/2029
El Paso	2,163,000.00	1,290,000.00	03/01/2012	03/01/2031
Eldorado	1,200,000.00	920,000.00	08/01/2014	08/01/2035
Eldorado	575,000.00	500,000.00	08/01/2017	08/01/2036

UNAUDITED

Texas Water Development Board

Schedule 6 - Loans and Contracts

For the Fiscal Year Ended August 31, 2019

Recipient	Original	Outstanding	Due	Due
	Amount	Balance	From	To
Ennis	4,500,000.00	4,295,000.00	02/01/2019	02/01/2038
Eules	2,380,000.00	2,020,000.00	07/15/2017	07/15/2035
Eules	2,785,000.00	2,660,000.00	07/15/2019	07/15/2038
Evadale WCID # 1	1,550,000.00	315,000.00	07/01/2003	07/01/2022
Fairfield	4,415,000.00	1,075,000.00	09/01/2003	09/01/2022
Farmersville	5,845,000.00	5,560,000.00	06/15/2019	06/15/2037
Farwell	1,500,000.00	1,425,000.00	02/15/2019	02/15/2038
Fort Bend Co FWSD # 1	6,935,000.00	3,195,000.00	08/15/2008	08/15/2027
Fort Bend Co FWSD # 1	5,285,000.00	4,265,000.00	08/15/2012	08/15/2039
Fort Worth	33,560,000.00	15,860,000.00	03/01/2009	03/01/2027
Fort Worth	28,000,000.00	16,515,000.00	02/15/2011	02/15/2030
Fort Worth	39,000,000.00	31,660,000.00	02/15/2016	02/15/2035
Fort Worth	16,045,000.00	15,095,000.00	02/15/2018	02/15/2047
Gatesville	10,000,000.00	10,000,000.00	09/01/2020	09/01/2039
Gladewater	3,900,000.00	3,740,000.00	08/15/2018	08/15/2037
Granbury	34,950,000.00	34,950,000.00	08/15/2021	08/15/2048
Grand Prairie	1,805,000.00	-	01/15/2014	01/15/2019
Grand Prairie	5,110,000.00	4,330,000.00	01/15/2018	01/15/2030
Grand Prairie	3,180,000.00	3,180,000.00	01/15/2020	01/15/2039
Greater Texoma UA	500,000.00	65,000.00	07/01/2001	07/01/2020
Greater Texoma UA	400,000.00	180,000.00	06/01/2007	06/01/2026
Greater Texoma UA	3,870,000.00	1,685,000.00	06/01/2007	06/01/2026
Greater Texoma UA	3,430,000.00	1,880,000.00	06/01/2009	06/01/2028
Greater Texoma UA	3,710,000.00	-	10/01/2008	10/01/2027
Greater Texoma UA	2,705,000.00	1,735,000.00	10/01/2010	10/01/2029
Greater Texoma UA	3,975,000.00	2,720,000.00	10/01/2011	10/01/2029
Greater Texoma UA	1,400,000.00	895,000.00	06/01/2011	06/01/2029
Greater Texoma UA	2,825,000.00	2,500,000.00	08/15/2013	08/15/2041
Greater Texoma UA	1,730,000.00	1,390,000.00	06/01/2015	06/01/2034
Greater Texoma UA	2,085,000.00	1,830,000.00	08/15/2015	08/15/2041
Greater Texoma UA	1,780,000.00	1,465,000.00	10/01/2015	10/01/2034
Greater Texoma UA	3,560,000.00	3,155,000.00	10/01/2016	10/01/2035
Greater Texoma UA	640,000.00	565,000.00	10/01/2016	10/01/2035
Greater Texoma UA	165,000.00	155,000.00	10/01/2017	10/01/2041
Greater Texoma UA	480,000.00	470,000.00	10/01/2018	10/01/2047
Greater Texoma UA	2,300,000.00	2,195,000.00	08/15/2019	08/15/2038
Greater Texoma UA	8,420,000.00	8,420,000.00	06/01/2020	06/01/2049
Greenville	20,000,000.00	12,065,000.00	02/15/2011	02/15/2030
Groesbeck	2,000,000.00	800,000.00	02/15/2008	02/15/2027
Harris Co FWSD # 47	4,365,000.00	-	09/01/2010	09/01/2028
Harris Co MUD # 33	2,195,000.00	1,935,000.00	03/01/2013	03/01/2036
Harris Co MUD # 46	2,275,000.00	1,865,000.00	05/01/2010	05/01/2032
Harris Co MUD # 50	1,500,000.00	800,000.00	03/01/2009	03/01/2028
Harris Co MUD # 50	2,460,000.00	1,985,000.00	03/01/2016	03/01/2034
Harris Co MUD # 50	2,770,000.00	2,705,000.00	03/01/2019	03/01/2047
Harris Co MUD # 148	2,855,000.00	1,780,000.00	04/01/2012	04/01/2031
Harris Co WCID # 36	5,000,000.00	2,950,000.00	09/15/2010	09/15/2028
Harris Co WCID # 89	7,565,000.00	3,220,000.00	10/01/2010	10/01/2029
Hidalgo Co MUD # 1	3,520,000.00	2,370,000.00	02/15/2010	02/15/2039
Hidalgo Co MUD # 1	1,500,000.00	1,030,000.00	02/15/2013	02/15/2032
Hillcrest Village	300,000.00	-	03/15/2001	03/15/2019
Honey Grove	1,000,000.00	75,000.00	09/01/2000	09/01/2019
Houston	45,050,000.00	-	11/15/2008	11/15/2037

UNAUDITED

Texas Water Development Board
 Schedule 6 - Loans and Contracts
 For the Fiscal Year Ended August 31, 2019

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Houston	52,650,000.00	42,800,000.00	11/15/2008	11/15/2037
Houston	61,545,000.00	-	11/15/2009	11/15/2038
Houston	15,110,000.00	11,520,000.00	11/15/2010	11/15/2039
Houston	22,795,000.00	20,440,000.00	11/15/2011	11/15/2040
Houston	58,245,000.00	52,525,000.00	11/15/2011	11/15/2040
Houston	49,900,000.00	40,870,000.00	11/15/2013	11/15/2042
Houston	48,750,000.00	40,215,000.00	11/15/2013	11/15/2042
Houston	65,000,000.00	56,225,000.00	11/15/2014	11/15/2043
Houston	55,005,000.00	48,370,000.00	11/15/2015	11/15/2044
Houston	63,435,000.00	57,660,000.00	11/15/2016	11/15/2045
Houston	65,750,000.00	63,720,000.00	11/15/2018	11/15/2046
Houston	64,680,000.00	64,680,000.00	11/15/2019	11/15/2047
Houston	44,065,000.00	44,065,000.00	03/01/2020	03/01/2041
Houston	64,685,000.00	64,685,000.00	11/15/2020	11/15/2048
Hudson	410,000.00	335,000.00	08/15/2016	08/15/2045
Hudson	3,735,000.00	3,375,000.00	08/15/2018	08/15/2036
Huntington	125,000.00	75,000.00	02/01/2015	02/01/2024
Huntington	1,180,000.00	1,080,000.00	02/01/2018	02/01/2037
Hurst	1,360,000.00	1,300,000.00	08/15/2019	08/15/2038
Hutto	2,520,000.00	1,945,000.00	08/01/2013	08/01/2036
Hutto	21,740,000.00	19,190,000.00	08/01/2017	08/01/2039
Ingram	175,000.00	80,000.00	02/15/2014	02/15/2023
Ingram	1,185,000.00	1,110,000.00	02/15/2016	02/15/2043
Ingram	803,000.00	554,000.00	02/15/2011	02/15/2040
Jarrell	7,895,000.00	4,345,000.00	08/01/2007	08/01/2026
Jarrell	1,520,000.00	1,245,000.00	08/01/2010	08/01/2038
Jarrell	12,000,000.00	11,175,000.00	08/01/2018	08/01/2042
Jasper Co WCID #1	1,480,000.00	1,480,000.00	03/15/2020	03/15/2043
Jefferson	1,630,000.00	1,480,000.00	02/15/2018	02/15/2037
Jefferson Co WCID # 10	2,750,000.00	1,845,000.00	08/15/2011	08/15/2030
Jefferson Co WCID # 10	1,000,000.00	910,000.00	08/15/2018	08/15/2037
Johnson City	895,000.00	835,000.00	08/01/2016	08/01/2035
Keller	5,835,000.00	4,050,000.00	02/15/2013	02/15/2032
Kermit	4,595,000.00	2,325,000.00	02/15/2009	02/15/2028
Kerr County	570,000.00	190,000.00	02/15/2013	02/15/2022
Kerr County	185,000.00	185,000.00	02/15/2020	02/15/2041
Kerr County	5,110,000.00	5,110,000.00	02/15/2020	02/15/2041
Kerr County	4,330,000.00	4,330,000.00	02/15/2021	02/15/2047
Kerrville	8,000,000.00	8,000,000.00	08/15/2021	08/15/2050
Kirbyville	1,370,000.00	1,115,000.00	11/15/2016	11/15/2035
La Feria	385,000.00	180,000.00	09/15/2006	09/15/2025
La Joya	2,155,000.00	907,000.00	03/01/2008	03/01/2027
La Joya	4,565,000.00	3,170,000.00	09/01/2010	09/01/2039
La Porte	10,635,000.00	9,710,000.00	03/15/2018	03/15/2037
Laguna Madre WD	5,815,000.00	4,975,000.00	03/01/2017	03/01/2036
Laguna Madre WD	5,425,000.00	5,425,000.00	03/01/2020	03/01/2034
Lake Worth	290,000.00	164,000.00	02/01/2011	02/01/2030
Laredo	48,750,000.00	38,830,000.00	03/01/2013	03/01/2042
Laredo	22,075,000.00	19,375,000.00	03/01/2016	03/01/2045
Liberty	8,100,000.00	4,090,000.00	03/01/2009	03/01/2028
Liberty	900,000.00	630,000.00	03/01/2017	03/01/2026
Liberty Hill	1,345,000.00	-	09/01/2008	09/01/2027
Liberty Hill	6,785,000.00	-	09/01/2008	09/01/2027

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Recipient	Original Amount	Outstanding Balance	Due From	Due To
Littlefield	1,910,000.00	920,000.00	02/15/2008	02/15/2027
Llano	3,390,000.00	3,390,000.00	09/15/2019	09/15/2038
Llano	630,000.00	630,000.00	09/15/2019	09/15/2038
Lorraine	665,000.00	220,000.00	09/01/2004	09/01/2023
Lorena	2,260,000.00	1,225,000.00	07/01/2009	07/01/2028
Lorenzo	705,000.00	-	08/15/2000	08/15/2019
Los Fresnos	4,975,000.00	4,025,000.00	02/01/2010	02/01/2039
Los Fresnos	820,000.00	575,000.00	02/01/2016	02/01/2025
Lower Valley WD	20,600,000.00	10,845,000.00	09/15/2008	09/15/2027
Lubbock	35,000,000.00	31,500,000.00	02/15/2018	02/15/2037
Lubbock	19,635,000.00	19,635,000.00	02/15/2020	02/15/2039
Marfa	1,265,000.00	600,000.00	03/15/2009	03/15/2026
Martin	2,255,000.00	1,250,000.00	07/01/2007	07/01/2026
Martin	3,000,000.00	2,790,000.00	07/01/2014	07/01/2042
Mart	810,000.00	-	09/01/1999	09/01/2018
McAllen	1,190,000.00	395,000.00	02/01/2013	02/01/2022
McAllen	6,655,000.00	5,625,000.00	02/01/2014	02/01/2043
McAllen	2,995,000.00	1,230,000.00	02/01/2014	02/01/2023
McAllen	40,000,000.00	37,160,000.00	02/01/2016	02/01/2045
McAllen	7,110,000.00	7,070,000.00	02/01/2018	02/01/2047
McAllen	39,485,000.00	28,420,000.00	02/01/2011	02/01/2040
McAllen	7,000,000.00	7,000,000.00	02/01/2021	02/01/2048
Memorial Point UD	2,045,000.00	1,860,000.00	04/01/2018	04/01/2036
Mercedes	1,265,000.00	435,000.00	02/15/2008	02/15/2027
Mercedes	7,530,000.00	745,000.00	02/15/2010	02/15/2029
Mercedes	3,255,000.00	2,455,000.00	02/15/2015	02/15/2033
Mission	16,140,000.00	14,670,000.00	02/15/2017	02/15/2044
Montgomery	1,090,000.00	990,000.00	03/01/2018	03/01/2037
Mount Calm	100,000.00	5,000.00	09/01/2000	09/01/2019
Mount Vernon	525,000.00	430,000.00	09/01/2014	09/01/2043
Nacogdoches	10,365,000.00	3,295,000.00	03/01/2006	03/01/2025
North Alamo WSC	3,055,000.00	3,055,000.00	08/01/2020	08/01/2039
North Alamo WSC	1,440,000.00	1,440,000.00	08/01/2020	08/01/2039
North Fort Bend WA	9,420,000.00	9,080,000.00	12/15/2018	12/15/2040
North Fort Bend WA	2,070,000.00	2,070,000.00	12/15/2020	12/15/2040
NW Harris Co MUD # 22	3,080,000.00	2,310,000.00	04/01/2016	04/01/2030
Oak Ridge North	4,600,000.00	3,710,000.00	04/01/2012	04/01/2034
Olney	285,000.00	180,000.00	09/01/2015	09/01/2024
Olney	2,440,000.00	2,340,000.00	09/01/2017	09/01/2046
Orange Co WCID # 1	2,500,000.00	-	02/15/2010	02/15/2029
Orange Co WCID # 1	11,115,000.00	1,300,000.00	02/15/2012	02/15/2031
Orange Co WCID # 1	13,610,000.00	9,870,000.00	08/15/2012	08/15/2031
Orange Co WCID # 2	500,000.00	200,000.00	03/01/2014	03/01/2023
Paducah	945,000.00	735,000.00	02/15/2010	02/15/2038
Palestine	3,745,000.00	1,200,000.00	07/15/2005	07/15/2022
Palestine	860,000.00	315,000.00	07/15/2007	07/15/2025
Palestine	4,665,000.00	2,115,000.00	07/15/2008	07/15/2027
Palestine	600,000.00	340,000.00	07/15/2010	07/15/2029
Pearland	11,100,000.00	8,635,000.00	09/01/2017	09/01/2025
Pearland	50,100,000.00	46,380,000.00	09/01/2017	09/01/2045
Pecos City	6,870,000.00	4,125,000.00	03/15/2010	03/15/2034
Pine Village PUD	845,000.00	190,000.00	03/01/2001	03/01/2020
Point	1,370,000.00	370,000.00	07/01/2006	07/01/2025

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 For the Fiscal Year Ended August 31, 2019

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Port Arthur	6,995,000.00	4,245,000.00	02/15/2016	02/15/2025
Quinlan	1,675,000.00	1,590,000.00	02/15/2018	02/15/2037
Ralls	130,000.00	75,000.00	02/01/2015	02/01/2024
Ranger	300,000.00	120,000.00	02/15/2014	02/15/2023
Raymondville	1,365,000.00	1,000,000.00	04/01/2011	04/01/2040
Redwater	470,000.00	200,000.00	06/01/2007	06/01/2026
Rio Grande City	2,885,000.00	1,595,000.00	02/15/2011	02/15/2030
Rio Grande City	1,930,000.00	1,490,000.00	02/15/2014	02/15/2033
River Oaks	7,000,000.00	6,600,000.00	06/15/2018	06/15/2047
Robstown	2,635,000.00	2,295,000.00	12/01/2012	12/01/2041
Robstown	490,000.00	410,000.00	12/01/2015	12/01/2035
Rogers	2,160,000.00	2,150,000.00	08/15/2019	08/15/2047
Rogers	240,000.00	230,000.00	08/15/2019	08/15/2032
Roma	3,035,000.00	220,000.00	05/01/2001	05/01/2020
Roma	1,150,000.00	367,000.00	05/01/2005	05/01/2024
Roscoe	1,560,000.00	600,000.00	02/15/2008	02/15/2027
Roscoe	1,040,000.00	955,000.00	02/15/2016	02/15/2045
Rosenberg	410,000.00	206,000.00	08/01/2010	08/01/2029
Roxton	1,000,000.00	500,000.00	07/01/2008	07/01/2027
Sabinal	600,000.00	180,000.00	08/15/2012	08/15/2031
San Antonio River Authority	4,300,000.00	2,195,000.00	01/01/2015	01/01/2024
San Antonio River Authority	9,500,000.00	9,080,000.00	01/01/2019	01/01/2038
San Antonio Water System	8,070,000.00	3,625,000.00	05/15/2008	05/15/2027
San Antonio Water System	17,930,000.00	13,580,000.00	05/15/2011	05/15/2040
San Antonio Water System	54,300,000.00	41,210,000.00	05/15/2010	05/15/2039
San Antonio Water System	18,095,000.00	14,540,000.00	05/15/2012	05/15/2041
San Antonio Water System	19,630,000.00	15,545,000.00	05/15/2013	05/15/2042
San Antonio Water System	60,100,000.00	50,815,000.00	05/15/2014	05/15/2043
San Antonio Water System	38,260,000.00	32,910,000.00	05/15/2015	05/15/2044
San Antonio Water System	14,360,000.00	13,295,000.00	05/15/2017	05/15/2046
San Augustine	1,050,000.00	1,010,000.00	02/15/2012	02/15/2040
San Jacinto RA	42,895,000.00	42,895,000.00	10/01/2019	10/01/2042
San Juan	445,000.00	135,000.00	01/01/2013	01/01/2022
San Juan	2,285,000.00	2,220,000.00	01/01/2019	01/01/2047
San Juan	1,270,000.00	1,235,000.00	01/01/2019	01/01/2048
San Juan	1,715,000.00	1,715,000.00	01/01/2020	01/01/2049
San Juan	6,645,000.00	6,645,000.00	01/01/2020	01/01/2049
San Marcos	410,000.00	250,000.00	08/15/2015	08/15/2025
San Marcos	4,760,000.00	4,320,000.00	08/15/2018	08/15/2037
San Marcos	1,000,000.00	910,000.00	08/15/2018	08/15/2037
San Marcos	1,935,000.00	1,840,000.00	08/15/2019	08/15/2038
Savoy	2,755,000.00	2,705,000.00	08/15/2019	08/15/2048
Seminole	2,960,000.00	1,975,000.00	02/15/2011	02/15/2034
Sequoia ID	1,380,000.00	1,185,000.00	04/01/2017	04/01/2035
Sienna Plantation MUD #1	25,010,000.00	25,010,000.00	11/01/2019	11/01/2048
Sonora	6,000,000.00	3,660,000.00	12/01/2010	12/01/2029
Springtown	3,930,000.00	3,115,000.00	08/15/2014	08/15/2032
Stamford	265,000.00	60,000.00	02/15/2006	02/15/2025
Stephenville	17,030,000.00	17,030,000.00	02/15/2020	02/15/2039
Sulphur Springs	18,200,000.00	17,510,000.00	09/01/2017	09/01/2046
Sunbelt FWSD	8,265,000.00	8,265,000.00	12/01/2019	12/01/2048
Taft	5,780,000.00	4,429,000.00	03/01/2013	03/01/2042
Taylor Landing	710,000.00	415,000.00	09/01/2009	09/01/2028

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For the Fiscal Year Ended August 31, 2019

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Terrell	5,215,000.00	5,215,000.00	02/15/2020	02/15/2049
Trinidad	400,000.00	215,000.00	01/01/2009	01/01/2027
Trinity River Authority	86,780,000.00	11,695,000.00	08/01/2011	08/01/2030
Trinity River Authority	7,760,000.00	6,455,000.00	02/01/2012	02/01/2036
Trinity River Authority	1,775,000.00	1,260,000.00	08/01/2013	08/01/2032
Trinity River Authority	19,465,000.00	18,065,000.00	02/01/2013	02/01/2038
Trinity River Authority	11,015,000.00	9,180,000.00	08/01/2014	08/01/2038
Trinity River Authority	8,280,000.00	6,740,000.00	02/01/2012	02/01/2031
Trinity River Authority	107,180,000.00	91,795,000.00	08/01/2012	08/01/2034
Trinity River Authority	23,410,000.00	19,320,000.00	08/01/2012	08/01/2036
Trinity River Authority	127,005,000.00	121,005,000.00	08/01/2014	08/01/2043
Trinity River Authority	108,395,000.00	95,895,000.00	08/01/2013	08/01/2033
Trinity River Authority	37,765,000.00	32,130,000.00	02/01/2014	02/01/2038
Trinity River Authority	11,710,000.00	9,470,000.00	02/01/2015	02/01/2033
Trinity River Authority	27,690,000.00	23,760,000.00	08/01/2012	08/01/2034
Trinity River Authority	74,270,000.00	57,730,000.00	08/01/2014	08/01/2032
Trinity River Authority	14,035,000.00	12,960,000.00	02/01/2016	02/01/2040
Valley MUD #2	3,730,000.00	3,730,000.00	02/15/2021	02/15/2048
Vinton	825,000.00	752,000.00	08/15/2017	08/15/2046
Vinton	5,085,000.00	4,940,000.00	08/15/2019	08/15/2048
Weatherford	11,220,000.00	10,130,000.00	09/01/2017	09/01/2036
Wells Branch MUD	1,400,000.00	-	08/01/2000	08/01/2019
West Tawakoni	115,000.00	50,000.00	02/01/2014	02/01/2023
Westwood Shores MUD	1,825,000.00	1,330,000.00	05/01/2014	05/01/2030
Whitesboro	2,725,000.00	575,000.00	08/15/2003	08/15/2022
Wichita Falls	33,545,000.00	29,775,000.00	03/01/2016	03/01/2045
Willis	1,355,000.00	1,315,000.00	08/01/2012	08/01/2031
Wilson	1,705,000.00	1,230,000.00	02/15/2011	02/15/2039
Wimberley	650,000.00	95,000.00	08/01/2014	08/01/2020
Wimberley	5,255,000.00	5,100,000.00	08/01/2019	08/01/2046
Winnsboro	1,050,000.00	440,000.00	02/15/2007	02/15/2026
Winnsboro	1,040,000.00	840,000.00	08/15/2016	08/15/2035
Winters	655,000.00	350,000.00	10/01/2009	10/01/2028
Yoakum	5,000,000.00	3,070,000.00	08/15/2009	08/15/2028
Yoakum	2,500,000.00	1,350,000.00	08/15/2010	08/15/2031
Zapata County	6,415,000.00	4,165,000.00	02/15/2013	02/15/2032
Total - Clean Water State Revolving Fund	\$ 3,373,436,530.00	\$ 2,615,354,530.00		