

STATE OF TEXAS

Annual Report

Clean Water State Revolving Fund

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



SFY 2017

TEXAS WATER DEVELOPMENT BOARD
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SFY 2017 Annual Financial Report – CWSRF Financial Statements

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) 2017 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 2017, which was from September 1, 2016, through August 31, 2017.

The SFY 2017 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, 2016, 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 2017. 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 2017 was evidenced in the receipt of 132 project information forms from eligible applicants for projects totaling over \$1.3 billion.

The Federal Fiscal Year (FFY) 2016 Appropriations authorized a \$61,068,000 federal capitalization grant that was used for the SFY 2017 IUP. The TWDB set the SFY 2017 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 155 basis points below market rates. Non-equivalency projects, those that did not need to comply with all of the federal requirements, were able to receive an interest rate subsidy of 120 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 in order to fund project demand in excess of available cash on hand. For SFY 2017, no bond issuance was necessary for the CWSRF program.

During SFY 2017, the TWDB made 40 CWSRF commitments totaling over \$407 million. This represents an approximately 62% increase in commitments over last year.

The TWDB continues to strive to improve our financial assistance programs in order to ensure applicants have access to the cost savings associated with utilizing these programs so that they may further advance and develop 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 2017, the TWDB was required by Congress to expend at least 10% of the capitalization grant, or \$6,106,800, 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 identified 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 2017, 13 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 2017, five were mitigating issues identified in enforcement orders.

4. *Utilize, if necessary, 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 2017, the TWDB did not have to issue bonds for either program. The corpus of the CWSRF was sufficient 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 12 Financial Assistance workshops during SFY 2017. 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, continued training

for the Online Loan Application system, 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-16.

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 began offering Emergency Relief funding to qualifying projects in the form of zero percent 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 2017, the TWDB committed funds to one project meeting these criteria totaling \$35,000,000.

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 low interest and investment rates. 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 2017, the TWDB provided 40 commitments totaling over \$407 million for projects that will assist the 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 2017 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. Two flood mitigation projects, eligible as nonpoint source pollution projects, received funding. 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 155 basis points reduction for equivalency projects and a 120 basis points reduction for non-equivalency projects. The resulting effects were substantial cost savings for the communities. To provide additional savings to disadvantaged communities and green projects, the TWDB allocated 30% of the capitalization grant as additional subsidy in the SFY 2017 Intended Use Plan. During SFY 2017, 9 projects received commitments totaling over \$59 million that included this additional subsidy to further the objectives of the Clean Water Act.

4. *Support the development of 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.

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 2017, the TWDB prioritized the use of additional subsidization for those entities that met EPA’s guidance criteria. Disadvantaged communities were allocated the majority of the available subsidy for system upgrades and replacements. The TWDB made available \$13,740,300 of additional subsidy for qualified disadvantaged communities. This amount was later increased to \$14,370,427. 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 \$4,580,100 of the amount required in additional subsidy for green projects in the form of principal forgiveness. This amount was later reduced to \$3,184,532 with the remainder being used for disadvantaged projects. 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 that 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 in order 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 7.5% of the capitalization grant, or \$4,580,100, 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.
- **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** – For the SFY 2017 IUP, the TWDB extended invitations to all eligible green projects within the green categories: energy efficiency, water efficiency, green infrastructure, and environmentally innovative. The TWDB committed to fund \$22,313,688 in green project costs during SFY 2017.

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

5 Income from Program Fees

The TWDB assesses fees for the purpose of recovering 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 1.85% of the portion of the CWSRF financial assistance that is to be repaid and is assessed in full at closing.

For SFY 2017, the TWDB collected \$4,749,778 in CWSRF administrative fees. Fees are budgeted as a source of revenue for financing CWSRF administration expenses. During SFY 2017, 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, 2017, was \$63,754,914.56.

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 2016 Capitalization Grant, during SFY 2016, the TWDB deposited \$12,129,800 into the CWSRF on August 26, 2016, to fully meet its requirement to match an amount at least equal to 20 percent of the amount awarded in the capitalization grant. During SFY 2015, an overage in match of \$83,800 was deposited into the CWSRF on August 26, 2015, and subsequently applied toward the FFY 2016 Capitalization Grant. Details of the state match are shown in Appendix A, Table 3.

7 Timely and Expeditious Use of Funds

The FFY 2016 capitalization grant was received during the first quarter of SFY 2017 and totaled \$61,068,000. The full amount of available construction funds (\$58,625,280) and administration funds (\$2,442,720) were drawn in full by August 2017. Details of fund balances are shown in Appendix A, Table 4.

As of August 31, 2017, there was no outstanding capitalization grant balance. The TWDB closed on 32 projects totaling \$270,720,824. Additionally, 23 projects totaling \$173,959,023 began work while 13 projects totaling \$104,756,331 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.

While the need did not arise during SFY 2017, the TWDB secured approval from the EPA for an inter-fund loan between the CWSRF and DWSRF.

8 Program Initiatives

Additional Subsidization

The additional subsidization associated with the FFY 2016 grant that was allocated to closed projects and commitments totaled \$17,554,959 as of August 31, 2017. Details of the additional subsidization are shown in Appendix A, Table 1.

Disadvantaged Communities Funding

In SFY 2017, the TWDB closed on 8 disadvantaged projects totaling \$35,357,131. One additional disadvantaged project received a commitment for \$16,731,454 and is anticipated to close during SFY 2018 bringing the total of funding for disadvantaged community projects to \$52,088,585. 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 2017 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 in an effort to focus funding priorities on projects with the greatest environmental benefits.

For the SFY 2017 IUP, the TWDB applied separate rating criteria for NPS and estuary management projects. The SFY 2017 IUP reserved 7% of the total funds available, or \$36,750,000, for NPS and estuary management projects. Nine eligible applicants, with project costs totaling \$122,641,085, 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, 2017, two projects received commitments 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 2017 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 2017 IUP Project Priority List, invitations were extended for them to apply for funding.

Bypass of Projects on the Project Priority List

The SFY 2017 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 submit an application 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, press releases 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.

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, 2017)						
Financial Indicator						
NIMS Line #	Type	2013	2014	2015	2016	2017
<i>Federal Return on Investment</i>						
306	Annual	396%	184%	151%	238%	-
307	Cumulative	332%	323%	314%	312%	-
<i>Executed Loans as a % of Funds Available</i>						
308	Annual	122%	130%	54%	60%	205%
309	Cumulative	93%	94%	92%	91%	93%
<i>Disbursements as a % of Executed Loans</i>						
310	Annual	103%	102%	74%	100%	100%
311	Cumulative	100%	100%	99%	99%	99%
<i>Additional Loans Made Due to Leveraging</i>						
312	Annual	53,000,462	73,102,095	(191,919,801)	(107,632,903)	174,919,429
313	Cumulative	1,859,168,025	1,932,270,120	1,740,350,319	1,632,717,416	1,807,636,845
314	Cumulative Additional Loans as a % of Contributed Capital	84%	82%	72%	65%	70%
<i>Sustainability (retained Earnings) Excludes Subsidy</i>						
318	Annual	23,793,573	23,996,436	12,203,441	17,436,827	18,086,475
319	Cumulative	417,889,777	441,886,213	454,089,654	471,526,481	489,612,956
320	Cumulative Retained Earnings as a % of Contributed Capital	20.3%	20.2%	20.0%	20.3%	20.5%

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 2016 PER onsite review was conducted March 27 – 30, 2017. The review was based upon the TWDB SFY 2016 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 23, 2017. 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.

10 Compliance with FFY 2016 CWSRF Grant Agreement Conditions

The TWDB has complied with all administrative and programmatic conditions in the FFY 2016 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.

Appendix A: CWSRF SFY 2017 Tables

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Green Project Reserve and Additional Subsidization - 2015 IUP / 2014 Grant				
IUP and/or Grant Targets	GPR: \$ 6,408,400		Minimum	\$ 3,487,301
			Maximum	\$ 5,230,952
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Angelina & Neches RA	\$ 4,996,250	\$ -	\$ -	\$ 3,176,250
Eules	2,755,300	2,755,300	375,000	-
Kerr County	601,000	-	-	416,000
Sequoia ID	2,057,442	-	-	677,442
Total Closed	\$ 10,409,992	\$ 2,755,300	\$ 375,000	\$ 4,269,692
Wimberley	\$ 5,498,005	\$ 1,620,030	\$ 243,005	\$ -
Total Unclosed	\$ 5,498,005	\$ 1,620,030	\$ 243,005	\$ -

Grand Totals	\$ 15,907,997	\$ 4,375,330	\$ 618,005	\$ 4,269,692
Total Additional Subsidy:				\$ 4,887,697

Green Project Reserve and Additional Subsidization - 2016 IUP / 2015 Grant				
IUP and/or Grant Targets	GPR: \$ 6,375,600		Minimum	\$ -
			Maximum	\$ 19,126,800
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Arlington	\$ 2,439,700	\$ 2,439,700	\$ 359,700	\$ -
Cameron	12,691,538	-	-	691,538
Kerr County	16,810,273	-	-	11,700,273
McAllen	8,349,567	8,349,567	1,239,567	-
North Fort Bend Water Authority	11,052,000	10,880,000	1,632,000	-
Vinton	2,710,860	-	-	1,885,860
Weatherford	12,770,433	10,531,209	1,550,433	-
Total Closed	\$ 66,824,371	\$ 32,200,476	\$ 4,781,700	\$ 14,277,671

Grand Totals	\$ 66,824,371	\$ 32,200,476	\$ 4,781,700	\$ 14,277,671
Total Additional Subsidy:				\$ 19,059,371

Green Project Reserve and Additional Subsidization - 2017 IUP / 2016 Grant				
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	\$ 94,500	\$ -
Arlington	5,601,861	5,512,408	826,861	-
Fort Worth	16,991,157	6,512,889	946,157	-
Grand Prairie	5,741,175	4,305,882	631,175	-
Greater Texoma Utility Authority	234,219	-	-	69,219
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	-
Total Closed	\$ 43,228,505	\$ 22,313,688	\$ 3,184,532	\$ 2,723,973
Vinton	\$ 16,731,454	\$ -	\$ -	\$ 11,646,454
Total Unclosed	\$ 16,731,454	\$ -	\$ -	\$ 11,646,454

Grand Totals	\$ 59,959,959	\$ 22,313,688	\$ 3,184,532	\$ 14,370,427
Total Additional Subsidy:				\$ 17,554,959

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Table 2			
Green Project Reserve Details - 2016 IUP / 2015 Grant			
Recipient	Green Category(ies)	Green Amount	Green Project Description
Arlington	Water Efficiency	\$ 2,439,700	The proposed project will address I&I to reduce the amount of wastewater that is pumped and treated from the selected subbasins. A cost-benefit analysis done for the city demonstrates the cost-effectiveness of the proposed pipeline replacement.
McAllen	Water Efficiency	8,349,567	The construction of wastewater treatment plant components to meet Type 1 reuse standards, storage facilities, and a reuse distribution system. 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.
North Fort Bend WA	Water Efficiency	10,880,000	The Grand Lakes Reclaimed Water System will treat the effluent from the Grand Lakes Regional Wastewater Treatment Plant to Type I Standards and distribute the water throughout Grand Lakes MUDs 1, 2 and 4 for irrigation of green spaces and to maintain levels in the amenity lakes throughout the MUDs. This system will supply 0.59 million gallons of water per day through approximately 52,000 linear feet of purple pipe.
Weatherford	Water Efficiency	10,531,209	A reuse water pump station, pipeline, and outfall structure will deliver treated wastewater effluent to one of the City's water supply lakes in order to supply an additional source of water. 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.
Totals	4	\$ 32,200,476	

Green Project Reserve Requirement: \$ 6,375,600
505%

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 subbasins. A cost benefit analysis for the City demonstrates the cost effectiveness of the proposed pipeline replacement. Business case eligible.
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	5	\$ 22,313,688	

Green Project Reserve Requirement: \$ 6,106,800
365%

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Table 3 – Grants and Match Funds

IUP Year	Grant Award #	SRF Grant	Required State Match	State Match Provided	In-Kind
1988					
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	-
Totals		\$ 1,909,121,241	\$ 381,824,256	\$ 381,824,256	\$ 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		\$ 2,188,243,141	\$ 381,824,256	\$ 381,824,256	\$ 1,306,875

Note: State Match is provided from GO Bonds.

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Table 4 – Capitalization Grant Draws			
	Beginning Balance	Expended	Balance - 08/31/2017
CS-48000216 FY 2016			
Construction	\$ 58,625,280.00	\$ 58,625,280.00	\$ -
Administration	2,442,720.00	2,442,720.00	-
	\$ 61,068,000.00	\$ 61,068,000.00	\$ -
Grand Totals	\$ 61,068,000.00	\$ 61,068,000.00	\$ -

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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
(1988-2016)	Previous SFY's							\$ 7,969,270,865	\$ 2,397,566,204	\$ 7,969,270,865	332.39%
2016	La Porte	73733	L1000552	Non-EQ	10/05/2016	Active	02/24/2017	\$10,635,000	2,471,523,164	\$ 8,028,345,865	324.83%
2016	Alamo	73738	L1000560	Non-EQ	11/02/2016	Active	03/30/2017	\$1,000,000			
2017	Lubbock	73734	L1000596	EQ	11/17/2016	Active	02/16/2017	\$35,000,000			
2016	Anahuac	73736	L1000565	EQ	11/17/2016	Active	05/05/2017	\$11,440,000			
2016	Jefferson Co WCID # 10	73739	L1000594	Non-EQ	11/30/2016	Active	03/31/2017	\$1,000,000			
2017	Fort Worth	73750	L1000573	EQ	01/12/2017	Active	05/11/2017	\$16,991,157	2,471,523,164	\$ 8,078,195,651	326.85%
2017	Arlington	73752	L1000576	EQ	01/12/2017	Active	05/02/2017	\$5,601,861			
2017	Huntington	73681	L1000598	EQ	01/26/2017	Active	05/02/2017	\$2,312,025			
2017	San Marcos	73696	L1000600	EQ	01/26/2017	Active	05/25/2017	\$5,445,839			
2017	Alton	73747	L1000567	EQ	01/26/2017	Active	05/25/2017	\$500,000			
2017	San Marcos	73748	L1000601	EQ	01/26/2017	Active	05/25/2017	\$1,961,821			
2017	Grand Prairie	73753	L1000571	EQ	01/26/2017	Active	05/23/2017	\$5,741,175			
2017	River Oaks	73749	L1000575	EQ	02/10/2017	Active	05/04/2017	\$7,000,000			
2017	Hudson	73714	L1000606	EQ	02/23/2017	Active	05/16/2017	\$4,295,908	2,471,523,164	\$ 8,292,776,605	335.53%
2016	Montgomery	73740	L1000604	EQ	03/09/2017	Active	05/11/2017	\$1,090,000			
2017	Acton MUD	73745	L1000580	EQ	03/29/2017	Active	06/21/2017	\$644,500			
2017	Houston	73742	L1000603	EQ	04/06/2017	Commitment		\$64,680,000			
2017	Jarrell	73754	L1000602	Non-EQ	04/20/2017	Active	06/20/2017	\$12,000,000			
2016	Cotulla	73737	L1000556	Non-EQ	05/04/2017	Active	08/17/2017	\$3,350,000			
2015	Angelina & Neches RA	73677	L1000622		05/31/2017	Active	09/08/2017	\$1,400,000			
2017	San Juan	10441	L1000620	EQ	05/31/2017	Active	09/26/2017	\$2,285,000			
2017	Vinton	73704	L1000589	EQ	05/31/2017	Commitment		\$5,085,000			
2017	Vinton	73704	LF1000664	EQ	05/31/2017	Commitment		\$11,646,454			
2017	Rogers	73751	L1000625	Non-EQ	05/31/2017	Active	07/14/2017	\$2,160,000			
2017	Rogers	73751	L1000662	Non-EQ	05/31/2017	Active	07/14/2017	\$240,000			
2017	Dallas	73757	LM17067	EQ	05/31/2017	Commitment		\$22,000,000			
2017	Dallas	73757	LM18067	EQ	05/31/2017	Commitment		\$22,000,000			
2017	Dallas	73757	LM19067	EQ	05/31/2017	Commitment		\$22,000,000			
2017	Dallas	73757	LM20067	EQ	05/31/2017	Commitment		\$22,000,000			
2017	Dallas	73757	LM21067	EQ	05/31/2017	Commitment		\$22,000,000			
2017	Greater Texoma UA	73758	L1000617	Non-EQ	06/12/2017	Active	09/19/2017	\$480,000	2,471,523,164	\$ 8,376,276,265	338.91%
2017	Gladewater	73762	L1000636	Non-EQ	06/12/2017	Active	09/29/2017	\$3,900,000			
2015	Castroville	73707	L1000613	EQ	06/15/2017	Active	09/21/2017	\$1,500,000			
2017	Quinlan	73759	L1000618	EQ	07/06/2017	Active	09/19/2017	\$1,675,000			
2017	San Jacinto RA	73764	L1000635		07/06/2017	Commitment		\$43,000,000			
2017	Eastland	73755	L1000619	EQ	07/20/2017	Commitment	10/05/2017	\$6,765,000			
2017	Eastland	73755	LF1000647	EQ	07/20/2017	Commitment	10/05/2017	\$834,660			
2017	Farmersville	73761	L1000631	EQ	07/27/2017	Active	09/21/2017	\$5,845,000			
2017	Ennis	73765	L1000641	EQ	07/27/2017	Commitment		\$10,000,000			
2017	San Antonio River Authority	73760	L1000621	Non-EQ	08/17/2017	Commitment		\$9,500,000			
SFY Totals		40						\$407,005,400			

Note: Binding commitments represent a Board approval to award funding to a proposed project through a financial assistance agreement.

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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
Total	\$ 1,946,746,365

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	\$ 1,946,746,365
ARRA Total	179,121,900
Grand Total	\$ 2,125,868,265

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Table 7 – Grant Payments by Quarter					
	SFY 1988 - SFY 2016	SFY 2017			
	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
GRANT PAYMENTS					
All Previous Grants (including ARRA)	\$ 2,127,175,141	\$ -	\$ -	\$ -	\$ -
CS-48000216		61,068,000	-	-	-
QUARTERLY TOTAL		\$ 61,068,000	\$ -	\$ -	\$ -
CUMULATIVE EPA PAYMENTS	\$ 2,127,175,141	\$ 2,188,243,141	\$ 2,188,243,141	\$ 2,188,243,141	\$ 2,188,243,141
	SFY 1988 - SFY 2017	SFY 2018			
REQUIRED BINDING COMMITMENTS		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
REQUIRED BINDING COMMITMENTS (Within One Year)	\$ 2,552,610,169	\$ 2,625,891,769	\$ 2,625,891,769	\$ 2,625,891,769	\$ 2,625,891,769
LESS Administration	81,087,006	83,529,726	83,529,726	83,529,726	83,529,726
REQUIRED BINDING COMMITMENTS - Amounts (Excluding Administration) Within One Year	\$ 2,471,523,164	\$ 2,542,362,044	\$ 2,542,362,044	\$ 2,542,362,044	\$ 2,542,362,044

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Table 8 - Administrative Costs						
SFY	Federal Funds				State Funds	Total Administration Expended
	4% Administration	Banked Administration	Other	Total Federal Funds		
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
Totals	\$ 27,526,218	\$ 17,684,040	\$ 19,485,691	\$ 62,255,240	\$ 52,986,618	\$ 117,684,578
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	\$ 27,526,218	\$ 17,684,040	\$ 19,485,691	\$ 62,255,240	\$ 52,986,618	\$ 117,684,578
ARRA	7,164,876	-	-	7,164,876	-	7,164,876
Grand Totals	\$ 34,691,094	\$ 17,684,040	\$ 19,485,691	\$ 69,420,116	\$ 52,986,618	\$ 124,849,454

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Table 9 - FFY 2017 DBE Utilization						
Total Procurements	MBE Goals	MBE Actual Dollar Value	% of Procurement	WBE Goals	WBE Actual Dollar Value	% of Procurement
\$ 253,824,230.48		\$ 14,739,684.28	5.81%		\$ 5,257,354.58	2.07%
Construction	12.94%	10,398,367.75	4.10%	8.72%	3,136,607.16	1.24%
Supplies	9.68%	1,623,381.82	0.64%	9.34%	1,262,834.75	0.50%
Equipment	7.12%	-	0.00%	5.39%	-	0.00%
Services	10.84%	2,717,934.71	1.07%	5.72%	857,912.67	0.34%
Overall DBE Procurements				7.88%		

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Table 10 – Sources and Uses of Funds (Cash Basis)

Cash Available:	\$ 611,687,033.51
SOURCES:	
Federal Grants Drawn	\$ 61,068,000.00
State Match Deposited	-
Principal Repayments	291,378,800.00
Interest Repayments	63,029,125.62
Investment Earnings on Funds	3,919,755.39
Refunding Bond Proceeds Used to Pay Debt	-
TOTAL SOURCES:	\$ 419,395,681.01
USES:	
<u>Administration</u>	
Administration Drawn/Expended	\$ 2,442,720.00
Total Administration:	\$ 2,442,720.00
<u>Projects Funded</u>	
Funds Disbursed	\$ 270,720,824.00
Total Projects Funded:	\$ 270,720,824.00
<u>Debt Service</u>	
Revenue Bonds - Principal Paid	\$ -
Senior Lien	-
Subordinate - Variable Rate	-
Subordinate - Fixed Rate	445,925,000.00
Match General Obligation Bonds - Principal Paid	13,204,621.51
Interest Paid	36,750,943.53
Total Debt Service:	\$ 495,880,565.04
TOTAL USES:	\$ 769,044,109.04
NET SOURCES (USES):	\$ (349,648,428.03)
Cash - Ending Balance (8/31/2017)	\$ 262,038,605.48

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

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TEXAS WATER DEVELOPMENT BOARD
CLEAN WATER STATE REVOLVING FUND
PROJECTED ANNUAL CASH FLOW COVERAGE
AS OF AUGUST 31, 2017

Operational Minimum DSC: 1.10
Lowest Total DSC:

Fiscal Year	Funds On Hand Restricted To Debt Service & Prior Year Balance	Loan Receipts 9/1 - 5/31 (2)	Loan Receipts & Investment Projections (3)	Total Existing Debt Service (4)	Bond Debt Service Coverage (5)	Total Existing Match Debt Debt Service (4)	Total Debt Service Coverage (5)	Total Existing Debt Service Requirements (4)	Balance	Loan Receipts 6/1 - 8/31	Net Balance After Debt Service	Projected Fee Income (6)	Projected Operating Expenses
2018 (1)	\$223,832,305	\$110,910,566	1,465,909	\$18,443,488	18.23	\$19,350,905	8.90	\$37,794,393	\$298,414,387	\$49,193,828	\$347,608,215	\$3,515,925	-
2019	347,608,215	114,568,262	-	18,443,488	25.06	16,647,898	13.17	35,091,385	427,085,092	47,985,687	475,070,779	3,515,925	-
2020	475,070,779	115,024,819	147,548	18,441,688	32.01	15,688,998	17.29	34,130,685	556,112,460	48,455,116	604,567,576	3,515,925	-
2021	604,567,576	114,470,060	1,349,051	18,441,088	39.06	15,668,528	21.12	34,109,615	686,277,073	52,798,065	739,075,137	3,515,925	-
2022	739,075,137	114,550,531	1,349,051	18,440,588	46.36	15,475,662	25.21	33,916,250	821,058,470	57,755,203	878,813,672	3,515,925	-
2023	878,813,672	113,459,482	1,349,051	18,440,338	53.88	13,303,731	31.30	31,744,069	961,878,137	57,221,322	1,019,099,459	3,515,925	-
2024	1,019,099,459	112,379,796	1,349,051	18,443,838	61.42	13,079,264	35.94	31,523,102	1,101,305,204	57,735,595	1,159,040,800	3,515,925	-
2025	1,159,040,800	111,087,750	1,349,051	18,443,388	68.94	11,387,145	42.62	29,830,532	1,241,647,069	57,972,116	1,299,619,185	3,515,925	-
2026	1,299,619,185	108,859,971	1,349,051	18,440,688	76.45	11,416,526	47.22	29,857,214	1,379,970,994	58,487,933	1,438,458,927	3,515,925	-
2027	1,438,458,927	107,269,024	1,349,051	18,441,688	83.89	9,032,640	56.31	27,474,328	1,519,602,674	57,996,718	1,577,599,393	3,515,925	-
2028	1,577,599,393	105,685,145	1,349,051	18,439,688	91.36	7,282,116	65.49	25,721,803	1,658,911,785	79,511,980	1,738,423,765	3,515,925	-
2029	1,738,423,765	97,909,996	1,349,051	18,442,938	99.64	7,286,527	71.42	25,729,465	1,811,953,348	74,574,701	1,886,528,049	3,515,925	-
2030	1,886,528,049	92,049,099	1,349,051	-	-	6,972,747	283.95	6,972,747	1,972,953,452	76,571,162	2,049,524,614	3,515,925	-
2031	2,049,524,614	85,361,701	1,349,051	-	-	4,747,359	449.98	4,747,359	2,131,488,007	75,792,339	2,207,280,346	3,515,925	-
2032	2,207,280,346	81,108,966	1,349,051	-	-	2,529,809	905.10	2,529,809	2,287,208,555	74,024,780	2,361,233,334	3,515,925	-
2033	2,361,233,334	75,170,921	1,349,051	-	-	1,559,309	1563.35	1,559,309	2,436,193,998	24,452,615	2,460,646,612	3,515,925	-
2034	2,460,646,612	73,604,459	1,349,051	-	-	874,957	2897.97	874,957	2,534,725,166	17,989,237	2,552,714,403	3,515,925	-
2035	2,552,714,403	72,544,640	1,349,051	-	-	-	-	-	2,626,608,094	10,423,639	2,637,031,733	3,515,925	-
2036	2,637,031,733	69,980,514	1,349,051	-	-	-	-	-	2,708,361,298	9,862,269	2,718,223,567	3,515,925	-
2037	2,718,223,567	68,176,628	1,349,051	-	-	-	-	-	2,787,749,246	7,857,172	2,795,606,418	3,515,925	-
2038	2,795,606,418	64,747,357	1,349,051	-	-	-	-	-	2,861,702,826	6,040,279	2,867,743,104	3,515,925	-
2039	2,867,743,104	54,757,935	1,349,051	-	-	-	-	-	2,923,850,091	5,178,022	2,929,028,113	3,515,925	-
2040	2,929,028,113	47,593,145	1,349,051	-	-	-	-	-	2,977,970,309	3,522,738	2,981,493,046	3,515,925	-
2041	2,981,493,046	42,757,413	-	-	-	-	-	-	3,024,250,459	3,526,058	3,027,776,517	3,515,925	-
2042	3,027,776,517	35,915,938	-	-	-	-	-	-	3,063,692,455	2,984,267	3,066,676,722	3,515,925	-
2043	3,066,676,722	30,626,585	-	-	-	-	-	-	3,097,303,307	1,418,734	3,098,722,041	3,515,925	-
2044	3,098,722,041	23,084,082	-	-	-	-	-	-	3,121,806,123	1,389,367	3,123,195,490	3,515,925	-
2045	3,123,195,490	17,606,581	-	-	-	-	-	-	3,140,802,071	1,247,400	3,142,049,471	3,515,925	-
2046	3,142,049,471	11,129,319	-	-	-	-	-	-	3,153,178,790	465,980	3,153,644,770	3,515,925	-
2047	3,153,644,770	5,319,234	-	-	-	-	-	-	3,158,964,004	423,984	3,159,387,988	3,515,925	-
2048	3,159,387,988	562,021	-	-	-	-	-	-	3,159,950,009	-	3,159,950,009	3,515,925	-
2049	3,159,950,009	-	-	-	-	-	-	-	3,159,950,009	-	3,159,950,009	3,515,925	-
2050	3,159,950,009	-	-	-	-	-	-	-	3,159,950,009	-	3,159,950,009	-	-
2051	3,159,950,009	-	-	-	-	-	-	-	3,159,950,009	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-	-
		\$2,278,271,942	\$28,594,480	\$221,302,900		\$172,304,121		\$393,607,021		\$1,022,858,303			

- (1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.
- (2) Represents loan receipts received from September 1st through May 31st to be used for debt service.
- (3) Represents the total income available from loan receipt and investment projections based on current fund balances.
- (4) Represents current debt service requirements.
- (5) Total revenue to debt ratio. Total revenue includes beginning fund balances, actual loan receipts received from September 1st thru May 31st, and projected loan receipt and investment projections.
- (6) Projected fee income is derived from fees charged to borrowers to cover the administrative costs of the program. The fees in all years are based upon the assumption that \$204,425,906 in principal amount of loans are made per year with charges of 1.75% of the loan amount. Fees are collected outside of the State Revolving Fund based upon state law. Borrowers are provided an additional reduction in loan rates to offset the charges. This is reflected in the cash flow loan rate assumptions.

Texas Water Development Board

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TEXAS WATER DEVELOPMENT BOARD
CLEAN WATER STATE REVOLVING FUND
PROJECTED SOURCES OF REVENUES
AS OF AUGUST 31, 2017

Income to be Used Within the Same Fiscal Year					
Fiscal Year	Loan Receipts 9/1 - 5/31 (2)	Projected Loan Receipts (3)	Projected Investment Income (4)	Total Projected Income to Pay Debt Service	Loan Receipts From 6/1 - 8/31 (2)
2018 (1)	110,910,566		\$1,465,909	\$112,376,475	\$49,193,828
2019	114,568,262			114,568,262	\$47,985,687
2020	115,024,819	\$147,548		115,172,366	\$48,455,116
2021	114,470,060	\$1,349,051		115,819,111	\$52,798,065
2022	114,550,531	\$1,349,051		115,899,582	\$57,755,203
2023	113,459,482	\$1,349,051		114,808,533	\$57,221,322
2024	112,379,796	\$1,349,051		113,728,848	\$57,735,595
2025	111,087,750	\$1,349,051		112,436,802	\$57,972,116
2026	108,859,971	\$1,349,051		110,209,022	\$58,487,933
2027	107,269,024	\$1,349,051		108,618,075	\$57,996,718
2028	105,685,145	\$1,349,051		107,034,196	\$79,511,980
2029	97,909,996	\$1,349,051		99,259,048	\$74,574,701
2030	92,049,099	\$1,349,051		93,398,150	\$76,571,162
2031	85,361,701	\$1,349,051		86,710,753	\$75,792,339
2032	81,108,966	\$1,349,051		82,458,017	\$74,024,780
2033	75,170,921	\$1,349,051		76,519,973	\$24,452,615
2034	73,604,459	\$1,349,051		74,953,511	\$17,989,237
2035	72,544,640	\$1,349,051		73,893,691	\$10,423,639
2036	69,980,514	\$1,349,051		71,329,565	\$9,862,269
2037	68,176,628	\$1,349,051		69,525,679	\$7,857,172
2038	64,747,357	\$1,349,051		66,096,408	\$6,040,279
2039	54,757,935	\$1,349,051		56,106,986	\$5,178,022
2040	47,593,145	\$1,349,051		48,942,196	\$3,522,738
2041	42,757,413			42,757,413	\$3,526,058
2042	35,915,938			35,915,938	\$2,984,267
2043	30,626,585			30,626,585	\$1,418,734
2044	23,084,082			23,084,082	\$1,389,367
2045	17,606,581			17,606,581	\$1,247,400
2046	11,129,319			11,129,319	\$465,980
2047	5,319,234			5,319,234	\$423,984
2048	562,021			562,021	
2049	-				
2050	-				
2051	-				
2052	-				
2053	-				
	\$2,278,271,942	\$27,128,571	\$1,465,909	\$2,306,866,421	\$1,022,858,303

- (1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.
(2) Represents scheduled repayments of \$2,773,620,330 in outstanding principal amount of Political Subdivision Bonds as of August 31, 2017.
(3) Represents projected repayments from (a) \$24,591,251 in Board commitments which include \$169,705,000 in Equivalency loans, \$0 in Non-Equivalency loans, and (b) \$0 in projected loans to be made with excess available program funds.
(4) Assumes investment income on fund balances at 0.842% for 8 months.

Texas Water Development Board

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TEXAS WATER DEVELOPMENT BOARD
CLEAN WATER STATE REVOLVING FUND
DEBT SERVICE ON OUTSTANDING BONDS
AS OF AUGUST 31, 2017

Fiscal Year	SRF Revenue Fixed Rate Bonds			Variable Rate Bonds (2)			Grand Total	State Match Fixed Rate Bonds (3)			Total Debt Service
	Principal	Interest	Total	Principal	Interest	Total		Principal	Interest	Total	
2018 (1)	\$10,500,000	\$7,943,488	\$18,443,488				\$18,443,488	\$13,623,220	\$5,727,686	\$19,350,905	\$37,794,393
2019	\$10,920,000	\$7,523,488	18,443,488	-		-	18,443,488	\$11,490,281	\$5,157,617	16,647,898	35,091,385
2020	\$11,360,000	\$7,081,688	18,441,688	-		-	18,441,688	\$10,996,878	\$4,692,120	15,688,998	34,130,685
2021	\$11,910,000	\$6,531,088	18,441,088	-		-	18,441,088	\$11,426,495	\$4,242,032	15,668,528	34,109,615
2022	\$12,505,000	\$5,935,588	18,440,588	-		-	18,440,588	\$11,716,049	\$3,759,613	15,475,662	33,916,250
2023	\$13,130,000	\$5,310,338	18,440,338	-		-	18,440,338	\$10,049,741	\$3,253,990	13,303,731	31,744,069
2024	\$13,790,000	\$4,653,838	18,443,838	-		-	18,443,838	\$10,246,405	\$2,832,860	13,079,264	31,523,102
2025	\$14,465,000	\$3,978,388	18,443,388	-		-	18,443,388	\$8,991,772	\$2,395,373	11,387,145	29,830,532
2026	\$15,180,000	\$3,260,688	18,440,688	-		-	18,440,688	\$9,397,789	\$2,018,737	11,416,526	29,857,214
2027	\$15,940,000	\$2,501,688	18,441,688	-		-	18,441,688	\$7,417,614	\$1,615,026	9,032,640	27,474,328
2028	\$16,735,000	\$1,704,688	18,439,688	-		-	18,439,688	\$6,008,168	\$1,273,948	7,282,116	25,721,803
2029	\$17,575,000	\$867,938	18,442,938	-		-	18,442,938	\$6,290,074	\$996,453	7,286,527	25,729,465
2030	-	-	-	-		-	-	\$6,271,885	\$700,861	6,972,747	6,972,747
2031	-	-	-	-		-	-	\$4,344,120	\$403,239	4,747,359	4,747,359
2032	-	-	-	-		-	-	\$2,331,134	\$198,675	2,529,809	2,529,809
2033	-	-	-	-		-	-	\$1,463,232	\$96,077	1,559,309	1,559,309
2034	-	-	-	-		-	-	\$841,588	\$33,369	874,957	874,957
2035	-	-	-	-		-	-	-	-	-	-
2036	-	-	-	-		-	-	-	-	-	-
2037	-	-	-	-		-	-	-	-	-	-
2038	-	-	-	-		-	-	-	-	-	-
2039	-	-	-	-		-	-	-	-	-	-
2040	-	-	-	-		-	-	-	-	-	-
2041	-	-	-	-		-	-	-	-	-	-
2042	-	-	-	-		-	-	-	-	-	-
2043	-	-	-	-		-	-	-	-	-	-
2044	-	-	-	-		-	-	-	-	-	-
2045	-	-	-	-		-	-	-	-	-	-
2046	-	-	-	-		-	-	-	-	-	-
2047	-	-	-	-		-	-	-	-	-	-
2048	-	-	-	-		-	-	-	-	-	-
2049	-	-	-	-		-	-	-	-	-	-
2050	-	-	-	-		-	-	-	-	-	-
2051	-	-	-	-		-	-	-	-	-	-
2052	-	-	-	-		-	-	-	-	-	-
2053	-	-	-	-		-	-	-	-	-	-
	\$164,010,000	\$57,292,900	\$221,302,900				\$221,302,900	\$132,906,446	\$39,397,675	\$172,304,121	\$393,607,021

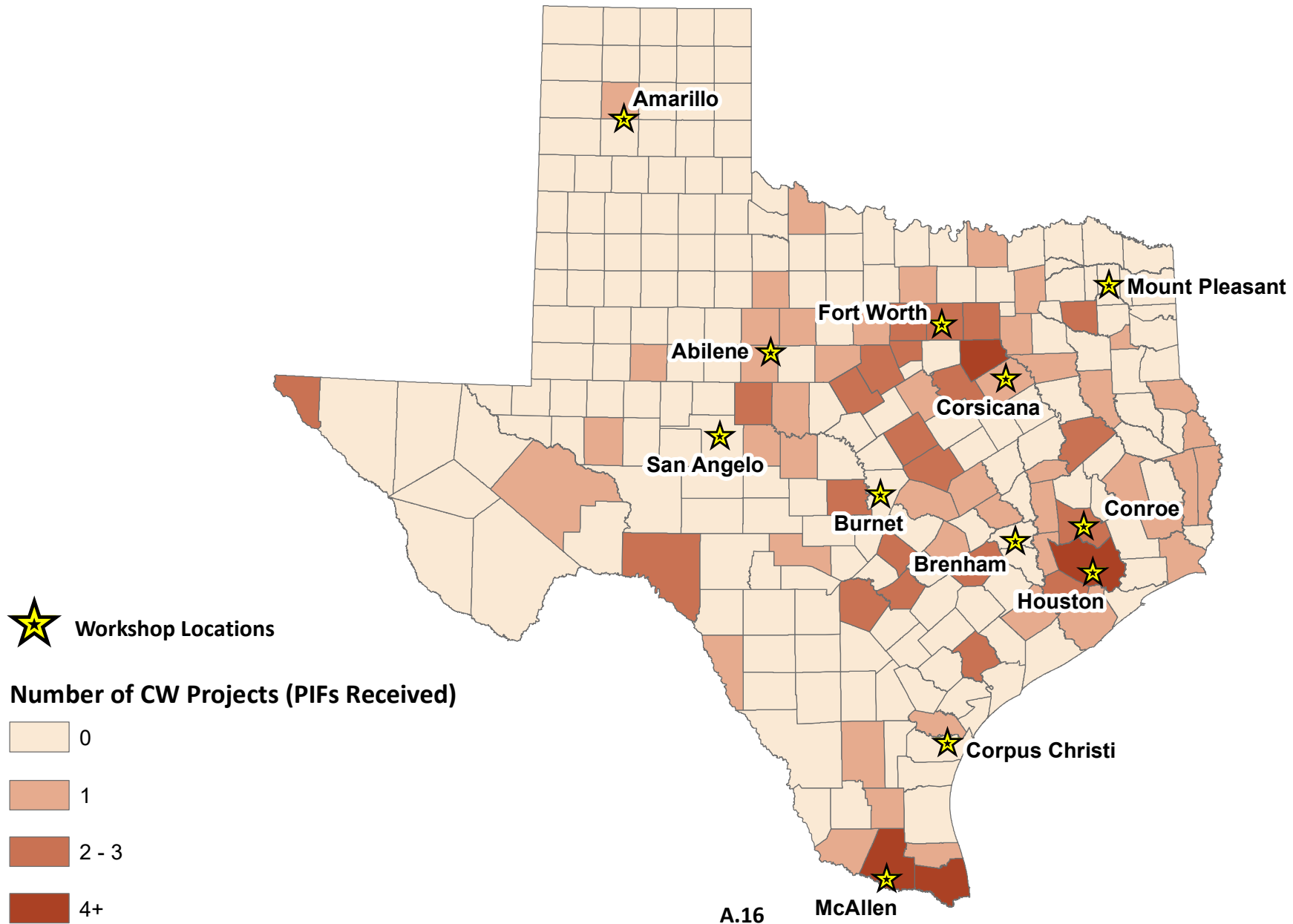
(1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.

(2) Assumes an interest rate of 0% for variable rate bonds.

(3) State Match Bonds are paid only from interest repayments.

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Map of Workshops Conducted in SFY 2017



Appendix B: CWSRF SFY 2017 Projects

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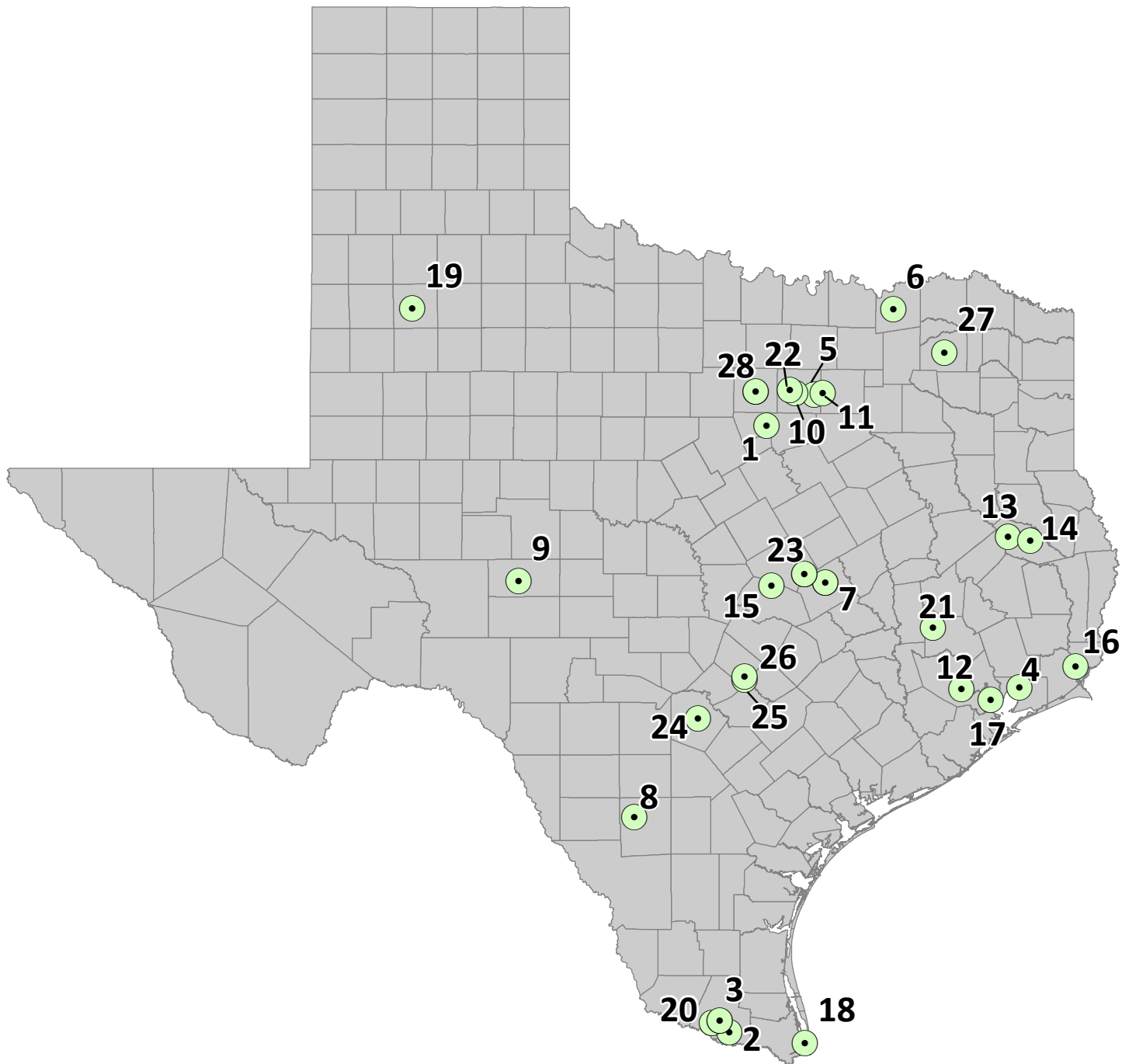
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Commitments Closed											
Map ID	Entity	Commitment #	Loan Amount	Principal Forgiven	Total Committed	Equivalency	First Principal Payment	Last Principal Payment	Interest Rate	IUP Year	Small Community
1	Acton MUD	L1000580	\$ 550,000	\$ 94,500	\$ 644,500	EQ	05/01/2019	05/01/2028	0.31%	2017	
2	Alamo	L1000560	1,000,000	-	1,000,000	Non-EQ	03/01/2018	03/01/2037	2.02%	2016	
3	Alton	L1000567	500,000	-	500,000	EQ	08/15/2018	08/15/2047	1.64%	2017	
4	Anahuac	L1000565	11,440,000	-	11,440,000	EQ	10/15/2018	10/15/2047	2.04%	2016	Yes
5	Arlington	L1000576	4,775,000	826,861	5,601,861	EQ	06/01/2018	06/01/2036	0.62%	2017	
6	Bonham	L1000542	3,800,000	-	3,800,000	Non-EQ	02/15/2018	02/15/2046	1.34%	2016	
7	Cameron	L1000516	12,000,000	-	12,000,000	EQ	03/01/2017	03/01/2042	0.68%	2016	Yes
7	Cameron	LF1000523	-	691,538	691,538	EQ	N/A	N/A	N/A	2016	Yes
8	Cotulla	L1000556	3,350,000	-	3,350,000	Non-EQ	02/01/2020	02/01/2047	2.08%	2016	Yes
9	Eldorado	L1000538	575,000	-	575,000	EQ	08/01/2017	08/01/2036	0.65%	2016	Yes
10	Fort Worth	L1000573	16,045,000	946,157	16,991,157	EQ	02/15/2018	02/15/2047	1.16%	2017	
11	Grand Prairie	L1000571	5,110,000	631,175	5,741,175	EQ	01/15/2018	01/15/2030	0.31%	2017	
12	Houston	L1000508	65,750,000	-	65,750,000	EQ	11/15/2018	11/15/2046	1.14%	2016	
13	Hudson	L1000606	3,735,000	560,908	4,295,908	EQ	08/15/2018	08/15/2036	1.40%	2017	Yes
14	Huntington	L1000598	1,180,000	1,132,025	2,312,025	EQ	02/01/2018	02/01/2037	1.64%	2017	Yes
15	Jarrell	L1000602	12,000,000	-	12,000,000	Non-EQ	08/01/2018	08/01/2042	1.54%	2017	Yes
16	Jefferson Co WCID # 10	L1000594	1,000,000	-	1,000,000	Non-EQ	08/15/2018	08/15/2037	1.57%	2016	Yes
17	La Porte	L1000552	10,635,000	-	10,635,000	Non-EQ	03/15/2018	03/15/2037	1.11%	2016	
18	Laguna Madre WD	L1000539	5,815,000	-	5,815,000	Non-EQ	03/01/2017	03/01/2036	0.72%	2016	
19	Lubbock	L1000596	35,000,000	-	35,000,000	EQ	02/15/2018	02/15/2037	0.00%	2017	
20	McAllen	L1000529	7,110,000	-	7,110,000	EQ	02/01/2018	02/01/2047	1.04%	2016	
20	McAllen	LF1000540	-	1,239,567	1,239,567	EQ	N/A	N/A	N/A	2016	
21	Montgomery	L1000604	1,090,000	-	1,090,000	EQ	03/01/2018	03/01/2037	0.87%	2016	Yes
22	River Oaks	L1000575	7,000,000	-	7,000,000	EQ	06/15/2018	06/15/2047	1.27%	2017	Yes
23	Rogers	L1000625	2,160,000	-	2,160,000	Non-EQ	08/15/2019	08/15/2047	1.71%	2017	Yes
23	Rogers	L1000662	240,000	-	240,000	Non-EQ	08/15/2019	08/15/2032	1.04%	2017	Yes
24	San Antonio Water System	L1000546	14,360,000	-	14,360,000	Non-EQ	05/15/2017	05/15/2046	1.04%	2016	
25	San Marcos	L1000600	4,760,000	685,839	5,445,839	EQ	08/15/2018	08/15/2037	1.07%	2017	
26	San Marcos	L1000601	1,000,000	961,821	1,961,821	EQ	08/15/2018	08/15/2037	1.08%	2017	
27	Sulphur Springs	L1000505	18,200,000	-	18,200,000	Non-EQ	09/01/2017	09/01/2046	0.99%	2016	
28	Weatherford	L1000511	11,220,000	-	11,220,000	Non-EQ	09/01/2017	09/01/2036	0.98%	2016	
28	Weatherford	LF1000522	-	1,550,433	1,550,433	Non-EQ	N/A	N/A	N/A	2016	
Totals		32	\$ 261,400,000	\$ 9,320,824	\$ 270,720,824						

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Project Locations of Closings



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Descriptions of Closed Projects

Acton MUD

WWTP #1 (De Cordova Bend Estates) Expansion

Project # 73745

Commitment Amount	\$644,500	Closing Date	06/21/2017
Commitment Code	L1000580	Map Location	1

Project Need: Acton Municipal Utility District's (District) De Cordova Bend Estates Wastewater Treatment Plant (WWTP) needs to be rehabilitated and upgraded to improve treatment and capacity. The De Cordova Bend WWTP currently operates between 75 and 90 percent of permitted capacity with an estimated 740 existing on-site sewage facilities (OSSF) in need of centralized collection and treatment to address elevated levels of bacteria within Lake Granbury. The Texas Commission on Environmental Quality (TCEQ) requires the District to begin planning for additional treatment capacity when their existing plant reaches 75% of its permitted capacity.

Project Description: The District sought planning and design funding to plan for improvements to their existing De Cordova Bend WWTP. Many plant components need to be rehabilitated and expanded to provide efficient treatment meeting permit parameters, reuse, and to meet capacity requirements.

Alamo

New 2.5 MGD WWTP

Project # 73738

Commitment Amount	\$1,000,000	Closing Date	03/30/2017
Commitment Code	L1000560	Map Location	2

Project Need: The City's existing treatment system consists of aerated lagoons, which cause very strong, foul odors and nuisance conditions for the surrounding residents. The TCEQ has conducted inspections of the existing facilities and submitted an enforcement order that resulted in a fine.

Project Description: The project includes planning and design for the development of a new 2.5 million gallons per day mechanical sewer 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 the existing lagoons will be filled and abandoned.

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Alton			
Drainage Master Plan			
Project # 73747			
Commitment Amount	\$500,000	Closing Date	05/25/2017
Commitment Code	L1000567	Map Location	3
<p>Project Need: Due to the City's aging drainage system and floodplains altered by obstructions, several areas of the City experience periodic flooding. The City needs to conduct a new drainage master plan to assess current and future needs.</p> <p>Project Description: The City sought planning funds to prepare a master drainage study to identify needed stormwater system improvements and to develop a stormwater system capital improvements program and a wastewater and stormwater systems asset management plan.</p>			
Anahuac			
Collection System & WWTP Improvements			
Project # 73736			
Commitment Amount	\$11,440,000	Closing Date	05/05/2017
Commitment Code	L1000565	Map Location	4
<p>Project Need: The City of Anahuac entered into the Sanitary Sewer Overflow (SSO) Initiative Program by agreement with the TCEQ in November 2012. Collection system rehabilitation is needed to eliminate Inflow and Infiltration (I&I) and equalization pond and treatment equipment improvements are needed at the WWTP.</p> <p>Project Description: TWDB funds will be used for improvements to address inflow and infiltration problems for the City's sanitary sewer collection system and its wastewater treatment plant during periods of wet weather. Improvements include rehabilitate pipelines ranging from 6-inch to 24-inch inches in diameter utilizing pipe bursting and cured in place methods of construction, rehabilitation of lift stations with flow meter replacement, land acquisition and construction of a flow equalization basin and improvements/modifications to the existing wastewater treatment plant with new flow meter replacement.</p>			
Arlington			
Collection System Improvements 2017			
Project # 73752			
Commitment Amount	\$5,601,861	Closing Date	05/02/2017
Commitment Code	L1000576	Map Location	5
<p>Project Need: Several segments of wastewater pipelines in the City of Arlington have been noted to have excessive amounts of I&I and most of the lines have been in service for at least 30 years.</p> <p>Project Description: The City of Arlington project includes prioritized wastewater pipeline replacement segments that consist of 29 gravity segments owned by the City. The total length of pipeline replacement segments is 19,075 linear feet with pipe sizes ranging from 4 to 24 inches. The project has been divided into six areas: Circle, Six Flags, High Point, Trinity, Johnson creek, and Davis Pressure Plane Expansion.</p>			

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Bonham			
WWTP Rehabilitation			
Project # 73735			
Commitment Amount	\$3,800,000	Closing Date	11/29/2016
Commitment Code	L1000542	Map Location	6
<p>Project Need: Due to failures at the WWTP, along with noncompliance of TCEQ wastewater standards, an agreed order was issued in 2014. As a result, the City began taking corrective action by making improvements to the plant using local funds. The City received a grant from the Texas Department of Agriculture for rehabilitation of the Ultraviolet disinfection facilities.</p> <p>Project Description: The City proposed to make several improvements to the WWTP to bring it into compliance with TCEQ wastewater requirements, including updating the Sequencing Batch Reactor equipment, adding additional sludge handling facilities, reconstructing the master lift station, and providing various other needed improvements.</p>			
Cameron			
New WWTP, Lift Station Improvements, Coll Sys Smoke Test			
Project # 73727			
Commitment Amount	\$12,691,538	Closing Date	09/14/2016
Commitment Code	L1000516, LF1000523	Map Location	7
<p>Project Need: The City's 0.96 million gallon per day (MGD) conventional WWTP has reached its service life and is experiencing operational and structural issues. Likewise, the City's collection system is aged and requires repair. The collection system's lift stations have multiple deficiencies of TCEQ's 217 rules, including insufficient back up pumps, emergency operation, lack of guide rails, lack of external signaling systems, power inadequacies and security items.</p> <p>Project Description: The proposed project would construct a new WWTP adjacent to the existing WWTP, using the latter for additional treatment capacity as needed. Collection system improvements would bring lift stations in compliance with TCEQ's 217 rules. It is also proposed to smoke test gravity sewer lines to determine areas needing repair due to I&I. If there were remaining funds available, improvements would be proposed for sewer line repair identified by smoke testing.</p>			

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Cotulla			
WW Treatment & Collection Improvements			
Project # 73737			
Commitment Amount	\$3,350,000	Closing Date	08/17/2017
Commitment Code	L1000556	Map Location	8
<p>Project Need: The City of Cotulla's (City) WWTP was cited as having a percentage of capacity in use of greater than 65% and less than 75%. The City needs to address the decreasing capacity issue and replace existing septic systems that cannot support the sewer system in the area due to additional development in the area.</p> <p>Project Description: The City of Cotulla is sought funding to plan, design and construct the expansion of the existing WWTP sludge dewatering system and the construction of an extension of sewer service to the Cotulla Airport.</p>			
Eldorado			
Collection System Rehabilitation			
Project # 73625			
Commitment Amount	\$575,000	Closing Date	09/15/2016
Commitment Code	L1000538	Map Location	9
<p>Project Need: The City of Eldorado's (City) original wastewater collection system was installed in the early 1900's and needs rehabilitation due to root intrusion, misaligned pipe joints, and I&I. The City's sanitary sewer collection system is experiencing pipe failures causing operational issues and excessive I&I into the collection system. Additionally, the City identified three lift stations as being susceptible to storm water I&I during significant rain events and intends to replace all three with new construction.</p> <p>Project Description: The City sought funding to rehabilitate approximately 4,700 feet of the existing sanitary sewer collection system and replacement of three existing lift stations to increase the functionality and reliability of the system.</p>			
Fort Worth			
Collection System Improvements			
Project # 73750			
Commitment Amount	\$16,991,157	Closing Date	05/11/2017
Commitment Code	L1000573	Map Location	10
<p>Project Need: The City of Fort Worth (City) recently completed the first agreement with the TCEQ to reduce SSOs. As part of this agreement, the City created an Interceptor Condition Assessment Program (ICAP) to assess the condition and prioritize the rehabilitation/ replacement of the major interceptors that carry the City's wastewater. The first interceptor in critical condition is the M-210, Part V, a 24-inch interceptor that is severely undersized and was originally included in the first SSO agreement for replacement. Additionally, The M-280 and M-338 interceptors are twin 90-inch receiving the flows from the Village Creek Basin, which the ICAP identifies to be in critical need of rehabilitation. Both M-280 and M-338 follow the Trinity River for most of their length. The ICAP program has also identified two other interceptors, M-244 and M-503 as having a critical risk of failure. These two interceptors are</p>			

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located along the shoreline of Lake Arlington, the terminal storage reservoir for the Tarrant Regional Water District and drinking water source for the City of Arlington.

Project Description: The City will replace some of the most critical sections of their interceptors with a high risk of failure. There are three locations for the project work. Location 1, Mockingbird Lane: The M-210 interceptor (24-inch) will be replaced with a 36-inch interceptor that will be bored along its 1,200-foot length. Location 2, Village Creek Basin: The two 90-inch interceptors, M-280 and M-338 will be slip lined with cured in-place piping (CIPP) for 600 feet of their length. Location 3, Lake Arlington: The M-503 interceptor will have 2,946 feet of 54-inch pipe replaced in an aerial crossing over the Lake. M-244B, a 36-inch interceptor, will be slip-lined for 2,591 feet of its length along Quail Road. The M-503 and M-244B will have the existing 30-inch sanitary sewer line replaced with 36-inch line for 1,868 feet where they join at SH 303. The project scope addresses the most critical failure areas for the City's wastewater system, its large sanitary sewer lines along the Trinity River and Lake Arlington. In addition, it will complete work scheduled in the first SSO agreement with the U.S. Environmental Protection Agency (EPA).

Grand Prairie

Collection System Improvements

Project # 73753

Commitment Amount	\$5,741,175	Closing Date	05/23/2017
Commitment Code	L1000571	Map Location	11

Project Need: The City of Grand Prairie (City) has entered into a SSO Initiative and subsequent Enforcement Order with the TCEQ establishing a plan for the City to improve the performance of its wastewater collection system. That plan requires financial commitment of \$8,300,000 to address SSOs.

Project Description: The City intends to replace approximately 23,477 linear feet of existing 8-inch to 12-inch wastewater mains with 12-inch to 18-inch pipe in various locations reducing I&I and improving water quality.

Houston

Collection System Rehabilitation 2016

Project # 73719

Commitment Amount	\$65,750,000	Closing Date	02/15/2017
Commitment Code	L1000508	Map Location	12

Project Need: This project is required by TCEQ Agreed Order and as part of that agreement must renew at least 600,000 linear feet of the sanitary sewer collection system per year. The project will reduce SSOs in the collection system and optimize its performance through the replacement and rehabilitation of sewer lines, which contribute to significant I&I.

Project Description: The City will perform rehabilitation of approximately 650,000 linear feet of sanitary sewer pipe using pipe bursting, slip-lining and cured-in-place methods at various locations throughout the City. Pipe sizes range from 6-inch to 72-inch in diameter. Point repairs will also be performed in addition to these rehabilitation methods.

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Hudson			
WWTP Replacement			
Project # 73714			
Commitment Amount	\$4,295,908	Closing Date	05/16/2017
Commitment Code	L1000606	Map Location	13
<p>Project Need: The City of Hudson's (City) existing WWTP, which was constructed in 1978, has reached the end of its useful service life. Most of its mechanical equipment has been replaced multiple times and its concrete support structures are deteriorating. The WWTP has historically met its discharge permit requirements but has had problems with solids removal and handling I&I contributions under present loading conditions.</p> <p>Project Description: The proposed project is to construct a new, expanded capacity WWTP consisting of two (2) parallel treatment trains, each consisting of an oxidation ditch style extended aeration activated sludge reactor basin and secondary clarifier, and associated chlorine contact and post aeration basins. The total permitted capacity of the WWTP following completion of the project will be 0.98 MGD.</p>			
Huntington			
WWTP Renovation			
Project # 73681			
Commitment Amount	\$2,312,025	Closing Date	05/02/2017
Commitment Code	L1000598	Map Location	14
<p>Project Need: The City of Huntington (City) is under an Enforcement Order from the TCEQ for violations at its existing WWTP.</p> <p>Project Description: Renovate and expand the City's WWTP. Construct new clarifiers and a chlorine contact chamber and expand the aeration basin and blower size. The project will bring the WWTP into compliance with TCEQ standards and allow abandonment and diversion of flow from an industrial WWTP owned by Lufkin Industries.</p>			
Jarrell			
Wastewater System Improvements			
Project # 73754			
Commitment Amount	\$12,000,000	Closing Date	06/20/2017
Commitment Code	L1000602	Map Location	15
<p>Project Need: The City of Jarrell's (City) existing 0.5 MGD WWTP has operated at or above 90% of permitted capacity for three consecutive months. TCEQ requires WWTPs to begin designs when influent flow reaches 75% of permitted capacity and to begin construction when flow reaches 90% of permitted capacity. The City is currently under TCEQ enforcement for violation of each requirement.</p> <p>Project Description: The City's proposed project increases the treatment capacity of the WWTP from 0.5 MGD to 1.5 MGD. Improvements include modification of influent lift station, new aeration basin, clarifier, chlorine contact chamber, blower building with motor control center, office, sludge belt press and building, site lighting, security fencing, and the access drive.</p>			

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Jefferson Co WCID # 10			
WWTP Rehab			
Project # 73739			
Commitment Amount	\$1,000,000	Closing Date	03/31/2017
Commitment Code	L1000594	Map Location	16
<p>Project Need: The Jefferson County WCID # 10 (District) is currently under TCEQ enforcement for their WWTP to meet more stringent discharge limits. The existing WWTP is a facultative lagoon followed by a rock reed filter system, which was constructed in 1993. The existing WWTP does not have a disinfection system to comply with current TCEQ discharge permit criteria.</p> <p>Project Description: The project includes two separate items. First, a chlorine disinfection system that will include concrete contact basin, chlorine system, piping modifications, building to house the chemicals and electrical controls, and emergency power generator. The second item is a pilot study for the rock-reed filter system to improve treatment performance. If the pilot is successful, then improvements to the rock-reed filter will commence utilizing force account work via their own employees. Both items are address WWTP performance criteria to comply with TCEQ discharge permit limits.</p>			
La Porte			
Lomax Area WWLS Consolidation			
Project # 73733			
Commitment Amount	\$10,635,000	Closing Date	02/24/2017
Commitment Code	L1000552	Map Location	17
<p>Project Need: Much of this work is mandated by a SSO consent decree. The City of La Porte (City) is under enforcement from the TCEQ. There were 30 recorded SSOs associated with the lift stations included in the project area within an eight-year period of 2007-2014. The project area is also contained within the Armand Bayou, home to one of the largest urban wildlife refuges in the United States.</p> <p>Project Description: The Lomax Area Wastewater Lift Station Consolidation Project included funding for planning, acquisition, design and construction. The project scope includes extending gravity sewer to replace nine existing sanitary lift stations with a single lift station/force main (net reduction of eight lift stations). Taking the eight lift stations offline is accomplished with the construction of a 4-mile gravity sewer. The project also includes reconstructing a 10th lift station, lift station #23, which cannot be served by gravity due to a large oil and gas pipeline corridor. Finally, the project will include a flow meter to plan for possible future I&I issues.</p>			

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Laguna Madre WD			
Port Isabel WWTP Phase I Improvements			
Project # 73730			
Commitment Amount	\$5,815,000	Closing Date	10/06/2016
Commitment Code	L1000539	Map Location	18
<p>Project Need: The Laguna Madre Water District's (District) current sole source of water is 7,300 acre-feet per year (a.f./y) of water rights from the Rio Grande. These water rights are subject to curtailment to as low as a minimum threshold of 5,550 a.f./y during periods of drought. Current water demands exceed the minimum threshold at full curtailment. In addition, the District's water supply could also be endangered if raw water quality problems arise.</p> <p>Project Description: The current project phase includes improvements to the District's existing Port Isabel WWTP facilities and equipment. These improvements will improve effluent quality and increase the WWTP's operational reliability and efficiency while maintaining the current treatment capacity and flows. The project will also be the foundation to meet intake water quality requirements of a future advanced water treatment facility that will discharge high quality reuse water to be used as irrigation water or to be delivered to the District's water treatment plants for potable use.</p>			
Lubbock			
Northwest Drainage Improvements			
Project # 73734			
Commitment Amount	\$35,000,000	Closing Date	02/16/2017
Commitment Code	L1000596	Map Location	19
<p>Project Need: The areas along the Quaker Avenue corridor in the northern and northwest portions of the City of Lubbock (City) have been historically flood prone, affecting residential and commercial structures including a major medical district.</p> <p>Project Description: The City proposes to construct the upstream half of a trunk line and the upstream inlet of their stormwater system to maintain playa lakes at a pre-rain condition. This would restore capacity within the playa lakes, thereby, reducing the risk of flooding during future rainfall events.</p>			
McAllen			
North McAllen WWTP Reuse Project			
Project # 73731			
Commitment Amount	\$8,349,567	Closing Date	12/14/2016
Commitment Code	L1000529, LF1000540	Map Location	20
<p>Project Need: The City of McAllen (City) plans to deliver Type 1 reuse water to multiple clients, including the new 2,600-acre Tres Lagos subdivision, the McAllen Youth Sports Complex, and several schools. The delivery of Type 1 reuse water for land application will allow the City to off-set its potable water usage.</p> <p>Project Description: The proposed project will include improvements to the City's North WWTP to make it capable of producing effluent that meets Type 1 reclaimed water standards, conversion of an abandoned aeration basin to function as a Type 1 reuse storage vessel, and construction of a booster pump station and approximately seven miles of reclaimed water transmission lines.</p>			

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Montgomery			
Lift Station No. 3 FM Re-Route			
Project # 73740			
Commitment Amount	\$1,090,000	Closing Date	05/11/2017
Commitment Code	L1000604	Map Location	21
<p>Project Need: The proposed project includes the rerouting of an existing force main which will need to be permanently relocated in advance of Texas Department of Transportation widening of Farm-to-Market 149 and upsized to handle additional flow.</p> <p>Project Description: The project includes the abandonment of an existing 4-inch force main and the construction of a new 6-inch force main to directly pump wastewater from Lift Station No. 3 to Lift Station No. 1 and bypass Lift Station No. 2. The proposed 2,700 linear feet of 6-inch force main will connect Lift Station No. 3 to an existing unused emergency 6-inch force main along SH-105 currently connected to Lift Station No. 1. The proposed project also includes the replacement of existing lift pumps and the addition of a third lift pump at Lift Station No. 1 which is currently undersized and operating above design capacity.</p>			
River Oaks			
Collection System Improvements			
Project # 73749			
Commitment Amount	\$7,000,000	Closing Date	05/04/2017
Commitment Code	L1000575	Map Location	22
<p>Project Need: The City of River Oaks (City) has entered into a SSO Initiative and subsequent Enforcement Order with the TCEQ which establishes a plan for the City to improve the performance of its wastewater collection system.</p> <p>Project Description: The project replaces approximately 8.7 miles of aged sewer lines. Some sections of these lines are leaking and are a continued source of groundwater pollution. Others are not capable of conducting normal flows, which causes raw sewage backups and overflows. The proposed project includes replacement of sewer lines ranging from 6-inch to 8-inch in diameter, construction of manholes, reattachment of existing sewer services, and new sewer cleanouts.</p>			
Rogers			
Collection System and WWTP Improvements			
Project # 73751			
Commitment Amount	\$2,400,000	Closing Date	07/14/2017
Commitment Code	L1000625, L1000662	Map Location	23
<p>Project Need: The City of Rogers' (City) existing collection system experiences I&I rates due to old clay wastewater lines, dilapidated manholes, and failing lift station equipment, which causes bypasses and system excursions. The WWTP needs rehabilitation of the settling tank and potential structural repairs to pond berms. The City is currently under an agreed order with the TCEQ requiring WWTP improvements.</p>			

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Project Description: The project would include replacement of defective wastewater collection lines, rehabilitation of manholes, and repairs to lift station equipment to mitigate system I&I. The plant's settling tank will be rehabilitated, any structural issues with pond berms will be corrected, and sludge will be removed from the facultative lagoon and the first stabilization pond. The project also includes refinancing of a 2015 Texas Department of Agriculture loan and a 2016 City tax note.

San Antonio Water System

Dos Rios Electrical Rehabilitation Phase 1

Project # 73732

Commitment Amount	\$14,360,000	Closing Date	12/15/2016
Commitment Code	L1000546	Map Location	24

Project Need: The San Antonio Water System (SAWS) has experienced problems with electrical system components at their Dos Rios Water Recycling Center (WRC) due to aging, obsolete, and unserviceable materials and equipment. Improvements are needed to help bring the WRC into compliance, ensure the safety of SAWS personnel, minimize electrical failures, and ensure efficient plant operations.

Project Description: SAWS requested construction funding to replace electrical system components at the WRC facility. These systems are aging, in poor condition, and do not meet federal, state, and local electrical codes. The proposed project will complete Phase I of the improvements.

San Marcos

Reuse System Expansion

Project # 73696

Commitment Amount	\$5,445,839	Closing Date	05/25/2017
Commitment Code	L1000600	Map Location	25

Project Need: The City of San Marcos (City) has actively pursued the development of water conservation and water supply strategies including development of other reliable water sources. To meet these goals, the City plans to expand upon their existing reclaimed water program.

Project Description: The City sought construction funding for their Water Reuse Expansion Project. The project includes an extension of approximately 9,000 linear feet of 16-inch diameter reclaimed water transmission pipeline and 117 linear feet of 12-inch diameter reclaimed water transmission pipeline to deliver reclaimed water to Texas State University for thermal plant makeup water. Reclaimed water will replace up to 170 million gallons of potable water used by the university's four thermal plants annually. The proposed project will also include the construction of a 500,000-gallon elevated storage tank and replace the existing 125 horsepower (hp) pumps at the reclaimed pump station, with four 150 hp pumps.

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San Marcos			
Flood Mitigation			
Project # 73748			
Commitment Amount	\$1,961,821	Closing Date	05/25/2017
Commitment Code	L1000601	Map Location	26
<p>Project Need: The City of San Marcos (City) is experiencing multiple flooding events within the City. The flooding has caused home and infrastructure damage and the City is taking steps to address the flooding issues.</p> <p>Project Description: The City seeks funding to finance a flood mitigation planning study evaluating options to address repeated flooding of homes and infrastructure at the confluences of the San Marcos and Blanco Rivers. Acquisition funds will be used for the obtainment of easements and property required to construct a selected project. The entire Blanco Gardens Subdivision is located within the FEMA regulatory 100-yr floodplain, and the subdivision has been inundated during recent flooding events. The City plans to use additional acquisition funds in the future after a determination of the location of high flood risk homes.</p> <p>The City's formulation of the engineering feasibility report will utilize the existing hydrologic and hydraulic data of the area to identify the most cost-effective alternatives. Possible alternatives consist of a diversion channel, Blanco channel modification, storm drainage system, and additional structure acquisition. The diversion channel alternative consists of the construction of a high flow channel rerouting flow downstream. The Blanco channel modification consists of a benched channel modification that will reduce flood elevation during high flow events. The third alternative consists of the upgrade of the Blanco Gardens storm drainage system used in conjunction with one of the prior alternatives. The final alternative will investigate the acquisition of residential structures in high risk flooding areas as a short-term solution paired with a long-term engineering solution.</p>			
Sulphur Springs			
WWTP Upgrade			
Project # 73725			
Commitment Amount	\$18,200,000	Closing Date	10/04/2016
Commitment Code	L1000505	Map Location	27
<p>Project Need: The City of Sulphur Springs (City) needs to rehabilitate and expand its existing WWTP to address recent TCEQ enforcement actions and maintain treatment standards. The plant has exceeded permit limitations for Carbonaceous Biochemical Oxygen Demand (COBD5), residual chlorine, ammonia, and Total Suspended Solids (TSS) and the City was placed into an Agreed Order requiring compliance with these effluent limits.</p> <p>Project Description: The City is requesting funding for both design and construction to rehabilitate the City's WWTP including expanded capacity. This project is needed to replace aged infrastructure, improve treatment capacity to accommodate increased loading rates, and construct new processes to enable the plant to maintain compliance with the Agreed Order. The City will expand the biological treatment capacity by constructing four new aeration basins at the end of both treatment trains, converting all existing aeration basins to diffused air and reconfiguring the flow to plug flow. The existing shallow final clarifiers will be demolished to make room for the aeration basins. Three new final</p>			

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clarifiers, a RAS/WAS/settled water pump station, a new blower facility, and a new preliminary splitter structure will also be built. The SCADA system will be upgraded and backup power generation will be included. The flow capacity of the plant will remain at 5.4 MGD. During the project, the City will also prepare an Asset Management Plan for the newly rehabilitated Water Treatment Plant.

Weatherford

Reclaimed Water System

Project # 73726

Commitment Amount	\$12,770,433	Closing Date	12/15/2016
Commitment Code	L1000511, LF1000522	Map Location	28

Project Need: The City of Weatherford (City) needs to create a more sustainable water supply for the city by completing an indirect reuse system.

Project Description: The City's Reclaimed Water System project consists of wastewater treatment plant improvements, a reuse water pump station, a reuse water line and an outfall structure.

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Equivalency Projects - SFY 2016					
Recipient	Project ID	Commitment #	Amount	Commitment Date	Closing Date
Anahuac	73736	L1000565	\$ 11,440,000	11/17/2016	05/05/2017
Arlington	73723	L1000491	2,080,000	02/18/2016	05/26/2016
Arlington	73723	LF1000498	359,700	02/18/2016	05/26/2016
Cameron	73727	L1000516	12,000,000	05/05/2016	09/14/2016
Cameron	73727	LF1000523	691,538	05/05/2016	09/14/2016
Eldorado	73625	L1000538	575,000	07/07/2016	09/15/2016
Greater Texoma UA	73724	LF1000520	69,219	03/21/2016	04/28/2016
Greater Texoma UA	73724	L1000506	165,000	03/21/2016	04/28/2016
Houston	73719	L1000508	65,750,000	02/18/2016	02/15/2017
Kerr County	10366	L1000484	5,110,000	12/14/2015	06/21/2016
Kerr County	10366	LF1000495	11,700,273	12/14/2015	06/21/2016
McAllen	73731	LF1000540	1,239,567	06/14/2016	12/14/2016
McAllen	73731	L1000529	7,110,000	06/14/2016	12/14/2016
Montgomery	73740	L1000604	1,090,000	03/09/2017	05/11/2017
North Fort Bend WA	73721	LF1000509	1,632,000	02/18/2016	08/25/2016
North Fort Bend WA	73721	L1000510	9,420,000	02/18/2016	08/25/2016
Vinton	73704	L1000493	825,000	03/03/2016	06/28/2016
Vinton	73704	LF1000503	1,885,860	03/03/2016	06/28/2016
Totals	18		\$ 133,143,157		

Amount of Grant (2015 Appropriations): \$ 63,756,000
Percentage: 209%

Equivalency Projects - SFY 2017					
Recipient	Project ID	Commitment #	Amount	Commitment Date	Closing Date
Acton MUD	73745	L1000580	\$ 644,500	03/29/2017	06/21/2017
Alton	73747	L1000567	500,000	01/26/2017	05/25/2017
Arlington	73752	L1000576	5,601,861	01/12/2017	05/02/2017
Dallas	73757	LM18067	22,000,000	05/31/2017	N/A
Dallas	73757	LM21067	22,000,000	05/31/2017	N/A
Dallas	73757	LM19067	22,000,000	05/31/2017	N/A
Dallas	73757	LM20067	22,000,000	05/31/2017	N/A
Dallas	73757	LM17067	22,000,000	05/31/2017	N/A
Eastland	73755	L1000619	6,765,000	07/20/2017	10/05/2017
Eastland	73755	LF1000647	834,660	07/20/2017	10/05/2017
Ennis	73765	L1000641	10,000,000	07/27/2017	N/A
Farmersville	73761	L1000631	5,845,000	07/27/2017	09/21/2017
Fort Worth	73750	L1000573	16,991,157	01/12/2017	05/11/2017
Grand Prairie	73753	L1000571	5,741,175	01/26/2017	05/23/2017
Houston	73742	L1000603	64,680,000	04/06/2017	N/A
Hudson	73714	L1000606	4,295,908	02/23/2017	05/16/2017
Huntington	73681	L1000598	2,312,025	01/26/2017	05/02/2017
Lubbock	73734	L1000596	35,000,000	11/17/2016	02/16/2017
Quinlan	73759	L1000618	1,675,000	07/06/2017	09/19/2017
River Oaks	73749	L1000575	7,000,000	02/10/2017	05/04/2017
San Juan	10441	L1000620	2,285,000	05/31/2017	09/26/2017
San Marcos	73696	L1000600	5,445,839	01/26/2017	05/25/2017
San Marcos	73748	L1000601	1,961,821	01/26/2017	05/25/2017
Savoy	73767	L1000669	2,754,000	09/28/2017	N/A
Vinton	73704	LF1000664	11,646,454	05/31/2017	N/A
Vinton	73704	L1000589	5,085,000	05/31/2017	N/A
Totals	26		\$ 307,064,400		

Amount of Grant (2016 Appropriations): \$ 61,068,000
Percentage: 503%

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CWSRF Project Starts					
Entity	Commitment #	Project #	Closing Date	Completion Date	Net Amount
Agua SUD	L1000423	10365	08/11/2015	02/27/2017	\$ 8,150,000
Center	L110070	73623	04/26/2012	11/28/2016	2,070,000
Eldorado	L1000538	73625	09/15/2016	12/19/2016	575,000
Eldorado	L110071	73625	02/21/2013	12/19/2016	1,200,000
Grand Prairie	L1000155	73654	07/18/2013	12/05/2016	1,805,000
Grand Prairie	LF1000156	73654	07/18/2013	12/05/2016	274,431
Roscoe	L1000205	73666	12/19/2013	01/16/2017	1,040,000
Angelina & Neches RA	L1000396	73677	01/29/2016	01/04/2017	1,820,000
Angelina & Neches RA	LF1000397	73677	01/29/2016	01/04/2017	3,176,250
Early	L1000324	73690	05/20/2015	05/22/2017	8,365,000
San Marcos	L1000349	73696	05/27/2015	06/19/2017	410,000
San Marcos	L1000600	73696	05/25/2017	06/19/2017	5,445,839
San Marcos	LF1000351	73696	05/27/2015	06/19/2017	401,915
Laredo	L1000357	73705	11/30/2015	03/01/2017	22,075,000
Castroville	L1000391	73707	12/07/2015	11/28/2016	9,050,000
Mission	L1000356	73708	10/28/2015	09/12/2016	16,140,000
Greater Texoma UA	L1000447	73715	09/29/2015	02/16/2017	640,000
Arlington	L1000491	73723	05/26/2016	06/05/2017	2,080,000
Arlington	LF1000498	73723	05/26/2016	06/05/2017	359,700
Sulphur Springs	L1000505	73725	10/04/2016	12/15/2016	18,200,000
Laguna Madre WD	L1000539	73730	10/06/2016	03/06/2017	5,815,000
McAllen	L1000529	73731	12/14/2016	06/02/2017	7,110,000
McAllen	LF1000540	73731	12/14/2016	06/02/2017	1,239,567
San Antonio Water System	L1000546	73732	12/15/2016	02/27/2017	14,360,000
Lubbock	L1000596	73734	02/16/2017	05/15/2017	35,000,000
Alamo	L1000560	73738	03/30/2017	03/30/2017	1,000,000
Acton MUD	L1000580	73745	06/21/2017	06/21/2017	644,500
Alton	L1000567	73747	05/25/2017	05/25/2017	500,000
San Marcos	L1000601	73748	05/25/2017	05/25/2017	1,961,821
Castroville	L1000393	73646	11/24/2015	04/03/2017	3,050,000
Totals		23	unique projects		\$ 173,959,023

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CWSRF Project Completions					
Entity	Commitment #	Project #	Closing Date	Completion Date	Net Amount
Fort Worth	L070070	72104	11/06/2007	06/25/2017	\$ 33,560,000
Houston	L080012	72228	02/17/2010	06/27/2017	15,110,000
Houston	L100067	72228	06/02/2011	06/27/2017	22,795,000
Trinity River Authority	L100033	72321	12/22/2009	07/17/2017	8,280,000
Trinity River Authority	L100040	72321	10/06/2011	07/17/2017	11,710,000
Robstown	L110033	73603	10/13/2011	01/23/2017	2,635,000
Harris Co MUD # 33	L110056	73621	05/24/2012	01/11/2017	2,195,000
Castroville	L1000060	73646	03/21/2013	11/16/2016	375,000
Wimberley	L1000152	73653	09/20/2013	02/08/2017	650,000
Buda	L1000157	73657	08/29/2013	09/06/2016	125,000
Buda	LF1000158	73657	08/29/2013	09/06/2016	276,500
Aqua WSC	L1000167	73658	02/27/2014	10/14/2016	54,530
Aqua WSC	LF1000168	73658	02/27/2014	10/14/2016	127,238
Huntington	L1000229	73681	02/27/2014	10/04/2016	125,000
Huntington	LF1000230	73681	02/27/2014	10/04/2016	123,844
Greater Texoma UA	L1000309	73689	08/26/2014	06/21/2017	1,780,000
Greater Texoma UA	L1000380	73689	03/31/2015	06/21/2017	3,560,000
Winnsboro	L1000343	73700	03/24/2015	01/30/2017	1,040,000
Greater Texoma UA	L1000506	73724	04/28/2016	09/13/2016	165,000
Greater Texoma UA	LF1000520	73724	04/28/2016	09/13/2016	69,219
Totals		13	unique projects		\$ 104,756,331

**Texas Water Development Board
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CW Benefits Summary Loan List for Texas

System Number	Recipient	Tracking Number	Assistance Amount	Initial Agreement
TX 403	Acton MUD	73745 - L1000580	644,500	6/21/2017
TX 389	Alamo	73738 - L1000560	1,000,000	3/30/2017
TX 393	Alton	73747 - L1000567	500,000	5/25/2017
TX 394	Anahuac	73736 - L1000565	11,440,000	5/5/2017
TX 391	Arlington	73752 - L1000576	5,601,861	5/2/2017
TX 382	Bonham	73735 - L1000542	3,800,000	11/29/2016
TX 377	Cameron	73727 - L1000516, L	12,691,538	9/14/2016
TX 405	Cotulla	73737 - L1000556	3,350,000	8/17/2017
TX 379	Eldorado	73625 - L1000538	575,000	9/15/2016
TX 396	Fort Worth	73750 - L1000573	16,991,157	5/11/2017
TX 397	Grand Prairie	73753 - L1000571	5,741,175	5/23/2017
TX 388	Houston	73719 - L1000508	65,750,000	2/15/2017
TX 398	Hudson	73714 - L1000606	4,295,908	5/16/2017
TX 392	Huntington	73681 - L1000598	2,312,025	5/2/2017
TX 402	Jarrell	73754 - L1000602	12,000,000	6/20/2017
TX 390	Jefferson Co WCID # 10	73739 - L1000594	1,000,000	3/31/2017
TX 386	La Porte	73733 - L1000552	10,635,000	2/24/2017
TX 381	Laguna Madre WD	73730 - L1000539	5,815,000	10/6/2016
TX 387	Lubbock	73734 - L1000596	35,000,000	2/16/2017
TX 385	McAllen	73731 - L1000529, L	8,349,567	12/14/2016
TX 399	Montgomery	73740 - L1000604	1,090,000	5/11/2017
TX 395	River Oaks	73749 - L1000575	7,000,000	5/4/2017
TX 404	Rogers	73751 - L1000625,	2,400,000	7/14/2017
TX 384	San Antonio Water System	73732 - L1000546	14,360,000	12/15/2016
TX 400	San Marcos	73696 - L1000600	5,445,839	5/25/2017
TX 401	San Marcos	73748 - L1000601	1,961,821	5/25/2017
TX 380	Sulphur Springs	73725 - L1000505	18,200,000	10/4/2016
TX 383	Weatherford	73726 - L1000511, L	12,770,433	12/15/2016
Total for all 28 Loans			270,720,824	

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**Texas CW Benefits Summary Report for Projects with Water Uses Reported
All Loans**

	Loans		Projects			Borrowers		
	Assistance Dollars (millions)	Loan Count	Assistance Dollars (millions)	Subsidy Dollars (millions)	Project Count	Facility Population (millions)	Facility Flow (MGD)	Borrower Count
Total Records	270.7	28	270.7		28	6.3	8	27
Records with Benefits Data	194.7	12	194.7	128.0	12	5.4	7	12
Impacting Human Health	121.4	8	121.4	80.5	8	3.5	0	8
	62%	67%	62%		67%	28,583	People Served per \$million	67%
With Impaired Waterbody			63.1	42.2	7	1.3	7	7
			32%		58%	20,142	People Served per \$million	58%
With Waterbody Meeting Standards			3.8	2.6	1			
To Improve Water Quality			73.4	46.8	7			
To Maintain Water Quality			6.2	4.0	2			
To Achieve Compliance			49.0	35.5	6			
To Maintain Compliance			30.6	15.4	3			

**Texas Water Development Board
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**Texas Program Performance Measures for CW Benefits
All Primary and Secondary Uses**

	Number of Projects	Assistance Dollars (Millions)	Measure (Projects per Million \$)
Waterbodies Protected			
Protected and Restored	1	65.8	0.015
Protected but Not Restored	11	109.5	0.1
All Protected	12	175.2	0.068
Waterbodies Restored			
Restored and Protected	1	65.8	0.015
Restored but Not Protected	3	39.9	0.075
All Restored	4	105.7	0.038

All Dates from 9/1/2016 thru 8/31/2017

9/28/2017

**Texas Water Development Board
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Reported Needs Categories for Texas

Needs Category	Number of Projects	Total Amount	
CWT - Advanced Treatment	7	36,227,263	13.4%
CWT - Infiltration/Inflow	7	35,591,017	13.1%
CWT - New Collector Sewers	1	257,800	0.1%
CWT - New Interceptors	2	11,328,608	4.2%
CWT - Secondary Treatment	10	59,329,635	21.9%
CWT - Sewer System Rehabilitation	11	76,729,275	28.3%
NPS - Hydromodification/Habitat Restoratio	1	1,961,821	0.7%
Stormwater - Gray Infrastructure	2	35,250,000	13.0%
Stormwater - Green Infrastructure	1	250,000	0.1%
Water Conservation - Water Reuse	2	13,795,406	5.1%
		270,720,824	

All Dates from 9/1/2016 thru 8/31/2017

9/28/2017

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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, 2017, 32 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 active Texas projects for SAAP:

Project Name	Project #	Estimated Completion Date
Cotulla SAAP WWTP Rehab	80025	03/11/2018
Fort Bend Co FWSD 1 CWSRF-GR-SAAP	21524	11/26/2019
Joshua Mountain Valley/Village Creek Drainage Improvements	80036	09/30/2023
Lorena CWSRF-SAAP	71830	10/29/2018
Temple SAAP Little Elm Trunk Sewer	80035	06/30/2019

Attachment A: SFY 2017 Annual Financial Report – CWSRF Financial Statements

Texas Water Development Board

CLEAN WATER STATE REVOLVING FUND

Annual Financial Report

For the Year Ended
August 31, 2017

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- Exhibit I – Combined Statement of Net Position
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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

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Clean Water State Revolving Fund

Exhibit I - Combined Statement of Net Position - Proprietary Funds

August 31, 2017

	Total Enterprise Funds (Exhibit F-1)
ASSETS	
Current Assets:	
Cash and Cash Equivalents:	
Cash in Bank (Note 3)	\$ 0.46
Cash Equivalents	75,039,873.74
Short Term Investments	245,037,691.48
Receivables from:	
Interest and Dividends	57,166,883.42
Loans and Contracts	125,068,800.00
Total Current Assets	502,313,249.10
Non-Current Assets:	
Loans and Contracts	2,470,756,330.00
Total Non-Current Assets	2,470,756,330.00
Total Assets	2,973,069,579.10
LIABILITIES	
Current Liabilities:	
Payables from:	
Interest Payable	1,037,066.42
Interfund Payables	13,623,219.70
Revenue Bonds Payable	11,510,679.99
Total Current Liabilities	26,170,966.11
Non-Current Liabilities:	
Interfund Payables	119,283,225.89
Revenue Bonds Payable	162,606,119.85
Total Non-Current Liabilities	281,889,345.74
Total Liabilities	308,060,311.85
NET POSITION	
Restricted for:	
Other	2,665,009,267.25
Total Net Position	\$ 2,665,009,267.25

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

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Clean Water State Revolving Funds
Exhibit II - Combining Statement of Revenues, Expenses, and
Changes in Fund Net Position - Proprietary Funds
For the Fiscal Year Ended August 31, 2017

	Total Enterprise Funds (Exhibit F-2)
OPERATING REVENUES:	
Interest and Investment Income	\$ 62,799,393.64
Net Increase (Decrease) Fair Market Value	(104,992.48)
Other Operating Revenue	4,749,778.00
Total Operating Revenues	67,444,179.16
OPERATING EXPENSES:	
Salaries and Wages	1,944,712.97
Payroll Related Costs	344,206.68
Professional Fees and Services	98,541.98
Travel	16,067.10
Materials and Supplies	2,114.14
Communication and Utilities	16,158.40
Rentals and Leases	26,193.29
Interest	17,211,206.35
Other Operating Expenses	11,265.76
Total Operating Expenses	19,670,466.67
Operating Income (Loss)	47,773,712.49
NONOPERATING REVENUE (EXPENSES):	
Federal Revenue	61,068,000.00
Other Nonoperating Revenue (Expenses)	(9,320,824.00)
Total Nonoperating Revenue (Expenses)	51,747,176.00
Income/(Loss) Before Other Revenues, Expenses, Gains/Losses and Transfers	99,520,888.49
OTHER REVENUES, EXPENSES, GAINS/LOSSES AND TRANSFERS:	
Transfers In	109,206.50
Total Other Revenue, Expenses, Gain/Losses and Transfers	109,206.50
Change in Net Position	99,630,094.99
Total Net Position - Beginning	2,565,379,172.26
Total Net Position, August 31, 2017	\$ 2,665,009,267.25

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

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Clean Water State Revolving Fund

Exhibit III - Combining Statement of Cash Flows - Proprietary Funds

For the Fiscal Year Ended August 31, 2017

	Total Enterprise Fund
CASH FLOWS FROM OPERATING ACTIVITIES	
Payments to Suppliers for Goods and Services	(137,733.25)
Payments to Employees	(2,304,986.75)
Net Cash Provided by Operating Activities	(2,442,720.00)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES	
Proceeds from Transfers from Other Funds	109,206.50
Proceeds from Grant Receipts	61,068,000.00
Payments of Principal on Debt Issuance	(445,925,000.00)
Payments of Interest	(36,750,943.53)
Payments of Other Costs of Debt Issuance	(16,540.32)
Payments for Grant Disbursements	(8,759,916.00)
Net Cash Provided by Noncapital Financing Activities	(430,275,193.35)
CASH FLOWS FROM INVESTING ACTIVITIES	
Proceeds from Sale of Investments	-
Proceeds from Interest and Investment Income	736,652,965.37
Proceeds from Principal Payments on Non-Program Loans	291,378,800.00
Payments to Acquire Investments	(451,580,319.62)
Payments for Non-program Loans Provided	(261,960,908.00)
Net Cash Provided by Investing Activities	314,490,537.75
 Net (Decrease) in Cash and Cash Equivalents	 (118,227,375.60)
 Cash and Cash Equivalents--September 1, 2016	 193,267,249.80
Cash and Cash Equivalents--August 31, 2017	\$ 75,039,874.20

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

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Clean Water State Revolving Fund

Exhibit III - Combining Statement of Cash Flows - Proprietary Funds (cont.)

For the Fiscal Year Ended August 31, 2017

	Total Enterprise Fund
Reconciliation of Operating Income to Net Cash Provided by Operating Activities	
Operating Income (Loss)	\$ 47,773,712.49
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities	
Operating Income and Cash Flow Categories:	
Classification Differences	(37,122,257.10)
Changes in Assets and Liabilities:	
Increase (Decrease) in Payables	(13,094,175.39)
Total Adjustments	(50,216,432.49)
Net Cash Provided by Operating Activities	\$ (2,442,720.00)
Non-Cash Transactions	
Net Increase (Decrease) in Fair Value of Investments	\$ (104,992.48)

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

Notes to the Financial Statements

Notes to the Financial Statements

NOTE 1: <i>Summary of Significant Accounting Policies</i>

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.

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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, 2017, 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)	\$ 75,039,873.74	\$ -	\$ -	\$ 75,039,873.74
U.S. Government Agency Obligations (Texas Treasury Safekeeping Trust Co)	78,982,053.14			78,982,053.14
Total Investment at Fair Value	\$ 154,021,926.88	\$ -	\$ -	\$ 154,021,926.88
INVESTMENTS AT AMORTIZED COST				
Repurchase Agreement (Texas Treasury Safekeeping Trust Co)				\$ 166,055,638.34
Total Investment at Amortize Cost				\$ 166,055,638.34
Total Investments-Gov't & Business Type				\$ 320,077,565.22

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, 2017, 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, 2017, 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)	\$ 75,039,873.74	Not Rated
05	3050	Repurchase Agreement (Texas Treasury Safekeeping Trust Co)	\$ 166,055,638.34	AA+
05	3050	U.S. Government Agency Obligations (Texas Treasury Safekeeping Trust Co)	\$ 78,982,053.14	AAA

NOTE 3: Long-Term Liabilities

Changes in Long-Term Liabilities

During the year ended August 31, 2017, the following changes occurred in long-term liabilities:

Business-Type Activities	Balance 09-01-16	Additions/(Reductions)	Balance 08-31-17	Amounts Due Within One Year	Amounts Due Thereafter
Notes & Loans Payable (Interfund)	\$146,111,067.10	(\$13,204,621.51)	\$132,906,445.59	\$13,623,219.70	\$119,283,225.89
Revenue Bonds Payable	\$627,124,966.99	(453,008,167.15)	174,116,799.84	11,510,679.99	\$162,606,119.85
Total Business-Type Activities	\$773,236,034.09	(\$466,212,788.66)	\$307,023,245.43	\$25,133,899.69	\$281,889,345.74

Texas Water Development Board (580)

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.

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, 2017, 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	\$13,623,219.70	\$119,283,225.89	State Match Loan
Total Interfund Receivable/Payable			\$13,623,219.70	\$ 119,283,225.89	

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. The amount of disallowed cost, if any, was undeterminable at August 31, 2017.

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Outstanding Loan and Grant Commitments

As of August 31, 2017, 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)*	271,585,000.00	12,724,119.00	284,309,119.00
Total Commitments	\$271,585,000.00	\$12,724,119.00	\$284,309,119.00

* DWSRF and CWSRF Grants refer to Loan Forgiveness

** Loans under this program will be financed with the issuance of new revenue bonds

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)							
					Maturities		
Description of Issue	Bonds Issued to Date	Date Issued	Range of Interest Rates		First Year	Last Year	First Call Date
CLEAN WATER STATE REVOLVING FUND							
W Dev State Revolving Fund Sub Lien Rev Bds Ser '08-A	203,050,000	1/8/2008	4.000%	5.000%	2008	2027	07/15/2017
W Dev State Revolving Fund Sub Lien Rev Bds Ser '08-B	261,425,000	7/15/2008	3.000%	5.250%	2010	2038	07/15/2017
W Dev State Revolving Fund Sub Lien Rev & Ref Bds Ser '09-A-2	32,765,000	8/18/2009	2.000%	5.000%	2010	2017	N/A
W Dev State Revolving Fund Sub Lien Rev Bds Ser '09-A-1	224,975,000	8/18/2009	3.000%	5.000%	2011	2029	07/15/2019

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 four revenue bond series outstanding at August 31, 2017.

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.

Texas Water Development Board (580)*Clean Water State Revolving Fund (CWSRF)*

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 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 Revolving Fund.

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.

	CWSRF Revenue Bonds
Pledged Revenue Required for Future Principal and Interest on Existing Bonds	\$221,302,900.00
Term of Commitment Year Ending Aug. 31	2029
Percentage of Revenue Pledged	100%
Current Year Pledged Revenue	\$358,260,669.51
Current Year Principal and Interest Paid	\$54,061,087.50

Early Extinguishment of Debt

In Fiscal Year 2017, the Board early extinguished bonds of nine series, including the complete early extinguishment of \$422,340,000 of two series of callable CWSRF bonds. The source of funds used in extinguishments was primarily unrestricted program funds. A portion of the bonds extinguished remain in escrow, and the total par value of defeased bonds outstanding as of August 31, 2017, is \$37,020,000. The individual bond series and year of defeasance are listed on Schedule 2E.

NOTE 7: Loans and Contracts

The Board purchases bonds from political subdivisions (including private water supply corporations). As of August 31, 2017, the balance of these bonds owned by the Board was \$2,595,825,130. 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 7.17% maturing through the year 2048. It is the opinion of management that all bonds are fully collectible; therefore, no provision for uncollectible amounts is included in these financial statements.

Texas Water Development Board (580)

NOTE 8: Available Federal Funds

As of August 31, 2017, there was no 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. Since the implementation of State Revolving Fund cost-recovery charges in October 1995, the Texas Water Development Board has collected \$105,768,047.37 in service charges from SRF loan recipients; \$4,749,778.00 was collected on loans made during the fiscal year ending August 31, 2017. The administrative account had expenses totaling \$16,540.32 in Fiscal Year 2017.

NOTE 10: State Match Requirement

As of August 31, 2017, \$381,824,256 had been provided for state match. Also, as of August 31, 2017, the total amount of federal capitalization grants awarded was \$2,188,243,141. The state match required for all capitalization grants awarded as of that date was \$381,824,256 leaving no balance to match future capitalization grants.

Combining Statements

UNAUDITED

Clean Water State Revolving Fund

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

August 31, 2017

	Clean Water Loan Program	Administration (Federal)	Administration (Fees)	Totals (Exhibit I)
ASSETS				
Current Assets:				
Cash and Cash Equivalents:				
Cash in Bank (Note 3)	\$ 0.46			\$ 0.46
Cash Equivalents	61,433,743.64		13,606,130.10	75,039,873.74
Short Term Investments	187,009,371.63		58,028,319.85	245,037,691.48
Receivables from:	-			
Interest and Dividends	57,150,632.81		16,250.61	57,166,883.42
Loans and Contracts	125,068,800.00			125,068,800.00
Total Current Assets	430,662,548.54	-	71,650,700.56	502,313,249.10
Non-Current Assets:				
Loans and Contracts	2,470,756,330.00			2,470,756,330.00
Total Non-Current Assets	2,470,756,330.00	-	-	2,470,756,330.00
Total Assets	2,901,418,878.54	-	71,650,700.56	2,973,069,579.10
LIABILITIES				
Current Liabilities:				
Payables from:				
Accounts Payable	-			-
Interest Payable	1,037,066.42			1,037,066.42
Interfund Payables	13,623,219.70			13,623,219.70
Deferred Revenue	(7,895,786.00)		7,895,786.00	-
Revenue Bonds Payable	11,510,679.99			11,510,679.99
Total Current Liabilities	18,275,180.11	-	7,895,786.00	26,170,966.11
Non-Current Liabilities:				
Interfund Payables	119,283,225.89			119,283,225.89
Revenue Bonds Payable	162,606,119.85			162,606,119.85
Total Non-Current Liabilities	281,889,345.74	-	-	281,889,345.74
Total Liabilities	300,164,525.85	-	7,895,786.00	308,060,311.85
NET POSITION				
Restricted for:				
Other	2,601,254,352.69	-	63,754,914.56	2,665,009,267.25
Total Net Position	\$ 2,601,254,352.69	\$ -	\$ 63,754,914.56	\$ 2,665,009,267.25

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

UNAUDITED

Clean Water State Revolving Funds
Exhibit F-2 - Combining Statement of Revenues, Expenses, and
Changes in Fund Net Position - Proprietary Funds
For the Fiscal Year Ended August 31, 2017

	Clean Water Loan Program	Administration (Federal)	Administration (Fees)	Totals (Exhibit I)
OPERATING REVENUES:				
Interest and Investment Income	\$ 62,367,295.71		\$ 432,097.93	\$ 62,799,393.64
Net Increase (Decrease) Fair Market Value	(85,955.38)		(19,037.10)	(104,992.48)
Other Operating Revenue	-		4,749,778.00	4,749,778.00
Total Operating Revenues	62,281,340.33	-	5,162,838.83	67,444,179.16
OPERATING EXPENSES:				
Salaries and Wages	-	1,944,712.97		1,944,712.97
Payroll Related Costs	-	344,206.68		344,206.68
Professional Fees and Services	-	86,279.48	12,262.50	98,541.98
Travel	-	16,067.10		16,067.10
Materials and Supplies	-	2,114.14		2,114.14
Communication and Utilities	-	11,880.58	4,277.82	16,158.40
Rentals and Leases	-	26,193.29		26,193.29
Interest	17,211,206.35			17,211,206.35
Other Operating Expenses	-	11,265.76		11,265.76
Total Operating Expenses	17,211,206.35	2,442,720.00	16,540.32	19,670,466.67
Operating Income (Loss)	45,070,133.98	(2,442,720.00)	5,146,298.51	47,773,712.49
NONOPERATING REVENUE (EXPENSES):				
Federal Revenue	58,625,280.00	2,442,720.00		61,068,000.00
Other Nonoperating Revenue (Expenses)	(9,320,824.00)			(9,320,824.00)
Total Nonoperating Revenue (Expenses)	49,304,456.00	2,442,720.00	-	51,747,176.00
Income/(Loss) Before Other Revenues, Expenses, Gains/Losses and Transfers	94,374,589.98	-	5,146,298.51	99,520,888.49
OTHER REVENUES, EXPENSES, GAINS/LOSSES AND TRANSFERS:				
Transfers In	109,206.50			109,206.50
Total Other Revenue, Expenses, Gain/Losses and Transfers	109,206.50	-	-	109,206.50
Change in Net Position	94,483,796.48	-	5,146,298.51	99,630,094.99
Total Net Position - Beginning	2,506,770,556.21		58,608,616.05	2,565,379,172.26
Total Net Position, August 31, 2017	\$ 2,601,254,352.69	\$ -	\$ 63,754,914.56	\$ 2,665,009,267.25

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

Schedules

UNAUDITED

Texas Water Development Board

Schedule 1 - Loans and Contracts

For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Clean Water State Revolving Fund				
Acton MUD	\$ 550,000.00	\$ 550,000.00	05/01/2019	05/01/2028
Agua SUD	2,375,000.00	2,310,000.00	08/01/2017	08/01/2044
Agua SUD	8,150,000.00	8,150,000.00	08/01/2018	08/01/2045
Alamo	4,000,000.00	2,345,000.00	03/01/2009	03/01/2027
Alamo	1,000,000.00	1,000,000.00	03/01/2018	03/01/2037
Aledo	675,000.00	620,000.00	08/15/2013	08/15/2042
Aledo	2,110,000.00	1,900,000.00	08/15/2013	08/15/2042
Aledo	3,345,000.00	3,020,000.00	08/15/2013	08/15/2042
Aledo	1,900,000.00	1,675,000.00	08/15/2013	08/15/2042
Alice	4,257,000.00	3,507,000.00	02/01/2013	02/01/2042
Alice	2,054,000.00	1,694,000.00	02/01/2013	02/01/2042
Alto	425,000.00	-	07/15/1998	07/15/2017
Alton	500,000.00	500,000.00	08/15/2018	08/15/2047
Alvord	390,000.00	-	10/01/1997	10/01/2016
Alvord	420,000.00	165,000.00	10/01/2005	10/01/2024
Amarillo	8,495,000.00	6,930,000.00	04/01/2014	04/01/2033
Anahuac	11,440,000.00	11,440,000.00	10/15/2018	10/15/2047
Angelina & Neches RA	205,000.00	165,000.00	10/01/2015	10/01/2024
Angelina & Neches RA	1,820,000.00	1,820,000.00	10/01/2017	10/01/2045
Anthony	4,000,000.00	3,520,000.00	08/15/2012	08/15/2039
Aqua WSC	54,530.00	38,130.00	04/15/2014	03/15/2024
Aransas Pass	1,115,000.00	535,000.00	02/01/2006	02/01/2025
Arcola	1,380,000.00	1,130,000.00	03/01/2009	03/01/2038
Arlington	13,885,000.00	9,025,000.00	06/01/2011	06/01/2030
Arlington	3,430,000.00	2,905,000.00	06/01/2015	06/01/2034
Arlington	2,080,000.00	1,975,000.00	06/01/2017	06/01/2036
Arlington	4,775,000.00	4,775,000.00	06/01/2018	06/01/2036
Austin	31,815,000.00	26,505,000.00	11/15/2012	11/15/2041
Azle	13,595,000.00	10,285,000.00	02/01/2013	02/01/2030
Bacliff MUD	4,890,000.00	2,000,000.00	09/01/2004	09/01/2023
Bacliff MUD	4,890,000.00	2,510,000.00	09/01/2006	09/01/2025
Bayview MUD	490,000.00	-	09/01/1998	09/01/2016
Bedford	630,000.00	480,000.00	02/01/2013	02/01/2032
Bell Co WCID # 2	1,055,000.00	775,000.00	09/01/2010	09/01/2029
Bells	130,000.00	10,000.00	02/15/2000	02/15/2018
Blossom	275,000.00	40,000.00	01/01/2000	01/01/2019
Bonham	1,675,000.00	740,000.00	02/15/2007	02/15/2026
Bonham	3,800,000.00	3,800,000.00	02/15/2018	02/15/2046
Brady	1,210,000.00	980,000.00	09/01/2015	09/01/2024
Breckenridge	840,000.00	765,000.00	03/15/2015	03/15/2044
Bridgeport	2,365,000.00	655,000.00	08/15/2004	08/15/2023
Brownsboro	700,000.00	285,000.00	08/15/2005	08/15/2024
Bryan	1,270,000.00	285,000.00	07/01/2010	07/01/2019
Bryan	15,685,000.00	13,580,000.00	07/01/2012	07/01/2030
Buffalo Gap	400,000.00	350,000.00	11/15/2012	11/15/2041
Burnet	11,425,000.00	9,055,000.00	02/01/2012	02/01/2040
Burnet	9,900,000.00	8,520,000.00	02/01/2014	02/01/2042
Caddo Mills	4,430,000.00	3,970,000.00	08/15/2014	08/15/2041
Cameron	710,000.00	310,000.00	02/01/2005	02/01/2024
Cameron	1,800,000.00	825,000.00	02/01/2006	02/01/2024
Cameron	860,000.00	680,000.00	03/01/2013	03/01/2032
Cameron	12,000,000.00	11,560,000.00	03/01/2017	03/01/2042

UNAUDITED

Texas Water Development Board

Schedule 1 - Loans and Contracts

For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Campbell	240,000.00	35,000.00	08/15/2000	08/15/2019
Castroville	375,000.00	235,000.00	02/01/2014	02/01/2023
Castroville	3,050,000.00	2,750,000.00	08/01/2016	08/01/2035
Castroville	9,050,000.00	8,475,000.00	08/01/2016	08/01/2045
Celina	4,480,000.00	705,000.00	09/01/2009	09/01/2028
Center	2,070,000.00	1,850,000.00	02/15/2014	02/15/2035
Cibolo Creek MA	1,500,000.00	425,000.00	07/10/2003	07/10/2022
Cibolo Creek MA	2,745,000.00	2,010,000.00	07/10/2011	07/10/2031
Cibolo Creek MA	24,440,000.00	20,600,000.00	07/10/2013	07/10/2037
Cisco	475,000.00	340,000.00	02/15/2015	08/15/2024
Cleveland	555,000.00	385,000.00	03/01/2010	03/01/2029
Cleveland	2,360,000.00	1,765,000.00	03/01/2012	03/01/2031
Comanche	755,000.00	720,000.00	09/01/2015	09/01/2044
Commerce	2,005,000.00	1,000,000.00	08/15/2008	08/15/2027
Commerce	3,490,000.00	2,685,000.00	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	200,000.00	09/01/2002	09/01/2021
Cushing	510,000.00	490,000.00	09/01/2015	09/01/2044
Deer Park	5,000,000.00	250,000.00	03/01/2004	03/01/2023
Del Rio	5,000,000.00	4,485,000.00	06/01/2013	06/01/2042
DeLeon	2,350,000.00	1,390,000.00	02/15/2010	02/15/2029
Dell City	75,000.00	60,000.00	02/15/2015	02/15/2024
Detroit	925,000.00	215,000.00	07/01/2002	07/01/2020
Eagle Pass	10,110,000.00	2,930,000.00	12/01/2005	12/01/2024
Eagle Pass	700,000.00	35,000.00	12/01/2004	12/01/2023
Early	8,365,000.00	8,290,000.00	02/15/2017	02/15/2046
East Cedar Creek FWSD	1,500,000.00	725,000.00	01/01/2006	01/01/2025
Eastland	975,000.00	675,000.00	02/15/2010	02/15/2029
Edcouch	1,055,000.00	950,000.00	01/01/2014	01/01/2042
Edinburg	4,020,000.00	2,725,000.00	03/01/2010	03/01/2029
El Campo	150,000.00	120,000.00	02/01/2016	02/01/2025
El Paso	14,000,000.00	11,735,000.00	03/01/2010	03/01/2029
El Paso	22,000,000.00	18,450,000.00	03/01/2010	03/01/2029
El Paso	2,163,000.00	1,508,000.00	03/01/2012	03/01/2031
Eldorado	1,200,000.00	1,020,000.00	08/01/2014	08/01/2035
Eldorado	575,000.00	550,000.00	08/01/2017	08/01/2036
Eules	2,380,000.00	2,260,000.00	07/15/2017	07/15/2035
Evadale WCID # 1	1,550,000.00	510,000.00	07/01/2003	07/01/2022
Fairfield	4,415,000.00	1,565,000.00	09/01/2003	09/01/2022
Fort Bend Co FWSD # 1	6,935,000.00	3,895,000.00	08/15/2008	08/15/2027
Fort Bend Co FWSD # 1	5,285,000.00	4,540,000.00	08/15/2012	08/15/2039
Fort Worth	33,560,000.00	19,380,000.00	03/01/2009	03/01/2027
Fort Worth	28,000,000.00	19,125,000.00	02/15/2011	02/15/2030
Fort Worth	39,000,000.00	35,330,000.00	02/15/2016	02/15/2035
Fort Worth	16,045,000.00	16,045,000.00	02/15/2018	02/15/2047
Grand Prairie	1,805,000.00	605,000.00	01/15/2014	01/15/2019
Grand Prairie	5,110,000.00	5,110,000.00	01/15/2018	01/15/2030
Greater Texoma UA	300,000.00	-	04/01/1998	04/01/2017
Greater Texoma UA	155,000.00	10,000.00	04/01/1999	04/01/2018
Greater Texoma UA	500,000.00	185,000.00	07/01/2001	07/01/2020
Greater Texoma UA	865,000.00	-	10/01/2003	10/01/2021
Greater Texoma UA	400,000.00	220,000.00	06/01/2007	06/01/2026
Greater Texoma UA	3,870,000.00	2,095,000.00	06/01/2007	06/01/2026
Greater Texoma UA	3,430,000.00	2,215,000.00	06/01/2009	06/01/2028
Greater Texoma UA	3,710,000.00	2,355,000.00	10/01/2008	10/01/2027

UNAUDITED

Texas Water Development Board

Schedule 1 - Loans and Contracts

For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Greater Texoma UA	2,705,000.00	1,980,000.00	10/01/2010	10/01/2029
Greater Texoma UA	3,975,000.00	3,105,000.00	10/01/2011	10/01/2029
Greater Texoma UA	1,400,000.00	1,035,000.00	06/01/2011	06/01/2029
Greater Texoma UA	2,825,000.00	2,635,000.00	08/15/2013	08/15/2041
Greater Texoma UA	1,730,000.00	1,525,000.00	06/01/2015	06/01/2034
Greater Texoma UA	2,085,000.00	1,940,000.00	08/15/2015	08/15/2041
Greater Texoma UA	1,780,000.00	1,615,000.00	10/01/2015	10/01/2034
Greater Texoma UA	3,560,000.00	3,430,000.00	10/01/2016	10/01/2035
Greater Texoma UA	640,000.00	615,000.00	10/01/2016	10/01/2035
Greater Texoma UA	165,000.00	165,000.00	10/01/2017	10/01/2041
Greenville	20,000,000.00	13,945,000.00	02/15/2011	02/15/2030
Groesbeck	2,000,000.00	1,000,000.00	02/15/2008	02/15/2027
Groves	715,000.00	-	09/01/2007	09/01/2026
Groves	5,000,000.00	-	09/01/2008	09/01/2027
Harris Co FWSD # 47	4,365,000.00	3,140,000.00	09/01/2010	09/01/2028
Harris Co MUD # 33	2,195,000.00	2,045,000.00	03/01/2013	03/01/2036
Harris Co MUD # 46	2,275,000.00	2,060,000.00	05/01/2010	05/01/2032
Harris Co MUD # 50	1,500,000.00	945,000.00	03/01/2009	03/01/2028
Harris Co MUD # 50	2,460,000.00	2,225,000.00	03/01/2016	03/01/2034
Harris Co MUD # 148	2,855,000.00	2,060,000.00	04/01/2012	04/01/2031
Harris Co WCID # 36	5,000,000.00	3,450,000.00	09/15/2010	09/15/2028
Harris Co WCID # 89	7,565,000.00	3,900,000.00	10/01/2010	10/01/2029
Hidalgo Co MUD # 1	3,520,000.00	2,600,000.00	02/15/2010	02/15/2039
Hidalgo Co MUD # 1	1,500,000.00	1,170,000.00	02/15/2013	02/15/2032
Hillcrest Village	300,000.00	40,000.00	03/15/2001	03/15/2019
Honey Grove	1,000,000.00	210,000.00	09/01/2000	09/01/2019
Houston	45,050,000.00	39,545,000.00	11/15/2008	11/15/2037
Houston	52,650,000.00	46,185,000.00	11/15/2008	11/15/2037
Houston	61,545,000.00	55,160,000.00	11/15/2009	11/15/2038
Houston	15,110,000.00	12,365,000.00	11/15/2010	11/15/2039
Houston	22,795,000.00	21,555,000.00	11/15/2011	11/15/2040
Houston	58,245,000.00	55,390,000.00	11/15/2011	11/15/2040
Houston	49,900,000.00	43,880,000.00	11/15/2013	11/15/2042
Houston	48,750,000.00	43,080,000.00	11/15/2013	11/15/2042
Houston	65,000,000.00	59,855,000.00	11/15/2014	11/15/2043
Houston	55,005,000.00	51,685,000.00	11/15/2015	11/15/2044
Houston	63,435,000.00	61,510,000.00	11/15/2016	11/15/2045
Houston	65,750,000.00	65,750,000.00	11/15/2018	11/15/2046
Hudson	410,000.00	375,000.00	08/15/2016	08/15/2045
Hudson	3,735,000.00	3,735,000.00	08/15/2018	08/15/2036
Huntington	125,000.00	95,000.00	02/01/2015	02/01/2024
Huntington	1,180,000.00	1,180,000.00	02/01/2018	02/01/2037
Hutto	2,520,000.00	2,115,000.00	08/01/2013	08/01/2036
Hutto	21,740,000.00	20,890,000.00	08/01/2017	08/01/2039
Ingram	175,000.00	115,000.00	02/15/2014	02/15/2023
Ingram	1,185,000.00	1,145,000.00	02/15/2016	02/15/2043
Ingram	803,000.00	610,000.00	02/15/2011	02/15/2040
Jarrell	7,895,000.00	5,370,000.00	08/01/2007	08/01/2026
Jarrell	1,520,000.00	1,305,000.00	08/01/2010	08/01/2038
Jarrell	12,000,000.00	12,000,000.00	08/01/2018	08/01/2042
Jefferson	1,630,000.00	1,630,000.00	02/15/2018	02/15/2037
Jefferson Co WCID # 10	2,750,000.00	2,100,000.00	08/15/2011	08/15/2030
Jefferson Co WCID # 10	1,000,000.00	1,000,000.00	08/15/2018	08/15/2037
Johnson City	895,000.00	885,000.00	08/01/2016	08/01/2035
Keller	5,835,000.00	4,570,000.00	02/15/2013	02/15/2032

UNAUDITED

Texas Water Development Board

Schedule 1 - Loans and Contracts

For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Kermit	4,595,000.00	2,780,000.00	02/15/2009	02/15/2028
Kerr County	570,000.00	310,000.00	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
Kirbyville	1,370,000.00	1,240,000.00	11/15/2016	11/15/2035
La Feria	385,000.00	220,000.00	09/15/2006	09/15/2025
La Joya	2,155,000.00	1,133,000.00	03/01/2008	03/01/2027
La Joya	4,565,000.00	3,480,000.00	09/01/2010	09/01/2039
La Porte	10,635,000.00	10,635,000.00	03/15/2018	03/15/2037
Laguna Madre WD	5,815,000.00	5,535,000.00	03/01/2017	03/01/2036
Lake Worth	290,000.00	192,000.00	02/01/2011	02/01/2030
Laredo	48,750,000.00	41,685,000.00	03/01/2013	03/01/2042
Laredo	22,075,000.00	20,695,000.00	03/01/2016	03/01/2045
Liberty	8,100,000.00	4,890,000.00	03/01/2009	03/01/2028
Liberty	900,000.00	810,000.00	03/01/2017	03/01/2026
Liberty Hill	1,345,000.00	860,000.00	09/01/2008	09/01/2027
Liberty Hill	6,785,000.00	4,335,000.00	09/01/2008	09/01/2027
Littlefield	1,910,000.00	1,115,000.00	02/15/2008	02/15/2027
Lorraine	665,000.00	260,000.00	09/01/2004	09/01/2023
Lorena	2,260,000.00	1,450,000.00	07/01/2009	07/01/2028
Lorenzo	705,000.00	100,000.00	08/15/2000	08/15/2019
Los Fresnos	4,975,000.00	4,405,000.00	02/01/2010	02/01/2039
Los Fresnos	820,000.00	745,000.00	02/01/2016	02/01/2025
Lower Valley WD	20,600,000.00	12,870,000.00	09/15/2008	09/15/2027
Lubbock	35,000,000.00	35,000,000.00	02/15/2018	02/15/2037
Macedonia Eylau MUD	225,000.00	15,000.00	07/01/1999	07/01/2018
Marfa	1,265,000.00	750,000.00	03/15/2009	03/15/2026
Marlin	2,255,000.00	1,610,000.00	07/01/2007	07/01/2026
Marlin	3,000,000.00	2,970,000.00	07/01/2014	07/01/2042
Mart	810,000.00	180,000.00	09/01/1999	09/01/2018
McAllen	1,190,000.00	635,000.00	02/01/2013	02/01/2022
McAllen	6,655,000.00	5,995,000.00	02/01/2014	02/01/2043
McAllen	2,995,000.00	1,840,000.00	02/01/2014	02/01/2023
McAllen	40,000,000.00	38,580,000.00	02/01/2016	02/01/2045
McAllen	7,110,000.00	7,110,000.00	02/01/2018	02/01/2047
McAllen	39,485,000.00	31,130,000.00	02/01/2011	02/01/2040
Memorial Point UD	2,045,000.00	2,045,000.00	04/01/2018	04/01/2036
Mercedes	1,265,000.00	565,000.00	02/15/2008	02/15/2027
Mercedes	7,530,000.00	5,055,000.00	02/15/2010	02/15/2029
Mercedes	3,255,000.00	2,775,000.00	02/15/2015	02/15/2033
Mission	16,140,000.00	15,650,000.00	02/15/2017	02/15/2044
Montgomery	1,090,000.00	1,090,000.00	03/01/2018	03/01/2037
Montgomery Co MUD # 15	815,000.00	-	03/01/1998	03/01/2017
Montgomery Co MUD # 15	675,000.00	-	03/01/1999	03/01/2017
Mount Calm	100,000.00	15,000.00	09/01/2000	09/01/2019
Mount Vernon	525,000.00	460,000.00	09/01/2014	09/01/2043
Nacogdoches	10,365,000.00	4,375,000.00	03/01/2006	03/01/2025
Newton	1,855,000.00	245,000.00	03/15/2000	03/15/2019
North Fort Bend WA	9,420,000.00	9,420,000.00	12/15/2018	12/15/2040
NW Harris Co MUD # 22	3,080,000.00	2,730,000.00	04/01/2016	04/01/2030
Oak Ridge North	4,600,000.00	4,055,000.00	04/01/2012	04/01/2034
Olney	285,000.00	230,000.00	09/01/2015	09/01/2024
Olney	2,440,000.00	2,440,000.00	09/01/2017	09/01/2046
Orange Co WCID # 1	2,500,000.00	1,705,000.00	02/15/2010	02/15/2029
Orange Co WCID # 1	11,115,000.00	10,065,000.00	02/15/2012	02/15/2031

UNAUDITED

Texas Water Development Board

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For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Orange Co WCID # 1	13,610,000.00	10,840,000.00	08/15/2012	08/15/2031
Orange Co WCID # 2	500,000.00	300,000.00	03/01/2014	03/01/2023
Paducah	945,000.00	785,000.00	02/15/2010	02/15/2038
Palestine	3,745,000.00	1,710,000.00	07/15/2005	07/15/2022
Palestine	860,000.00	410,000.00	07/15/2007	07/15/2025
Palestine	4,665,000.00	2,580,000.00	07/15/2008	07/15/2027
Palestine	600,000.00	400,000.00	07/15/2010	07/15/2029
Panhandle	1,875,000.00	-	02/15/2003	02/15/2022
Pearland	11,100,000.00	11,100,000.00	09/01/2017	09/01/2025
Pearland	50,100,000.00	50,100,000.00	09/01/2017	09/01/2045
Pecos City	6,870,000.00	4,675,000.00	03/15/2010	03/15/2034
Pharr	29,000,000.00	21,435,000.00	09/01/2008	09/01/2027
Pine Village PUD	845,000.00	570,000.00	03/01/2001	03/01/2020
Point	1,370,000.00	540,000.00	07/01/2006	07/01/2025
Port Arthur	6,995,000.00	5,625,000.00	02/15/2016	02/15/2025
Ralls	130,000.00	105,000.00	02/01/2015	02/01/2024
Ranger	300,000.00	180,000.00	02/15/2014	02/15/2023
Raymondville	1,365,000.00	1,085,000.00	04/01/2011	04/01/2040
Redwater	470,000.00	255,000.00	06/01/2007	06/01/2026
Rio Grande City	2,885,000.00	1,885,000.00	02/15/2011	02/15/2030
Rio Grande City	1,930,000.00	1,640,000.00	02/15/2014	02/15/2033
River Oaks	7,000,000.00	7,000,000.00	06/15/2018	06/15/2047
Riviera WCID	280,000.00	-	11/01/1997	11/01/2016
Robstown	2,635,000.00	2,430,000.00	12/01/2012	12/01/2041
Robstown	490,000.00	450,000.00	12/01/2015	12/01/2035
Rockdale	6,300,000.00	-	08/15/2006	08/15/2025
Rogers	2,160,000.00	2,160,000.00	08/15/2019	08/15/2047
Rogers	240,000.00	240,000.00	08/15/2019	08/15/2032
Roma	3,035,000.00	640,000.00	05/01/2001	05/01/2020
Roma	1,150,000.00	495,000.00	05/01/2005	05/01/2024
Roscoe	1,560,000.00	760,000.00	02/15/2008	02/15/2027
Roscoe	1,040,000.00	1,000,000.00	02/15/2016	02/15/2045
Rosenberg	410,000.00	248,000.00	08/01/2010	08/01/2029
Roxton	1,000,000.00	600,000.00	07/01/2008	07/01/2027
Sabinal	600,000.00	240,000.00	08/15/2012	08/15/2031
San Antonio River Authority	4,300,000.00	3,040,000.00	01/01/2015	01/01/2024
San Antonio Water System	35,375,000.00	-	05/15/2008	05/15/2027
San Antonio Water System	23,260,000.00	18,640,000.00	05/15/2009	05/15/2038
San Antonio Water System	8,070,000.00	4,435,000.00	05/15/2008	05/15/2027
San Antonio Water System	30,000,000.00	23,450,000.00	05/15/2009	05/15/2038
San Antonio Water System	17,930,000.00	14,560,000.00	05/15/2011	05/15/2040
San Antonio Water System	54,300,000.00	43,950,000.00	05/15/2010	05/15/2039
San Antonio Water System	18,095,000.00	15,480,000.00	05/15/2012	05/15/2041
San Antonio Water System	19,630,000.00	16,725,000.00	05/15/2013	05/15/2042
San Antonio Water System	60,100,000.00	53,940,000.00	05/15/2014	05/15/2043
San Antonio Water System	38,260,000.00	35,050,000.00	05/15/2015	05/15/2044
San Antonio Water System	14,360,000.00	14,175,000.00	05/15/2017	05/15/2046
San Augustine	1,050,000.00	1,020,000.00	02/15/2012	02/15/2040
San Juan	2,180,000.00	-	03/01/2007	03/01/2026
San Juan	445,000.00	225,000.00	01/01/2013	01/01/2022
San Marcos	410,000.00	330,000.00	08/15/2015	08/15/2025
San Marcos	4,760,000.00	4,760,000.00	08/15/2018	08/15/2037
San Marcos	1,000,000.00	1,000,000.00	08/15/2018	08/15/2037
San Patricio MWD	3,050,000.00	-	02/01/2000	02/01/2018
Seminole	2,960,000.00	2,180,000.00	02/15/2011	02/15/2034

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Texas Water Development Board

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For the Fiscal Year Ended August 31, 2017

Recipient	Original Amount	Outstanding Balance	Due From	Due To
Sequoia ID	1,380,000.00	1,315,000.00	04/01/2017	04/01/2035
Sonora	6,000,000.00	4,220,000.00	12/01/2010	12/01/2029
Springtown	3,930,000.00	3,555,000.00	08/15/2014	08/15/2032
Stamford	265,000.00	85,000.00	02/15/2006	02/15/2025
Sulphur Springs	18,200,000.00	18,200,000.00	09/01/2017	09/01/2046
Taft	5,780,000.00	4,815,000.00	03/01/2013	03/01/2042
Taylor Landing	710,000.00	485,000.00	09/01/2009	09/01/2028
Tioga	300,000.00	25,000.00	04/01/1999	04/01/2018
Travis Co WCID - Point Venture	1,460,000.00	-	08/15/1999	08/15/2018
Trinidad	400,000.00	255,000.00	01/01/2009	01/01/2027
Trinity River Authority	120,000,000.00	-	08/01/2010	08/01/2027
Trinity River Authority	90,000,000.00	89,960,000.00	08/01/2010	08/01/2028
Trinity River Authority	86,780,000.00	86,745,000.00	08/01/2011	08/01/2030
Trinity River Authority	47,595,000.00	-	02/01/2009	02/01/2027
Trinity River Authority	46,190,000.00	-	08/01/2010	08/01/2027
Trinity River Authority	24,800,000.00	20,565,000.00	02/01/2010	02/01/2028
Trinity River Authority	7,760,000.00	6,990,000.00	02/01/2012	02/01/2036
Trinity River Authority	1,775,000.00	1,415,000.00	08/01/2013	08/01/2032
Trinity River Authority	19,465,000.00	18,465,000.00	02/01/2013	02/01/2038
Trinity River Authority	3,070,000.00	2,730,000.00	08/01/2014	08/01/2038
Trinity River Authority	8,280,000.00	7,235,000.00	02/01/2012	02/01/2031
Trinity River Authority	107,180,000.00	104,285,000.00	08/01/2012	08/01/2034
Trinity River Authority	23,410,000.00	21,030,000.00	08/01/2012	08/01/2036
Trinity River Authority	127,005,000.00	123,005,000.00	08/01/2014	08/01/2043
Trinity River Authority	7,050,000.00	6,840,000.00	08/01/2013	08/01/2031
Trinity River Authority	71,000,000.00	69,785,000.00	08/01/2014	08/01/2033
Trinity River Authority	23,765,000.00	21,985,000.00	02/01/2015	02/01/2032
Trinity River Authority	11,710,000.00	10,575,000.00	02/01/2015	02/01/2033
Trinity River Authority	26,540,000.00	24,275,000.00	08/01/2015	08/01/2034
Trinity River Authority	1,150,000.00	1,060,000.00	08/01/2012	08/01/2031
Trinity River Authority	7,945,000.00	7,075,000.00	08/01/2014	08/01/2038
Trinity River Authority	30,345,000.00	26,060,000.00	08/01/2014	08/01/2032
Trinity River Authority	14,000,000.00	12,755,000.00	02/01/2014	02/01/2038
Trinity River Authority	28,900,000.00	24,820,000.00	08/01/2014	08/01/2032
Trinity River Authority	45,370,000.00	38,965,000.00	08/01/2014	08/01/2032
Trinity River Authority	14,035,000.00	13,515,000.00	02/01/2016	02/01/2040
Victoria Co WCID # 1	1,280,000.00	-	03/01/1999	03/01/2018
Vinton	825,000.00	802,000.00	08/15/2017	08/15/2046
Weatherford	11,220,000.00	11,220,000.00	09/01/2017	09/01/2036
Wells Branch MUD	1,400,000.00	195,000.00	08/01/2000	08/01/2019
West Tawakoni	115,000.00	73,000.00	02/01/2014	02/01/2023
Westwood Shores MUD	1,825,000.00	1,515,000.00	05/01/2014	05/01/2030
Whitesboro	2,725,000.00	915,000.00	08/15/2003	08/15/2022
Wichita Falls	33,545,000.00	31,695,000.00	03/01/2016	03/01/2045
Willis	1,355,000.00	1,325,000.00	08/01/2012	08/01/2031
Wilson	1,705,000.00	1,340,000.00	02/15/2011	02/15/2039
Wimberley	650,000.00	285,000.00	08/01/2014	08/01/2020
Winnsboro	1,050,000.00	505,000.00	02/15/2007	02/15/2026
Winnsboro	1,040,000.00	940,000.00	08/15/2016	08/15/2035
Winters	655,000.00	410,000.00	10/01/2009	10/01/2028
Yoakum	5,000,000.00	3,760,000.00	08/15/2009	08/15/2028
Yoakum	2,500,000.00	1,580,000.00	08/15/2010	08/15/2031
Zapata County	6,415,000.00	4,805,000.00	02/15/2013	02/15/2032
Total - Clean Water State Revolving Fund	\$ 3,252,051,530.00	\$ 2,595,825,130.00		