

STATE OF TEXAS

# Annual Report

## Clean Water State Revolving Fund

[www.twdb.texas.gov/financial/programs/cwsrf](http://www.twdb.texas.gov/financial/programs/cwsrf)



# SFY 2015

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

Top Left: Pearsall Road recycled water pump station, San Antonio

Top Right: Static cascade aerator, Sherman

Bottom Left: Completed clarifier with UV structure and canopy in background, Dalhart

Bottom Right: New aluminum dome covers on three biological clarifiers, Sherman

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# 1. Executive Summary

The purpose of the Texas Clean Water State Revolving Fund (CWSRF) is to provide affordable financing to assist applicants in meeting the wastewater needs of their communities. Funding for eligible applicants comes from a combination of state funds and the federal capitalization grant from the Environmental Protection Agency (EPA).

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) 2015 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 2015, which was from September 1, 2014 through August 31, 2015.

The SFY 2015 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 2, 2014, 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 2015. 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 Invited Project Lists. Applications from the initial round of invitations were based upon project ranking if the application was submitted prior to 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 2015 was evidenced in the receipt of 215 project information forms from eligible applicants for projects totaling over \$1.5 billion.

The Federal Fiscal Year (FFY) 2014 Appropriations authorized a \$64,084,000 federal capitalization grant to be used for the SFY 2015 IUP. The TWDB's Executive Administrator set the SFY 2015 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 included the required state match of 20% of the grant, principal repayments, interest and investment earnings, and, as necessary, revenue bonds issued in order to fund project demand in excess of available cash on hand. For SFY 2015, no bond issuance was necessary for the CWSRF program.

The TWDB made 33 commitments totaling over \$261 million. This represents an increase of \$84.5 million over last year's total funding committed. 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. During SFY 2015, the TWDB began implementation of the Water Resources Reform & Development Act of 2014 (WRRDA). Parts of the Act implemented include the American Iron and Steel provisions and the enhanced definitions of treatment works projects, their eligibility, and required level of environmental review, to name a few. Specific details of WRRDA changes implemented in SFY 2015 may be found in the Amended SFY 2015 IUP.

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 mission of the Clean Water Act is to restore and maintain the chemical, physical, and biological integrity of the state's waters. The CWSRF program is available to provide financial support to achieve this mission. 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 CWSRF**

**Goal 1**– *Encourage the use of green infrastructure and technologies by offering loan forgiveness for green infrastructure, energy efficiency, water efficiency, or environmentally innovative portions of projects.*

During SFY 2015, the TWDB was required to expend at least 10% of the capitalization grant, or \$6,408,400, via a Green Project Reserve to approved green project costs. In order to achieve this goal, the TWDB offered additional subsidy assistance to projects that contained green components equal to or greater than 30% of their total project costs. For more information on projects indentified for Green Project Reserve goals and Green Subsidy amounts, please see Appendix A, Table 8.

**Goal 2** – *Offer terms of up to 30 years for planning, acquisition, design, and/or construction according to Board determined guidelines and in accordance with the Clean Water Act (CWA).*

Of the 33 SFY 2015 CWSRF funding commitments, five projects took advantage of the 30-year terms. In addition, the TWDB currently has an additional four applications for CWSRF funding requesting 30-year terms.

**Goal 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 2015, five were mitigating issues identified in enforcement orders.

**Goal 4** – *The TWDB may cross-collateralize the CWSRF program and the DWSRF program upon approval.*

The TWDB made progress toward this goal by securing State Legislative approval during the 84<sup>th</sup> Legislative Session to cross-collateralize the two state revolving funds.

**Goal 5** – *Enhance our current level of outreach on the SRF programs by hosting regional SRF workshops in SFY 2015 and utilizing the regional project teams. In addition, the TWDB will continue its use of social media such as Facebook and Twitter.*

The TWDB hosted 14 Financial Assistance workshops and one webinar during SFY 2015. Additionally, staff from the regional project teams participated in various outreach opportunities throughout the state at conferences, regional planning meetings, and innumerable 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, introduction of 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 in Appendix A.

Additionally, the TWDB has created an outreach team to initiate additional customer contact and assistance. This team is dispersed in the major population centers of the state. The use of social media continues to grow at the TWDB with increasing numbers of followers on Facebook, Twitter, and LinkedIn. TWDB Board members and staff continually share information on various social media sites.

## **Long-Term Goals of the CWSRF**

### ***Goal 1 – Maintain the fiscal integrity of the CWSRF in perpetuity.***

The fiscal integrity of the fund was monitored quarterly through 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 for the fiscal integrity of the fund.

### ***Goal 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 loan assistance program that is responsive to changes in the state's priorities and needs.***

During SFY 2015, the TWDB provided 33 commitments totaling over \$261 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 Clean Water Act. 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.

**Goal 3** – *Assist borrowers in complying with the requirements of the Clean Water Act by meeting the demands for funding publicly owned treatment works, the control of nonpoint source pollution, and the management of estuaries through loans with interest rates below current market levels and with additional subsidization in the form of loan forgiveness.*

The TWDB provided funding commitments during SFY 2015 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 Clean Water Act. Although the TWDB allocated funds, including additional subsidy, for nonpoint source pollution projects, no applications were received. Similarly, 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 the maximum allowable amount of additional subsidy in the SFY 2015 Intended Use Plan. During SFY 2015, seven projects received commitments totaling over \$46 million that included additional subsidy to further the objectives of the Clean Water Act.

### 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:

- 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 2015, the TWDB prioritized the use of additional subsidization for those entities that met EPA’s criteria. Disadvantaged communities were allocated the majority of the available subsidy for system upgrades and replacements. The TWDB made available \$4,269,692 of additional subsidy for qualifying disadvantaged communities. The other components of this strategy 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 \$961,260 of the amount required in additional subsidy for green projects in the form of principal forgiveness. Applicants with proposed project components that qualified as green were eligible for an additional subsidy in the form of principal forgiveness, described in further detail in Section 4, Green Project Reserve.

Details of the subsidies provided are shown in Appendix A, Table 8.

## 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 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 1.5% of the capitalization grant, or \$961,260, 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 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 2015 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 \$35,943,587 in green projects during SFY 2015.

Details of the Green Project Reserve are shown in Appendix A, Table 8.

## 5. 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 demonstrates that the required state match has been deposited and utilized prior to drawing 100% federal funds.

## 6. Timely and Expedient Use of Funds

The beginning capitalization grant balance from previous grants as of September 1, 2014, was \$6,889,454. This amount represented administration and banked administration allotments only. There were no carry-over

construction amounts. The FFY 2013 grant's administration amounts were transferred over to provide construction funding for projects. For the FFY 2014 capitalization grant of \$64,084,000, the available construction funds of \$59,986,144 were drawn in full by February 2015.

As of August 31, 2015, the outstanding capitalization grant balance was \$3,478,650 in administration and banked administration funds.

Details of fund balances are shown in Appendix A, Table 4.

## **7. Other Program Accomplishments**

### **Disadvantaged Eligibility Reviews**

In previous years, the process for reviewing projects for disadvantaged eligibility was based upon an individual project review. If an entity submitted multiple project information forms requesting disadvantaged funding consideration, they were reviewed, and if eligible, were assigned a level of principal forgiveness independently. Beginning in SFY 2015, entities that submitted an application covering multiple projects during the SFY, or submitted multiple applications for multiple projects during the SFY, were re-evaluated for disadvantaged eligibility taking into account all of the submitted projects. Through this evaluation, entities were able to potentially increase their level of principal forgiveness due to the potential increase in debt service to undertake the multiple projects.

### **Water Resources Reform & Development Act of 2014 Implementation**

On June 10, 2014, the President signed the Water Resources Reform & Development Act (WRRDA) which brought about significant changes to the CWSRF program. The changes for WRRDA were detailed in Appendix M of the Amended SFY 2015 IUP.

### **Nonpoint Source Agency Coordination and Projects Funded**

The TWDB met quarterly with two other 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 2015 IUP, the TWDB applied separate rating criteria for NPS and estuary management projects. The SFY 2015 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 \$108,932,658, 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, 2015, the TWDB did not receive any applications for funding from the NPS list of projects and did not receive any interest for estuary management financial assistance.

## **Application Process**

The TWDB continued streamlining efforts related to 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 (IIPL). 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. This 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 2015 IUP Project Priority List, invitations were extended for them to apply for funding.

By following these processes, the TWDB expedited the time to review and approve a project for a commitment and increased the amount of assistance provided utilizing the program funds.

## **Bypass of Projects on the Project Priority List**

The SFY 2015 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.

## 8. Performance Evaluation Review Follow-Up

The CWSRF requires that States comply with Title VI, Section 606(e) of the Clean Water Act, 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 2014 PER was conducted March 30 – April 2, 2015. The review was based upon the TWDB SFY 2014 annual activity. For the review, there were interactive onsite discussions, file reviews, and completion of the standardized national EPA checklists of program evaluation questions. As of August 31, 2015, the PER has not yet been finalized. In the previous year's PER, the EPA found that the TWDB was in compliance with Title VI, Section 606(e) of the Clean Water Act, 40 CFR 35.3165(c), and the capitalization grant conditions with no outstanding PER items as of August 31, 2015.

# Appendix A: CWSRF SFY 2015 Tables

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**Table 1 – 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
2014	CS-48000213	100,000,000	-	-	-
2015	CS-48000214	64,084,000	12,816,800	12,816,800	-
2016	CS-48000215			12,835,000	-
<b>Totals</b>		<b>\$ 1,884,297,241</b>	<b>\$ 356,859,456</b>	<b>\$ 369,694,456</b>	<b>\$ 1,306,875</b>

IUP Year	Grant Award #	SRF Grant	Required State Match	State Match Provided	In-Kind
ARRA	2W-96692401	179,121,900	-	-	-
<b>Grand Totals</b>		<b>\$ 2,063,419,141</b>	<b>\$ 356,859,456</b>	<b>\$ 369,694,456</b>	<b>\$ 1,306,875</b>

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**Table 2 – Binding Commitments Summary**

IUP	Recipient	Project ID	Commitment #	Type	Commitment Date	Status	Closing Date	Amount	Required Binding Commitments	Total Commitments per Quarter	% of Required			
(1988-2014)	Previous SFY's							\$7,467,931,155	\$2,184,829,572	\$7,467,931,155	341.81%			
2014	Early	73690	L1000324	EQ	09/04/2014	Active	05/20/2015	\$8,365,000	\$2,203,228,764	\$7,576,713,113	343.89%			
2014	Hutto	73692	L1000328	Non-EQ	09/04/2014	Active	12/18/2014	\$21,740,000						
2014	Los Fresnos	73687	L1000293	EQ	09/04/2014	Active	02/18/2015	\$820,000						
2014	Los Fresnos	73687	LF1000294	EQ	09/04/2014	Active	02/18/2015	\$344,980						
2014	Wichita Falls	73695	L1000337	Non-EQ	10/21/2014	Active	01/12/2015	\$33,545,000						
2014	Wichita Falls	73695	LF1000370	Non-EQ	10/21/2014	Active	01/12/2015	\$252,597						
2014	El Campo	73697	L1000342	Non-EQ	11/06/2014	Active	01/21/2015	\$150,000						
2014	Kirbyville	73693	L1000332	EQ	11/06/2014	Active	02/26/2015	\$1,370,000						
2014	Kirbyville	73693	LF1000333	EQ	11/06/2014	Active	02/26/2015	\$1,342,466						
2014	San Marcos	73696	L1000349	EQ	11/06/2014	Active	05/27/2015	\$410,000						
2014	San Marcos	73696	LF1000351	EQ	11/06/2014	Active	05/27/2015	\$401,915						
2014	Fort Worth	73699	L1000345	Non-EQ	11/20/2014	Active	06/18/2015	\$39,000,000						
2014	Winnsboro	73700	L1000343	Non-EQ	11/20/2014	Active	03/24/2015	\$1,040,000						
2015	Eules	73701	L1000374	EQ	12/11/2014	Active	08/05/2015	\$2,380,000				\$2,323,228,764	\$7,663,437,618	329.86%
2015	Eules	73701	LF1000384	EQ	12/11/2014	Active	08/05/2015	\$375,300						
2015	Greater Texoma UA	73689	L1000380	Non-EQ	12/11/2014	Active	03/31/2015	\$3,560,000						
2014	Johnson City	73698	L1000346	Non-EQ	12/11/2014	Active	07/16/2015	\$895,000						
2015	Orangefield WSC	73694	L1000355	Non-EQ	12/11/2014	Commitment	N/A	\$1,565,000						
2015	Angelina & Neches RA	73677	L1000396	EQ	01/08/2015	Commitment	N/A	\$1,820,000						
2015	Angelina & Neches RA	73677	LF1000397	EQ	01/08/2015	Commitment	N/A	\$3,176,250						
2015	Olney	73684	L1000385	EQ	01/08/2015	Active	06/04/2015	\$2,440,000						
2015	Houston	73702	L1000382	EQ	01/29/2015	Commitment	N/A	\$63,435,000						
2015	Harris Co MUD # 50	73706	L1000400	EQ	02/25/2015	Active	06/17/2015	\$2,460,000						
2015	San Marcos	73703	L1000413	EQ	02/25/2015	Commitment	N/A	\$4,275,000						
2015	San Marcos	73703	LF1000412	EQ	02/25/2015	Commitment	N/A	\$342,955						
2015	Agua SUD	10365	L1000423	EQ	03/26/2015	Active	08/11/2015	\$8,150,000	\$2,323,228,764	\$7,725,402,618	332.53%			
2015	Castroville	73707	L1000391	EQ	03/26/2015	Commitment	N/A	\$9,050,000						
2015	Castroville	73646	L1000393	EQ	03/26/2015	Commitment	N/A	\$3,050,000						
2015	Laredo	73705	L1000357	EQ	03/26/2015	Commitment	N/A	\$22,075,000						
2015	Mission	73708	L1000356	EQ	03/26/2015	Commitment	N/A	\$19,640,000						
2015	NW Harris Co MUD # 22	73712	L1000430	Non-EQ	06/16/2015	Active	07/30/2015	\$3,080,000						
2015	Greater Texoma UA	73715	L1000447	Non-EQ	07/23/2015	Active	09/29/2015	\$640,000	\$2,323,228,764	\$7,729,532,618	332.71%			
2015	Hudson	73714	L1000446	Non-EQ	07/23/2015	Commitment	N/A	\$410,000						
<b>SFY Totals</b>		<b>33</b>							<b>\$261,601,463</b>					

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<b>Table 3 - Federal Funds Drawn</b>	
<b>SFY</b>	<b>Amount</b>
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
<b>Total</b>	<b>\$1,879,511,715</b>

<b>ARRA Funds - Completed SFY 2013</b>	
<b>SFY</b>	<b>Amount</b>
2010	\$47,060,500
2011	\$96,433,621
2012	\$29,360,746
2013	\$6,267,034
<b>Total</b>	<b>\$179,121,901</b>

Base Total	\$1,879,511,715
ARRA Total	\$179,121,901
<b>Grand Total</b>	<b>\$2,058,633,616</b>

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<b>Table 4 – Capitalization Grant Draws</b>			
	<b>Beginning Balance</b>	<b>Expended</b>	<b>Balance - 08/31/2015</b>
<b>CS-48000212 FY 2012</b>			
Construction	\$ -	\$ -	\$ -
Administration	\$ -	\$ -	\$ -
Banked Administration	\$ 2,295,322.28	\$ 2,295,322.28	\$ -
<b>Totals</b>	<b>\$ 2,295,322.28</b>	<b>\$ 2,295,322.28</b>	<b>\$ -</b>
<b>CS-48000213 FY 2013</b>			
Construction	\$ 4,594,132.00	\$ 4,594,132.00	\$ -
DWSRF Transfer	\$ -	\$ -	\$ -
Administration	\$ -	\$ -	\$ -
Banked Administration	\$ -	\$ -	\$ -
<b>Totals</b>	<b>\$ 4,594,132.00</b>	<b>\$ 4,594,132.00</b>	<b>\$ -</b>
<b>CS-48000214 FY 2014</b>			
Construction	\$ 59,986,144.00	\$ 59,986,144.00	\$ -
Administration	\$ 2,563,360.00	\$ -	\$ 2,563,360.00
Banked Administration	\$ 1,534,496.00	\$ 619,206.05	\$ 915,289.95
<b>Totals</b>	<b>\$ 64,084,000.00</b>	<b>\$ 60,605,350.05</b>	<b>\$ 3,478,649.95</b>
<b>Grand Totals</b>	<b>\$ 70,973,454.28</b>	<b>\$ 67,494,804.33</b>	<b>\$ 3,478,649.95</b>

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<b>Table 5 – Grant Payments by Quarter</b>					
	<b>SFY 1988 - SFY 2014</b>	<b>SFY 2015</b>			
	<b>Total</b>	<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>3rd Quarter</b>	<b>4th Quarter</b>
<b>GRANT PAYMENTS</b>					
All Previous Grants (including ARRA)	1,999,335,141	-	-	-	-
CS-48000214		61,579,755	1,252,123	1,252,122	-
<b>QUARTERLY TOTAL</b>		<b>\$ 61,579,755</b>	<b>\$ 1,252,123</b>	<b>\$ 1,252,122</b>	<b>\$ -</b>
<b>CUMMULATIVE EPA PAYMENTS</b>	<b>\$ 1,999,335,141</b>	<b>\$ 2,060,914,896</b>	<b>\$ 2,062,167,019</b>	<b>\$ 2,063,419,141</b>	<b>\$ 2,063,419,141</b>
<b>REQUIRED BINDING COMMITMENTS</b>					
	<b>SFY 1988 - SFY 2015</b>	<b>SFY 2016</b>			
		<b>1st Quarter</b>	<b>2nd Quarter</b>	<b>3rd Quarter</b>	<b>4th Quarter</b>
REQUIRED BINDING COMMITMENTS (Within One Year)	\$ 2,399,202,169	\$ 2,473,097,875	\$ 2,474,600,423	\$ 2,476,102,969	\$ 2,476,102,969
LESS Administration	\$ 75,973,405.64	\$ 78,436,596	\$ 78,486,681	\$ 78,536,766	\$ 78,536,766
<b>REQUIRED BINDING COMMITMENTS - Amounts (Excluding Administration) Within One Year</b>	<b>\$ 2,323,228,764</b>	<b>\$ 2,394,661,279</b>	<b>\$ 2,396,113,742</b>	<b>\$ 2,397,566,204</b>	<b>\$ 2,397,566,204</b>

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<b>Table 6 - Administrative Costs</b>						
<b>SFY</b>	<b>Federal Funds</b>				<b>State Funds</b>	<b>Total Administration Expended</b>
	<b>4% Administration</b>	<b>Banked Administration</b>	<b>Other</b>	<b>Total Federal Funds</b>		
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	\$ -	\$ 5,726,400	\$ -	\$ 5,726,400
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
<b>Totals</b>	<b>\$ 21,835,430</b>	<b>\$ 17,684,040</b>	<b>\$ 19,485,691</b>	<b>\$ 59,005,161</b>	<b>\$ 52,986,618</b>	<b>\$ 111,991,779</b>
<b>ARRA Funds</b>						
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
<b>Totals</b>	<b>\$ 7,164,876</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,164,876</b>	<b>\$ -</b>	<b>\$ 7,164,876</b>
Base	\$ 21,835,430	\$ 17,684,040	\$ 19,485,691	\$ 59,005,161	\$ 52,986,618	\$ 111,991,779
ARRA	\$ 7,164,876	\$ -	\$ -	\$ 7,164,876	\$ -	\$ 7,164,876
<b>Grand Totals</b>	<b>\$ 29,000,306</b>	<b>\$ 17,684,040</b>	<b>\$ 19,485,691</b>	<b>\$ 66,170,037</b>	<b>\$ 52,986,618</b>	<b>\$ 119,156,655</b>

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**Table 7 – Banked Administrative Funds**

<b>Award Number</b>	<b>Federal Amount Awarded</b>	<b>Calculated 4%</b>	<b>4% Expended</b>	<b>Retained for TxWISE</b>	<b>Banked Admin Awarded / Expended</b>	<b>Total Admin Awarded / Expended</b>	<b>Banked or (Used)</b>	<b>Cumulative Banked Balance</b>
N-480001-87	26,457,500.00	1,058,300.00					1,058,300.00	1,058,300.00
N-480001-88	78,732,750.00	3,149,310.00					3,149,310.00	4,207,610.00
CS-480001-89	82,691,538.00	3,307,661.52					3,307,661.52	7,515,271.52
CS480001-90	74,310,604.00	2,972,424.16	2,212,581.00			2,212,581.00	759,843.16	8,275,114.68
CS480001-91	98,202,005.00	3,928,080.20	1,806,072.00			1,806,072.00	2,122,008.20	10,397,122.88
CS480001-92	92,254,341.00	3,690,173.64	1,500,674.00			1,500,674.00	2,189,499.64	12,586,622.52
CS480001-93	98,743,594.00	3,949,743.76	4,259,370.00			4,259,370.00	(309,626.24)	12,276,996.28
CS480001-94	57,750,000.00	2,310,000.00	4,578,753.00			4,578,753.00	(2,268,753.00)	10,008,243.28
CS480001-95	56,296,944.00	2,251,877.76	5,077,507.00			5,077,507.00	(2,825,629.24)	7,182,614.04
CS480001-96	97,216,124.00	3,888,644.96	4,069,387.00			4,069,387.00	(180,742.04)	7,001,872.00
CS480001-97	28,485,864.00	1,139,434.56					1,139,434.56	8,141,306.56
CS-48000198	61,546,617.00	2,461,864.68					2,461,864.68	10,603,171.24
CS-48000199	61,551,864.00	2,462,074.56					2,462,074.56	13,065,245.80
CS-48000201	124,140,781.00	4,965,631.24					4,965,631.24	18,030,877.04
CS-48000202	60,933,213.00	2,437,328.52					2,437,328.52	20,468,205.56
CS-48000203	60,537,213.00	2,421,488.52					2,421,488.52	22,889,694.08
CS-48000204	61,080,444.00	2,443,217.76	2,443,218.00		202,727.47	2,645,945.47	(202,727.71)	22,686,966.37
CS-48000205	49,252,104.00	1,970,084.16					1,970,084.16	24,657,050.53
CS-48000206	40,024,512.00	1,600,980.48	1,600,980.00			1,600,980.00	0.48	24,657,051.01
CS-48000208	61,564,429.00 1)	2,462,577.16	2,294,578.00	168,000.00	3,163,427.00	5,626,005.00	(3,163,427.84)	21,493,623.17
CS-48000209	31,103,000.00 2)	1,244,120.00	1,241,329.00		4,233,624.00	5,474,953.00	(4,230,833.00)	17,262,790.17
CS-48000210	124,077,800.00 3)	4,963,112.00	4,969,112.00		4,770,606.00	9,739,718.00	(4,776,606.00)	12,486,184.17
CS-48000211	67,092,000.00 4)	2,683,680.00	2,699,680.00		2,176,198.00	4,875,878.00	(2,192,198.00)	10,293,986.17
CS-48000212	64,597,000.00	2,583,880.00	2,583,880.00		2,502,252.00	5,086,132.00	(2,502,252.00)	7,791,734.17
CS-48000213	161,021,000.00 5)	2,440,840.00	-	492,000.00	-	492,000.00	1,948,840.00	9,740,574.17
CS-48000214	64,084,000.00	2,563,360.00	2,563,360.00	-	1,534,496.00	4,097,856.00	(1,534,496.00)	8,206,078.17
<b>Totals</b>	<b>\$ 1,883,747,241.00</b>	<b>\$ 71,349,889.64</b>	<b>\$ 43,900,481.00</b>	<b>\$ 660,000.00</b>	<b>\$ 18,583,330.47</b>	<b>\$ 63,143,811.47</b>	<b>\$ 8,206,078.17</b>	

- 1) Includes TxWISE in-kind amount of 168,000
- 2) Includes TxWISE in-kind amount of 96,875
- 3) Excludes TxWISE in-kind amount of 150,000
- 4) Excludes TxWISE in-kind amount of 400,000
- 5) Includes TxWISE in-kind amount of 492,000

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Table 8				
Green Project Reserve and Additional Subsidization - 2012 IUP / 2011 Grant				
Targets		\$13,498,400	Minimum	\$ 6,254,207
			Maximum	\$ 20,847,357
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Brady	2,651,990	846,597	126,989	1,315,001
Breckenridge	1,193,461	-	-	353,461
Edcouch	3,468,600	-	-	2,413,600
Grand Prairie	582,000	582,000	87,000	-
Hidalgo Co. MUD # 1	2,129,896	-	-	629,896
Kerr County	1,860,000	-	-	1,290,000
McAllen	1,700,000	-	-	510,000
McAllen	7,808,511	7,687,630	1,153,511	-
Mercedes	4,650,000	-	-	1,395,000
Mount Vernon	562,788	251,918	37,788	-
Ranger	600,000	-	-	300,000
West Tawakoni	227,500	-	-	112,500
<b>Total Closed</b>	<b>\$ 27,434,746</b>	<b>\$ 9,368,145</b>	<b>\$ 1,405,288</b>	<b>\$ 8,319,458</b>

Green Project Reserve and Additional Subsidization - 2013 IUP / 2012 Grant				
Targets		\$6,459,700	Minimum	\$ 3,590,067
			Maximum	\$ 5,385,101
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Agua SUD	4,750,000	-	-	2,375,000
Amarillo	8,939,131	8,580,026	444,131	-
Aqua WSC	181,768	-	-	127,238
Buda	401,500	-	-	276,500
Comanche	1,071,500	-	-	316,500
Cushing	727,000	-	-	217,000
Grand Prairie	2,079,431	1,829,538	274,431	-
McAllen	3,245,393	1,669,285	250,393	-
Ralls	252,500	-	-	122,500
Wimberley	650,000	160,606	-	-
Wichita Falls	33,797,597	33,188,287	252,597	-
<b>Total Closed</b>	<b>\$ 56,095,820</b>	<b>\$ 45,427,742</b>	<b>\$ 1,221,552</b>	<b>\$ 3,434,738</b>

Green Project Reserve and Additional Subsidization - 2014 IUP / 2013 Grant				
Targets		\$6,102,100	Minimum	\$ 2,874,350
			Maximum	\$ 4,311,524
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Angelina & Neches River Authority	674,013	-	-	469,013
Arlington	4,023,640	4,023,640	593,640	-
Cisco	677,050	-	-	202,050
Dell City	191,223	-	-	116,223
Huntington	248,844	-	-	123,844
Olney	403,425	-	-	118,425
Robstown	866,143	786,794	119,352	256,791
Kirbyville	2,712,466	-	-	1,342,466
San Marcos	811,915	-	-	401,915
Los Fresnos	1,164,980	-	-	344,980
McAllen	40,202,322	20,223,000	202,322	-
<b>Total Closed</b>	<b>\$ 51,976,021</b>	<b>\$ 25,033,434</b>	<b>\$ 915,314</b>	<b>\$ 3,375,707</b>

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Table 8 (Continued)				
Green Project Reserve and Additional Subsidization - 2015 IUP / 2014 Grant				
Targets		\$6,408,400	Minimum	\$ 3,487,301
			Maximum	\$ 5,230,952
Recipient	Amount	Green	Green Subsidy	Disadvantaged
Eules	2,755,300	2,755,300	375,300	-
<b>Total Closed</b>	<b>\$ 2,755,300</b>	<b>\$ 2,755,300</b>	<b>\$ 375,300</b>	<b>\$ -</b>
Angelina & Neches RA	4,996,250	-	-	3,176,250
<b>Total Unclosed</b>	<b>\$ 4,996,250</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,176,250</b>
Wimberley	5,500,000	1,620,030	343,005	-
Kerr County	601,000	-	-	416,000
Sequoia ID	2,095,000	-	-	677,442
<b>Total Uncommitted</b>	<b>\$ 8,196,000</b>	<b>\$ 1,620,030</b>	<b>\$ 343,005</b>	<b>\$ 1,093,442</b>
<b>Grand Totals</b>	<b>\$ 15,947,550</b>	<b>\$ 4,375,330</b>	<b>\$ 718,305</b>	<b>\$ 4,269,692</b>

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**Table 9 – Sources and Uses of Funds (Cash Basis)**

<b>Cash Available</b>	<b>\$401,127,895</b>
<b>SOURCES:</b>	
FFY 2014 Federal Capitalization Grant	64,084,000
State Match	12,816,800
Previous Federal Grants (Admin. Only)	6,889,454
Principal Repayments from Existing Loans	444,109,800
Interest Repayments from Existing Loans	72,831,437
Investment Earnings on Funds	444,315
Refunding Bond Proceeds Used to Pay Debt	0
<b>TOTAL SOURCES:</b>	<b>\$601,175,806</b>
<b>USES:</b>	
<u>Administration</u>	
Administration	2,914,528
Bank Charges and Debt Management Fees	3,500
Total Administration:	<u>2,918,028</u>
 <u>Projects Funded</u>	
Funds Disbursed	236,054,580
 <u>Debt Service</u>	
Revenue Bonds - Principal Paid:	
Senior Lien	0
Subordinate - Variable Rate	48,683,000
Subordinate - Fixed Rate	55,380,000
Match General Obligation Bonds - Principal Paid	9,774,990
Interest Paid	42,382,792
Total Debt Service:	<u>156,220,782</u>
<b>TOTAL USES:</b>	<b>\$395,193,390</b>
<b>NET SOURCES (USES):</b>	<b>\$205,982,416</b>
 <b>Cash - Ending Balance (8/31/2015)</b>	 <b>\$607,110,311</b>

*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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Cash Flow Coverage Model

**TEXAS WATER DEVELOPMENT BOARD  
 CLEAN WATER STATE REVOLVING FUND  
 PROJECTED ANNUAL CASH FLOW COVERAGE  
 AS OF AUGUST 31, 2015**

Operational Minimum DSC: 1.10  
 Lowest Total DSC: 1.55

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
2016 (1)	\$52,366,325	\$122,039,346	13,673	\$93,448,688	1.87	\$18,997,186	1.55	\$112,445,873	\$61,973,471	\$40,012,221	\$101,985,692	\$4,109,886	-
2017	101,985,692	122,391,076	-	54,061,088	4.15	18,155,968	3.11	72,217,055	152,159,712	41,005,153	193,164,865	4,109,886	-
2018	193,164,865	122,759,512	570,550	74,899,938	4.23	18,018,384	3.41	92,918,322	223,576,605	58,962,757	282,539,362	4,109,886	-
2019	282,539,362	123,057,994	20,693,437	49,666,438	8.58	15,313,890	6.56	64,980,328	361,310,465	58,410,469	419,720,933	4,109,886	-
2020	419,720,933	122,589,207	20,693,437	55,890,138	10.07	14,359,732	8.01	70,249,870	492,753,707	59,701,184	552,454,891	4,109,886	-
2021	552,454,891	122,129,075	20,693,437	56,211,138	12.37	14,335,664	9.86	70,546,802	624,730,601	64,851,163	689,581,764	4,109,886	-
2022	689,581,764	121,485,315	20,693,437	61,994,800	13.42	14,145,919	10.92	76,140,719	755,619,796	65,681,295	821,301,091	4,109,886	-
2023	821,301,091	119,691,887	20,693,437	62,638,988	15.35	11,968,792	12.89	74,607,780	887,078,635	65,562,464	952,641,098	4,109,886	-
2024	952,641,098	118,384,420	20,693,437	66,524,088	16.41	11,750,653	13.95	78,274,741	1,013,444,213	70,096,443	1,083,540,657	4,109,886	-
2025	1,083,540,657	116,999,785	20,693,437	70,670,900	17.28	10,051,375	15.13	80,722,275	1,140,511,604	78,332,711	1,218,844,314	4,109,886	-
2026	1,218,844,314	112,919,757	20,693,437	68,238,438	19.82	10,085,500	17.27	78,323,937	1,274,133,571	78,517,602	1,352,651,173	4,109,886	-
2027	1,352,651,173	97,308,668	20,693,437	78,379,650	18.76	9,032,640	16.82	87,412,290	1,383,240,987	81,031,587	1,464,272,574	4,109,886	-
2028	1,464,272,574	89,562,559	20,693,437	60,949,438	25.83	7,282,116	23.08	68,231,553	1,506,297,016	76,137,613	1,582,434,628	4,109,886	-
2029	1,582,434,628	80,703,041	20,693,437	64,343,938	26.17	7,286,527	23.51	71,630,465	1,612,200,641	71,195,049	1,683,395,690	4,109,886	-
2030	1,683,395,690	74,835,335	20,693,437	18,116,250	98.19	6,972,747	70.90	25,088,997	1,753,835,464	73,189,175	1,827,024,639	4,109,886	-
2031	1,827,024,639	68,006,505	20,693,437	7,201,250	266.03	4,747,359	160.33	11,948,609	1,903,775,971	72,403,985	1,976,179,955	4,109,886	-
2032	1,976,179,955	63,770,722	20,693,437	3,151,750	653.81	2,529,809	362.69	5,681,559	2,054,962,556	70,671,596	2,125,634,151	4,109,886	-
2033	2,125,634,151	57,849,842	20,693,437	3,154,750	698.69	1,559,309	467.58	4,714,059	2,199,463,371	21,052,780	2,220,516,151	4,109,886	-
2034	2,220,516,151	56,315,505	20,693,437	3,157,000	727.76	874,957	569.83	4,031,957	2,293,493,135	14,573,943	2,308,067,078	4,109,886	-
2035	2,308,067,078	55,252,727	20,693,437	3,148,250	757.25	-	757.25	3,148,250	2,380,864,992	7,001,412	2,387,866,404	4,109,886	-
2036	2,387,866,404	52,805,332	20,693,437	3,153,750	780.46	-	780.46	3,153,750	2,458,211,422	6,615,359	2,464,826,780	4,109,886	-
2037	2,464,826,780	51,498,683	20,693,437	3,147,500	806.04	-	806.04	3,147,500	2,533,871,400	5,210,198	2,539,081,598	4,109,886	-
2038	2,539,081,598	51,387,118	20,693,437	3,144,750	830.32	-	830.32	3,144,750	2,608,017,402	3,774,561	2,611,791,964	4,109,886	-
2039	2,611,791,964	41,401,791	14,190,611	-	-	-	-	-	2,667,384,365	3,690,236	2,671,074,601	4,109,886	-
2040	2,671,074,601	34,243,988	14,190,611	-	-	-	-	-	2,719,509,200	2,042,672	2,721,551,872	4,109,886	-
2041	2,721,551,872	29,409,546	14,190,611	-	-	-	-	-	2,765,152,029	2,053,701	2,767,205,730	4,109,886	-
2042	2,767,205,730	23,368,672	14,190,611	-	-	-	-	-	2,804,765,013	1,517,381	2,806,282,394	4,109,886	-
2043	2,806,282,394	18,630,046	14,190,611	-	-	-	-	-	2,839,103,051	567,134	2,839,670,184	4,109,886	-
2044	2,839,670,184	11,114,137	14,190,611	-	-	-	-	-	2,864,974,932	547,993	2,865,522,925	4,109,886	-
2045	2,865,522,925	6,357,052	14,190,611	-	-	-	-	-	2,886,070,587	408,059	2,886,478,646	4,109,886	-
2046	2,886,478,646	811,622	14,190,611	-	-	-	-	-	2,901,480,879	-	2,901,480,879	4,109,886	-
2047	2,901,480,879	116,305	14,190,611	-	-	-	-	-	2,915,787,795	-	2,915,787,795	4,109,886	-
2048	2,915,787,795	-	14,190,611	-	-	-	-	-	2,929,978,406	-	2,929,978,406	4,109,886	-
2049	2,929,978,406	-	-	-	-	-	-	-	2,929,978,406	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-	-
		\$2,289,196,568	\$556,359,065	\$965,292,913		\$197,468,527		\$1,162,761,440		\$1,194,817,888			

- (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 \$226,265,906 in principal amount of loans are made per year with charges of 1.85% 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  
 CLEAN WATER STATE REVOLVING FUND  
 PROJECTED SOURCES OF REVENUES  
 AS OF AUGUST 31, 2015**

**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)
2016 (1)	122,039,346		\$13,673	\$122,053,019	\$40,012,221
2017	122,391,076			122,391,076	41,005,153
2018	122,759,512	\$570,550		123,330,062	58,962,757
2019	123,057,994	\$20,693,437		143,751,431	58,410,469
2020	122,589,207	20,693,437		143,282,643	59,701,184
2021	122,129,075	20,693,437		142,822,512	64,851,163
2022	121,485,315	20,693,437		142,178,751	65,681,295
2023	119,691,887	20,693,437		140,385,323	65,562,464
2024	118,384,420	20,693,437		139,077,856	70,096,443
2025	116,999,785	20,693,437		137,693,222	78,332,711
2026	112,919,757	20,693,437		133,613,194	78,517,602
2027	97,308,668	20,693,437		118,002,105	81,031,587
2028	89,562,559	20,693,437		110,255,995	76,137,613
2029	80,703,041	20,693,437		101,396,478	71,195,049
2030	74,835,335	20,693,437		95,528,771	73,189,175
2031	68,006,505	20,693,437		88,699,941	72,403,985
2032	63,770,722	20,693,437		84,464,159	70,671,596
2033	57,849,842	20,693,437		78,543,279	21,052,780
2034	56,315,505	20,693,437		77,008,942	14,573,943
2035	55,252,727	20,693,437		75,946,164	7,001,412
2036	52,805,332	20,693,437		73,498,768	6,615,359
2037	51,498,683	20,693,437		72,192,120	5,210,198
2038	51,387,118	20,693,437		72,080,555	3,774,561
2039	41,401,791	14,190,611		55,592,402	3,690,236
2040	34,243,988	14,190,611		48,434,599	2,042,672
2041	29,409,546	14,190,611		43,600,157	2,053,701
2042	23,368,672	14,190,611		37,559,283	1,517,381
2043	18,630,046	14,190,611		32,820,657	567,134
2044	11,114,137	14,190,611		25,304,748	547,993
2045	6,357,052	14,190,611		20,547,663	408,059
2046	811,622	14,190,611		15,002,233	
2047	116,305	14,190,611		14,306,916	
2048		14,190,611		14,190,611	
2049					
2050					
2051					
	<b>\$2,289,196,568</b>	<b>\$556,345,392</b>	<b>\$13,673</b>	<b>\$2,845,555,632</b>	<b>\$1,194,817,888</b>

- (1) The Texas Water Development Board's fiscal year runs from 9/1 to 8/31.  
 (2) Represents scheduled repayments of \$2,663,859,730 in outstanding principal amount of Political Subdivision Bonds as of August 31, 2015.  
 (3) Represents projected repayments from (a) \$147,479,205 in Board commitments which include \$123,345,000 in Equivalency loans, \$20,615,000 in Non-Equivalency loans, and (b) \$401,402,957 in projected loans to be made with excess available program funds.  
 (4) Assumes investment income on fund balances at 0.004% for 8 months.

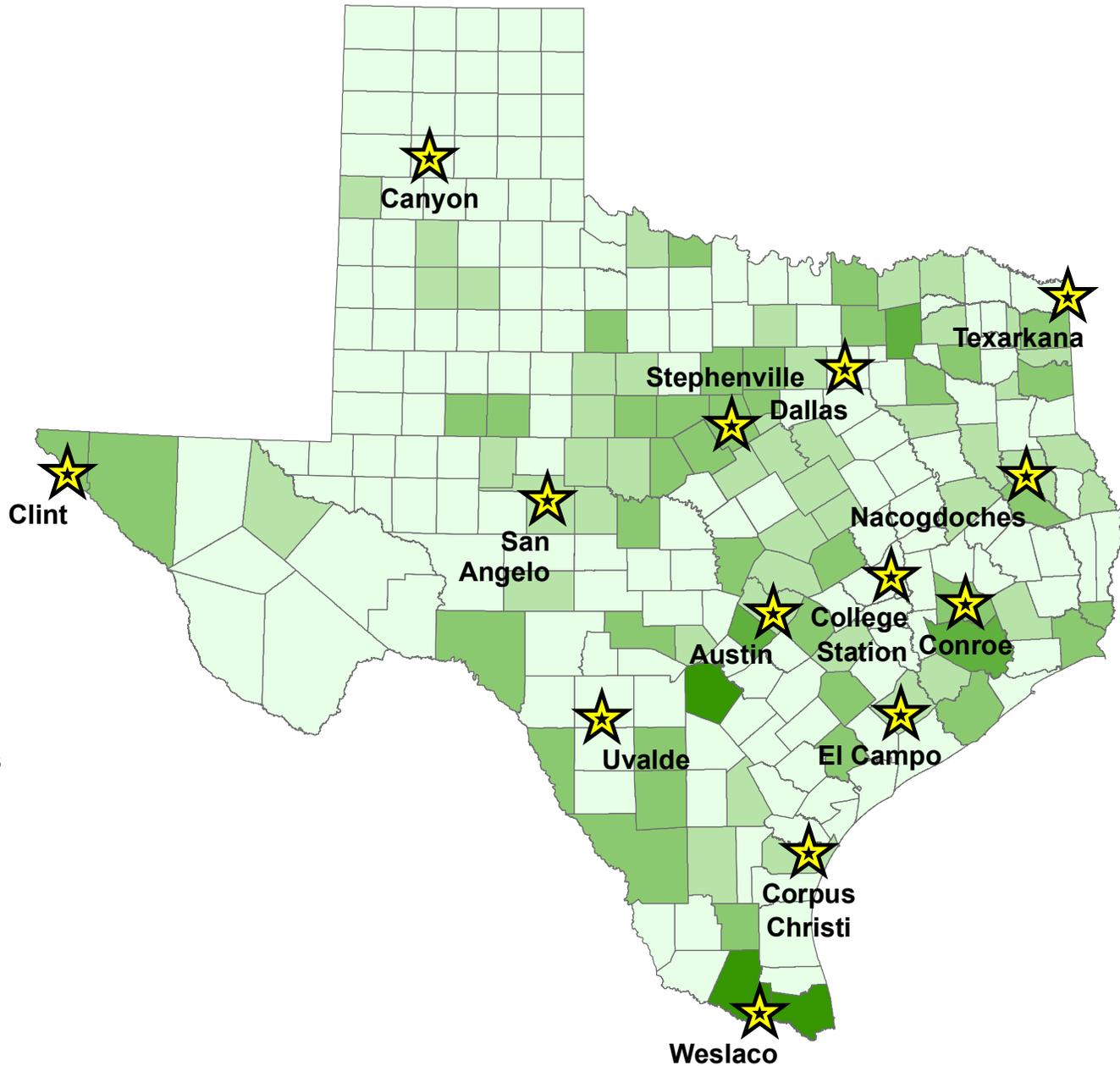
**TEXAS WATER DEVELOPMENT BOARD  
 CLEAN WATER STATE REVOLVING FUND  
 DEBT SERVICE ON OUTSTANDING BONDS  
 AS OF AUGUST 31, 2015**

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	
2016 (1)	\$60,180,000	\$33,268,688	\$93,448,688				\$93,448,688	\$12,407,319	\$6,589,867	\$18,997,186	\$112,445,873
2017	\$23,585,000	\$30,476,088	54,061,088			-	54,061,088	\$12,079,622	\$6,076,346	18,155,968	72,217,055
2018	\$45,570,000	\$29,329,938	74,899,938			-	74,899,938	\$12,468,220	\$5,550,165	18,018,384	92,918,322
2019	\$22,510,000	\$27,156,438	49,666,438			-	49,666,438	\$10,320,281	\$4,993,609	15,313,890	64,980,328
2020	\$29,755,000	\$26,135,138	55,890,138			-	55,890,138	\$9,816,878	\$4,542,854	14,359,732	70,249,870
2021	\$31,560,000	\$24,651,138	56,211,138			-	56,211,138	\$10,226,495	\$4,109,169	14,335,664	70,546,802
2022	\$38,935,000	\$23,059,800	61,994,800			-	61,994,800	\$10,501,049	\$3,644,869	14,145,919	76,140,719
2023	\$41,565,000	\$21,073,988	62,638,988			-	62,638,988	\$8,809,741	\$3,159,051	11,968,792	74,607,780
2024	\$47,570,000	\$18,954,088	66,524,088			-	66,524,088	\$8,991,405	\$2,759,249	11,750,653	78,274,741
2025	\$54,125,000	\$16,545,900	70,670,900			-	70,670,900	\$7,706,772	\$2,344,603	10,051,375	80,722,275
2026	\$54,430,000	\$13,808,438	68,238,438			-	68,238,438	\$8,092,989	\$1,992,510	10,085,500	78,323,937
2027	\$67,325,000	\$11,054,650	78,379,650			-	78,379,650	\$7,417,614	\$1,615,026	9,032,640	87,412,290
2028	\$53,310,000	\$7,639,438	60,949,438			-	60,949,438	\$6,008,168	\$1,273,948	7,282,116	68,231,553
2029	\$59,370,000	\$4,973,938	64,343,938			-	64,343,938	\$6,290,074	\$996,453	7,286,527	71,630,465
2030	\$16,100,000	\$2,016,250	18,116,250			-	18,116,250	\$6,271,885	\$700,861	6,972,747	25,088,997
2031	\$5,990,000	\$1,211,250	7,201,250			-	7,201,250	\$4,344,120	\$403,239	4,747,359	11,948,609
2032	\$2,240,000	\$911,750	3,151,750			-	3,151,750	\$2,331,134	\$198,675	2,529,809	5,681,559
2033	\$2,355,000	\$799,750	3,154,750			-	3,154,750	\$1,463,232	\$96,077	1,559,309	4,714,059
2034	\$2,475,000	\$682,000	3,157,000			-	3,157,000	\$841,588	\$33,369	874,957	4,031,957
2035	\$2,590,000	\$558,250	3,148,250			-	3,148,250			-	3,148,250
2036	\$2,725,000	\$428,750	3,153,750			-	3,153,750			-	3,153,750
2037	\$2,855,000	\$292,500	3,147,500			-	3,147,500			-	3,147,500
2038	\$2,995,000	\$149,750	3,144,750			-	3,144,750			-	3,144,750
2039			-			-	-			-	-
2040			-			-	-			-	-
2041			-			-	-			-	-
2042			-			-	-			-	-
2043			-			-	-			-	-
2044			-			-	-			-	-
2045			-			-	-			-	-
2046			-			-	-			-	-
2047			-			-	-			-	-
2048			-			-	-			-	-
2049			-			-	-			-	-
2050			-			-	-			-	-
2051			-			-	-			-	-
	\$670,115,000	\$295,177,913	\$965,292,913				\$965,292,913	\$146,388,586	\$51,079,941	\$197,468,527	\$1,162,761,440

- (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.

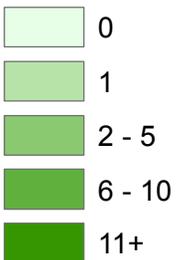
Texas Water Development Board  
SFY 2015 Clean Water State Revolving Fund  
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Map of Workshops Conducted in SFY 2015



 Workshop Locations

Number of CW Projects  
(PIFs Received)





# Appendix B: CWSRF SFY 2015 Projects

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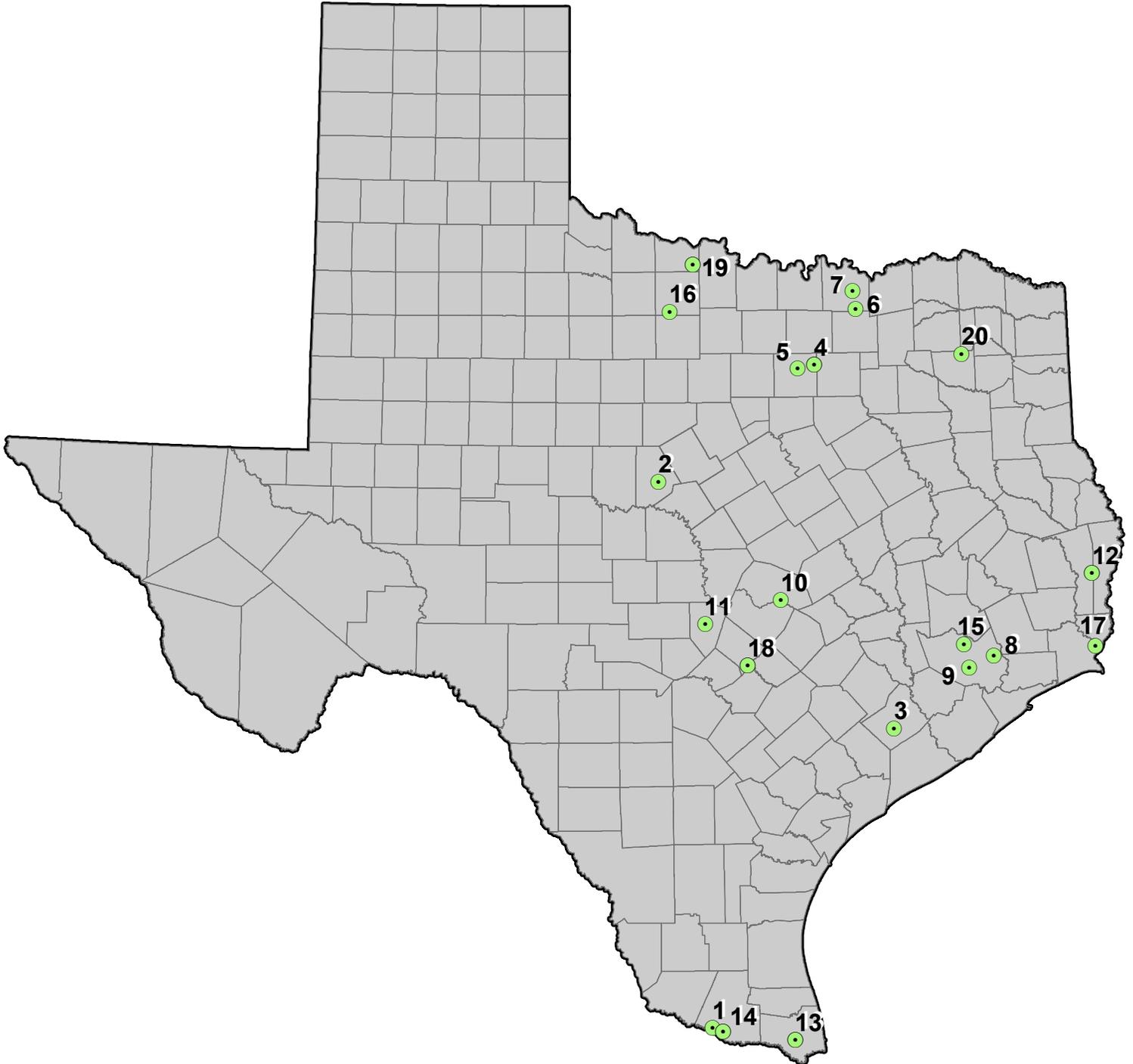
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Commitments Closed									
Map ID	Entity	Commitment #	Amount	Equivalency	First Principal Payment	Last Principal Payment	Interest Rate	IUP Year	Small Community
1	Agua SUD	L1000423	8,150,000	EQ	08/01/2018	08/01/2045	2.12%	2015	
2	Early	L1000324	8,365,000	EQ	02/15/2017	02/15/2046	2.04%	2014	Yes
3	El Campo	L1000342	150,000	Non-EQ	02/01/2016	02/01/2025	0.53%	2014	
4	Eules	L1000374	2,380,000	EQ	07/15/2017	07/15/2035	0.95%	2015	
4	Eules	LF1000384	375,300	EQ	N/A	N/A	N/A	2015	
5	Fort Worth	L1000345	39,000,000	Non-EQ	02/15/2016	02/15/2035	1.20%	2014	
6	Greater Texoma UA	L1000228	1,730,000	Non-EQ	06/01/2015	06/01/2034	2.00%	2014	Yes
7	Greater Texoma UA	L1000380	3,560,000	Non-EQ	10/01/2016	10/01/2035	0.96%	2015	
8	Harris Co MUD # 50	L1000400	2,460,000	EQ	03/01/2016	03/01/2034	1.48%	2015	Yes
9	Houston	L1000223	55,005,000	EQ	11/15/2015	11/15/2044	1.04%	2014	
10	Hutto	L1000328	21,740,000	Non-EQ	08/01/2017	08/01/2039	1.37%	2014	
11	Johnson City	L1000346	895,000	Non-EQ	08/01/2016	08/01/2035	1.71%	2014	Yes
12	Kirbyville	L1000332	1,370,000	EQ	11/15/2016	11/15/2035	1.27%	2014	Yes
12	Kirbyville	LF1000333	1,342,466	EQ	N/A	N/A	N/A	2014	Yes
13	Los Fresnos	L1000293	820,000	EQ	02/01/2016	02/01/2025	0.77%	2014	
13	Los Fresnos	LF1000294	344,980	EQ	N/A	N/A	N/A	2014	
14	McAllen	L1000237	40,000,000	EQ	02/01/2016	02/01/2045	1.13%	2014	
14	McAllen	LF1000282	202,322	EQ	N/A	N/A	N/A	2014	
15	NW Harris Co MUD # 22	L1000430	3,080,000	Non-EQ	04/01/2016	04/01/2030	1.60%	2015	Yes
16	Olney	L1000385	2,440,000	EQ	09/01/2017	09/01/2046	1.82%	2015	Yes
17	Port Arthur	L1000298	6,995,000	Non-EQ	02/15/2016	02/15/2025	0.67%	2014	
18	San Marcos	L1000349	410,000	EQ	08/15/2015	08/15/2025	0.18%	2014	
18	San Marcos	LF1000351	401,915	EQ	N/A	N/A	N/A	2014	
19	Wichita Falls	L1000337	33,545,000	Non-EQ	03/01/2016	03/01/2045	1.50%	2014	
19	Wichita Falls	LF1000370	252,597	Non-EQ	N/A	N/A	N/A	2014	
20	Winnsboro	L1000343	1,040,000	Non-EQ	08/15/2016	08/15/2035	1.19%	2014	Yes
<b>Totals</b>		<b>26</b>	<b>\$236,054,580</b>						

**Total Loan Forgiveness: \$2,919,580**

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Map of Project Locations of Closings



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**Descriptions of Closed Projects**

**Agua SUD**

Eastern Wastewater System  
Project # 10365

Commitment Amount	\$8,150,000	Closing Date	08/11/2015
Commitment Code	L1000423	Map Location	1

Need: The City of Palmview and surrounding communities of Abram, Chihuahua, Perezville, and Citrus City (the Eastern area) are within the Agua Special Utility District's (District) service area and do not have a centralized wastewater disposal system. Wastewater disposal in the area is through the use of septic tanks with drain fields and other types of on-site disposal systems that present serious health issues.

Project Description: This is the first phase of a multi-phase wastewater system to provide first-time wastewater service to the entire Eastern area. The planning and design of the collection system for the entire Eastern area were completed with previous funding. Due to funding limitations, the first phase will provide first-time wastewater services to approximately 1,752 homes within the City of Palmview (the project area). The proposed first-phase collection system includes the construction of gravity sewer lines, lift stations, and force main lines. In addition, the project includes planning, acquisition, design, and construction of a conveyance system to transport the flows from the project area and treat them at the City of Mission's (City) existing wastewater treatment plant (WWTP). The conveyance system will include a lift station, a transmission force main line, pump controls, and other necessary equipment. Through an inter-local agreement, the District will contribute \$3.5 million to the City's WWTP expansion project and obtain one million gallons per day (MGD) of treatment capacity at the City's WWTP.

**Early**

New Lagoon WWTP  
Project # 73690

Commitment Amount	\$8,365,000	Closing Date	05/20/2015
Commitment Code	L1000324	Map Location	2

Need: The City of Early's (City) wastewater flows are currently treated at the City of Brownwood wastewater treatment plant. The City is concerned about cost escalation in the future through the regional system.

Project Description: Construct a new lagoon and pond treatment plant with an irrigation system for land disposal of effluent on land to be purchased just south of the City.

**El Campo**

Reuse Planning & Design  
Project # 73697

Commitment Amount	\$150,000	Closing Date	01/21/2015
Commitment Code	L1000342	Map Location	3

Need: The City of El Campo needs to make upgrades to their existing wastewater treatment plant in order to make it ready to produce Type I effluent necessary for reuse. This would have two

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benefits. First, it would eliminate the existing discharge to Tres Palacios Creek which would reduce the nutrient loadings to the creek, and eventually to Matagorda Bay. Secondly, an effluent reuse program would allow the City to provide at least 1.0 MGD of treated effluent to potentially supplement water provided to the area by LCRA.

**Project Description:** The project includes the planning and design necessary to construct a new effluent filter and a new belt filter press at the wastewater treatment plant. The new effluent filter will allow the City to produce water meeting Texas Commission on Environmental Quality (TCEQ) requirements for Type I effluent reuse. The new belt filter press, to be installed in an existing dewatering building, will improve the system reliability, and increase the City's ability to waste sludge, improving the operation of the wastewater treatment plant.

**Eules**

Bear Creek Reclaimed Water System  
Project # 73701

Commitment Amount	\$2,755,300	Closing Date	08/05/2015
Commitment Code	L1000374, LF1000384	Map Location	4

**Need:** The City of Eules in order to address increased demands on the existing water infrastructure, and reduce per capita water, the City intends to continue with the expansion of the existing Village Creek Reclaimed Water system.

**Project Description:** The City proposes to construct Phase 2 of the reclaimed water program. Phase 2 will extend the reclaimed waterline along Bear Creek Parkway from East Midway Drive to East Harwood Road and extend services to additional commercial and residential customers along this alignment. Implementation of the proposed reclaimed water project will eliminate the use of potable water for irrigation at these locations and therefore, reduce the City's demand for potable water.

**Fort Worth**

Village Creek WRF flow; Big Fossil Creek SS Relief  
Project # 73699

Commitment Amount	\$39,000,000	Closing Date	06/18/2015
Commitment Code	L1000345	Map Location	5

**Need:** The City of Fort Worth (City) proposes to make capacity improvements to handle peak wet weather flows from the Big Fossil Creek Drainage basin and the Village Creek Water Reclamation Facility. The Big Fossil Service Area project will provide capacity to carry the projected 30-year wet weather flows from the Big Fossil Service Area. The Village Creek Water Reclamation Facility improvements will allow the City to not expand its treatment capacity until 2030.

**Project Description:** The City will replace two of the three sewer interceptors carrying wastewater from the Big Fossil Creek Drainage Basin, a total of 5,100 feet of sixty-six inch and 2,700 feet of 30-inch wastewater main, with a new metering station on the 30-inch line. The Village Creek water Reclamation Facility will complete a 340 million gallon Peak Flow Storage Basin, improvements to integrate it into the reclamation facility, and expand its High Rate Clarifier Treatment System to 110 million gallons.

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<b>Greater Texoma UA</b> Sherman WWTP Renovation Project # 73689			
Commitment Amount	\$3,560,000	Closing Date	03/31/2015
Commitment Code	L1000380	Map Location	7
<p>Need: As part of the Greater Texoma Utility Authority (Authority), the City of Sherman (City) has prepared a Capital Improvement Plan to address aging and deteriorated infrastructure needs. The Authority has previously received and closed on a planning and design commitment associated with this project and is scheduled to complete design in December of 2014.</p> <p>Project Description: The City is nearing completion of planning and design and proposes to construct the improvements to the City's WWTPH headworks lift station and electrical upgrades.</p>			
<b>Greater Texoma UA</b> Van Alstyne Wastewater Improvements Project # 73686			
Commitment Amount	\$1,730,000	Closing Date	09/23/2014
Commitment Code	L1000228	Map Location	6
<p>Need: The City of Van Alstyne's (City) wastewater treatment plant and collection system are deteriorated and in need of rehabilitation or replacements.</p> <p>Project Description: The Greater Texoma Utility Authority on behalf of the City of Van Alstyne proposes to construct improvements consisting of: (1) rehabilitation of the wastewater treatment plant to include construction of a wastewater detention tank, grit separator, pumping and piping and associated appurtenances and (2) replacement of deteriorated sanitary sewer lines throughout the City.</p>			
<b>Harris Co MUD # 50</b> Sanitary Sewer Repairs Project # 73706			
Commitment Amount	\$2,460,000	Closing Date	06/17/2015
Commitment Code	L1000400	Map Location	8
<p>Need: The District has completed a survey of their sanitary sewer system in order to identify the numerous stormwater/sanitary cross connections and leaks within the collection system that require rehabilitation. Also, the District is currently served by a single wastewater treatment plant on the south side of the District which is approaching design capacity.</p> <p>Project Description: The District is requesting financial assistance for the planning, design, and construction of wastewater system improvements. The project includes collection system rehabilitation to address I/I issues and potential storm/sanitary sewer system cross connections. The funding will also include the planning, design, and construction of a new wastewater treatment plant to serve the north side of the District. This new plant is estimated to relieve the existing plant of about half of the flow it currently receives.</p>			

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<b>Houston</b> Collection System Rehabilitation 2014 Project # 73676			
Commitment Amount	\$55,005,000	Closing Date	01/29/2015
Commitment Code	L1000223	Map Location	9
<p>Need: The City of Houston (City) is under an Agreed Order with the Texas Commission on Environmental Quality (TCEQ) to address sanitary sewer overflows. The agreement calls for the City to renew at least 600,000 linear feet of sanitary sewer collection system per year in order to reduce sanitary sewer overflows.</p> <p>Project Description: The City proposes to rehabilitate approximately 650,000 linear feet of 6 to 48-inch diameter sewer pipe using pipe bursting and cured-in-place pipe rehabilitation methods at various locations throughout the City.</p>			
<b>Hutto</b> Hutto South WWTP Project # 73692			
Commitment Amount	\$21,740,000	Closing Date	12/18/2014
Commitment Code	L1000328	Map Location	10
<p>Need: The City of Hutto (City) projects that the capacity of their existing wastewater treatment facilities to be exceeded in year 2015.</p> <p>Project Description: The City proposes to construct a new 2 million gallon per day (MGD) wastewater treatment plant, design and construct approximately 14,000 feet of 20-inch force main, and upgrade the City's existing Enclave Lift Station.</p>			
<b>Johnson City</b> WWTP Improvements Project # 73698			
Commitment Amount	\$895,000	Closing Date	07/16/2015
Commitment Code	L1000346	Map Location	11
<p>Need: The City of Johnson City is proposing system improvements at its wastewater treatment facility in order to improve and maintain compliance with its wastewater discharge permit requirements. Additionally, in response to ongoing drought in Central Texas, the City is proposing a wastewater reuse project to support the City's conservation efforts and diversify its water supply portfolio.</p> <p>Project Description: The City operates a 0.3 million gallon per day wastewater treatment facility that discharges to Town Creek which in turn flows to the Pedernales River in the Colorado River Basin. The City is requesting planning, design and construction phase funding for various wastewater treatment facility improvements including replacement of dewatering facilities, modifications to existing the headworks and grit chamber, replacement of aeration equipment and improvements to the control and instrumentation system. Additionally, the City is requesting planning and design phase funding for a reuse project that would include modifying an existing holding basin for treated effluent storage and installation of a 6-inch reuse transmission main to convey treated effluent to the proposed reuse area.</p>			

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<b>Kirbyville</b>			
Sanitary Sewer Improvements			
Project # 73693			
Commitment Amount	\$2,712,466	Closing Date	02/26/2015
Commitment Code	L1000332, LF1000333	Map Location	12
<p>Need: The City's sanitary sewer system is deteriorated from years of service and is frequently prone to significant amounts of inflow and infiltration. This additional flow has contributed to high maintenance costs and loss of efficiencies at the wastewater treatment plant and lift stations which has resulted in decreasing the capacity of the system.</p> <p>Project Description: The City is requesting financial assistance for the planning, design, and construction of sanitary sewer improvements consisting of collection line and manhole replacement and the rehabilitation of lift station and wastewater treatment plant components.</p>			
<b>Los Fresnos</b>			
Collection System Rehabilitation & Extension			
Project # 73687			
Commitment Amount	\$1,164,980	Closing Date	02/18/2015
Commitment Code	L1000293, LF1000294	Map Location	13
<p>Need: A portion of the City of Los Fresnos' (City) wastewater collection system contains vitrified clay pipes that are old and deteriorated, lines that are undersized, and lift stations that are corroded and have no back-up generators. These conditions could lead to unauthorized sewer discharges that might threaten the quality of both groundwater and the Rio Grande River. In addition, there is an area where homes currently use septic systems because the City's wastewater collection system does not reach them.</p> <p>Project Description: The City's proposed project will rehabilitate three existing lift stations, add two new lift stations, purchase standby generators and automatic transfer switches for the lift stations, replace deteriorated vitrified clay sewer collection lines, replace undersized collection lines, and extend the collection system to 55 homes in an area on the west side the City.</p>			
<b>McAllen</b>			
South WWTP Upgrade			
Project # 73659			
Commitment Amount	\$40,202,322	Closing Date	04/23/2015
Commitment Code	L1000237, LF1000282	Map Location	14
<p>Need: Components at the City's South Wastewater Treatment Plant are nearing the end of their useful life and several of the treatment components are in poor condition.</p> <p>Project Description: The City is requesting construction phase funding for upgrades at the South Wastewater Treatment Plant including both the liquid and solids treatment processes to improve treatment and increase efficiency. As part of the upgrade to the wastewater treatment plant, the City has elected to include the construction of a new belt filter press. The project will also include enclosure of the dewatering facility and the provision of the odor control system, which were initially taken out of the project.</p>			

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<b>NW Harris Co MUD # 22</b>			
WWTP Projects & Sanitary Sewer Rehab			
Project # 73712			
Commitment Amount	\$3,080,000	Closing Date	07/30/2015
Commitment Code	L1000430	Map Location	15
<p>Need: The Northwest Harris County Municipal Utility District No. 22 (District) currently shares ownership and the operating costs of a regional wastewater treatment plant along with two neighboring districts. Many components at the plant and the collection system that feeds into it are nearing the end of their useful life and are in need of replacement. The deterioration of multiple components have led to a reduction in operational capacity and multiple Texas Commission on Environmental Quality (TCEQ) violations.</p> <p>Project Description: The District is requesting financial assistance for the design and construction of wastewater treatment plant and collection system improvements. Major components at the plant will be repaired or replaced, and approximately 21,000 linear feet of trunk and collection lines will be rehabilitated.</p>			
<b>Olney</b>			
Lake Olney Reuse			
Project # 73684			
Commitment Amount	\$2,440,000	Closing Date	06/04/2015
Commitment Code	L1000385	Map Location	16
<p>Need: The City of Olney has been in stage four water use restrictions since February 2013. The City receives 300,000 gallons per day from a contract with the City of Wichita Falls, but it uses 350,000 to 420,000 gallons per day. Water availability in Lakes Cooper and Olney, which makes up the difference in meeting the City's demand, is at critical stage.</p> <p>Project Description: The City is proposing to construct a pump station and approximately 6-miles of pipeline to divert a portion of the effluent from its wastewater treatment plant to Lake Olney. The treated wastewater effluent will be blended with the water within Lakes Olney and Cooper to augment the City's raw water supply. The City recently amended their TPDES discharge permit #WQ0010050001 to include the outfall into Lake Olney. The City's amended permit allows the discharge of up to 0.79 million gallons per day of treated effluent into Lake Olney.</p>			
<b>Port Arthur</b>			
Main WWTP			
Project # 73688			
Commitment Amount	\$6,995,000	Closing Date	06/24/2015
Commitment Code	L1000298	Map Location	17
<p>Need: The City's existing Main Wastewater Treatment Plant was constructed in the 1960's and modified several times. A large portion of the piping, valves, and equipment are original. Due to its age, the plant is approaching the end of its useful life.</p> <p>Project Description: The City received a commitment for financial assistance to plan and design a new 15 million gallon per day wastewater treatment plant in June 2014. This proposed project intends to replace the City's Main Wastewater Treatment Plant by demolishing the existing</p>			

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treatment plant and lift station, removing or abandoning in place structures, and returning the property to a useful condition.

**San Marcos**

Reuse System Expansion

Project # 73696

Commitment Amount	\$811,915	Closing Date	05/27/2015
Commitment Code	L1000349, LF1000351	Map Location	18

**Need:** The water sources for the City of San Marcos include surface water from the Canyon Lake Reservoir and groundwater from the Edwards Aquifer, while Texas State University relies on the City's water system, a university-owned Edwards Aquifer well, and water rights to Spring Lake and the San Marcos River. The City has actively pursued the development of water conservation and water supply strategies including development of other reliable water sources. In order to meet these goals, the City plans to expand upon their existing reclaimed water program.

**Project Description:** The proposed project includes the planning and design necessary to complete the first two phases of a four phase proposed expansion of the City's existing reclaimed water system. The first two phases include 11,600 LF of 16-inch reclaimed water transmission main, two high service pumps, and a seasonal storage facility. The first two phases will serve Texas State University and the downtown area of the City of San Marcos. Particularly, water reuse will be provided for Texas State University's thermal cooling plants, Texas State University's athletic fields, and the City of San Marcos parks and facilities. Phases III and IV are scheduled for 2020 and 2032, respectively.

**Wichita Falls**

Permanent Reuse Project

Project # 73695

Commitment Amount	\$33,797,597	Closing Date	01/12/2015
Commitment Code	L1000337, LF1000370	Map Location	19

**Need:** A sustainable supplemental raw water supply for the City of Wichita Falls.

**Project Description:** The City is proposing to construct an Indirect Potable Reuse system, consisting of a new pump station and approximately 15 miles of pipeline to transfer treated effluent from the River Road Wastewater Treatment Plant to Lake Arrowhead to provide a sustainable water source to address the on-going drought.

**Winnsboro**

Wastewater Plant Rehabilitation

Project # 73700

Commitment Amount	\$1,040,000	Closing Date	03/24/2015
Commitment Code	L1000343	Map Location	20

**Need:** The City of Winnsboro's (City) wastewater treatment plant (WWTP) equipment dates back to 1980. In order to expand the life of the WWTP, the City is proposing to renovate several components. Together with previous improvements from 2004, the Project will extend the life of the wastewater treatment plant by 20 years.

**Project Description:** The scope of the Project includes renovating specific components of the master lift station, oxidation ditches, clarifiers, yard piping, and disinfection system.

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Equivalency Projects - SFY 2013					
Recipient	Project ID	Commitment #	Amount	Commitment Date	Closing Date
Agua SUD	10365	L1000143	2,375,000	04/18/2013	06/05/2014
Agua SUD	10365	LF1000144	2,375,000	04/18/2013	06/05/2014
Agua WSC	73658	L1000167	54,530	04/18/2013	02/27/2014
Agua WSC	73658	LF1000168	127,238	04/18/2013	02/27/2014
Buda	73657	L1000157	125,000	04/18/2013	08/29/2013
Buda	73657	LF1000158	276,500	04/18/2013	08/29/2013
Comanche	73661	L1000170	755,000	06/20/2013	11/21/2013
Comanche	73661	LF1000171	316,500	06/20/2013	11/21/2013
Cushing	73671	L1000242	510,000	10/17/2013	02/26/2014
Cushing	73671	LF1000243	217,000	10/17/2013	02/26/2014
Grand Prairie	73654	L1000155	1,805,000	02/28/2013	07/18/2013
Grand Prairie	73654	LF1000156	274,431	02/28/2013	07/18/2013
Houston	73652	L1000149	65,000,000	02/28/2013	02/12/2014
Ingram	73656	L1000154	175,000	02/28/2013	06/18/2013
Ralls	73673	L1000233	130,000	10/17/2013	02/24/2014
Ralls	73673	LF1000232	122,500	10/17/2013	02/24/2014
Wimberley	73653	L1000152	650,000	04/18/2013	09/20/2013
<b>Totals</b>	<b>17</b>		<b>\$ 75,288,699</b>		

Amount of Grant (2012 Appropriations): \$ 64,597,000  
Percentage: 117%

Equivalency Projects - SFY 2014					
Recipient	Project ID	Commitment #	Amount	Commitment Date	Closing Date
Angelina & Neches RA	73677	L1000257	205,000	01/23/2014	06/10/2014
Angelina & Neches RA	73677	LF1000258	469,013	01/23/2014	06/05/2014
Arlington	73679	L1000231	3,430,000	11/21/2013	03/25/2014
Arlington	73679	LF1000234	593,640	11/21/2013	03/25/2014
Cisco	73668	L1000274	475,000	12/05/2013	05/21/2014
Cisco	73668	LF1000273	202,050	12/05/2013	05/21/2014
Dell City	73678	L1000226	75,000	01/23/2014	05/08/2014
Dell City	73678	LF1000227	116,223	01/23/2014	05/08/2014
Early	73690	L1000324	8,365,000	09/04/2014	05/20/2015
Houston	73676	L1000223	55,005,000	01/23/2014	01/29/2015
Huntington	73681	L1000229	125,000	12/05/2013	02/27/2014
Huntington	73681	LF1000230	123,844	12/05/2013	02/27/2014
Ingram	73656	L1000262	1,185,000	12/05/2013	04/18/2014
Kirbyville	73693	L1000332	1,370,000	11/06/2014	02/26/2015
Kirbyville	73693	LF1000333	1,342,466	11/06/2014	02/26/2015
Los Fresnos	73687	L1000293	820,000	09/04/2014	02/18/2015
Los Fresnos	73687	LF1000294	344,980	09/04/2014	02/18/2015
McAllen	73659	L1000237	40,000,000	01/23/2014	04/23/2015
McAllen	73659	LF1000282	202,322	01/23/2014	04/23/2015
Olney	73684	L1000275	285,000	02/24/2014	06/03/2014
Olney	73684	LF1000283	118,425	02/24/2014	06/03/2014
Robstown	73680	L1000224	490,000	12/05/2013	06/17/2014
Robstown	73680	LF1000225	376,143	12/05/2013	06/17/2014
San Marcos	73696	L1000349	410,000	11/06/2014	05/27/2015
San Marcos	73696	LF1000351	401,915	11/06/2014	05/27/2015
<b>Totals</b>	<b>25</b>		<b>\$116,531,021</b>		

Amount of Grant (2013 Appropriations): \$161,021,000  
Percentage: 72%

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<b>Equivalency Projects - SFY 2015</b>					
<b>Recipient</b>	<b>Project ID</b>	<b>Commitment #</b>	<b>Amount</b>	<b>Commitment Date</b>	<b>Closing Date</b>
Agua SUD	10365	L1000423	8,150,000	03/26/2015	08/11/2015
Angelina & Neches RA	73677	LF1000397	3,176,250	01/08/2015	N/A
Angelina & Neches RA	73677	L1000396	1,820,000	01/08/2015	N/A
Castroville	73646	L1000393	3,050,000	03/26/2015	N/A
Castroville	73707	L1000391	9,050,000	03/26/2015	N/A
Eules	73701	LF1000384	375,300	12/11/2014	08/05/2015
Eules	73701	L1000374	2,380,000	12/11/2014	08/05/2015
Harris Co MUD #50	73706	L1000400	2,460,000	02/25/2015	06/17/2015
Houston	73702	L1000382	63,435,000	01/29/2015	N/A
Laredo	73705	L1000357	22,075,000	03/26/2015	N/A
Mission	73708	L1000356	16,140,000	03/26/2015	10/28/2015
Olney	73684	L1000385	2,440,000	01/08/2015	06/04/2015
<b>Totals</b>	<b>12</b>		<b>\$134,551,550</b>		

Amount of Grant (2014 Appropriations): \$ 64,084,000  
Percentage: 210%

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<b>CWSRF Project Construction Starts</b>					
<b>Entity</b>	<b>Commitment #</b>	<b>Project #</b>	<b>Closing Date</b>	<b>Construction Start Date</b>	<b>Net Amount</b>
Amarillo	L1000185	73663	01/22/2014	02/23/2015	\$8,495,000
Amarillo	LF1000248	73663	01/22/2014	02/23/2015	\$444,131
Arlington	L1000231	73679	03/15/2014	05/18/2015	\$3,430,000
Arlington	LF1000234	73679	03/15/2014	05/18/2015	\$593,640
Cushing	L1000242	73671	02/26/2014	04/08/2015	\$510,000
Cushing	LF1000243	73671	02/26/2014	04/08/2015	\$217,000
Greater Texoma UA	L1000228	73686	09/23/2014	07/29/2015	\$1,730,000
Houston	L1000223	73676	01/29/2015	04/16/2015	\$55,005,000
Hutto	L1000328	73692	12/18/2014	06/24/2015	\$21,740,000
Ingram	L1000262	73656	04/18/2014	10/22/2014	\$1,185,000
La Feria	G110014	73602	04/19/2012	07/27/2015	\$8,381,340
Marlin	L1000002	73614	11/09/2012	01/05/2015	\$3,000,000
McAllen	L1000022	73640	09/26/2013	03/16/2015	\$6,655,000
McAllen	LF1000023	73640	09/26/2013	03/16/2015	\$1,153,511
McAllen	L1000237	73659	04/23/2015	03/16/2015	\$40,000,000
McAllen	LF1000282	73659	04/23/2015	03/16/2015	\$202,322
Mercedes	L1000024	73642	05/07/2013	12/08/2014	\$3,255,000
Mercedes	LF1000059	73642	05/07/2013	12/08/2014	\$1,395,000
Mount Vernon	L1000063	73649	04/05/2013	11/10/2014	\$525,000
Mount Vernon	LF1000062	73649	04/05/2013	11/10/2014	\$37,788
Robstown	L1000224	73680	06/17/2014	04/20/2015	\$490,000
Robstown	LF1000225	73680	06/17/2014	04/20/2015	\$376,143
San Antonio Water System	L1000304	73672	06/18/2014	09/03/2014	\$38,260,000
<b>Totals</b>	<b>23</b>				<b>\$197,080,875</b>

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<b>CWSRF Project Construction Completions</b>					
<b>Entity</b>	<b>Commitment #</b>	<b>Project #</b>	<b>Closing Date</b>	<b>Completion Date</b>	<b>Net Amount</b>
Amarillo	L1000185	73663	01/22/2014	08/27/2015	\$8,495,000
Amarillo	LF1000248	73663	01/22/2014	08/27/2015	\$444,131
Anthony	L090001	72252	12/11/2009	12/17/2014	\$4,000,000
Azly	L100069	72467	09/23/2010	04/20/2015	\$13,595,000
Cameron	L110084	73620	06/15/2012	09/11/2014	\$860,000
Celina	L070067	72149	01/04/2008	01/30/2015	\$4,480,000
Cleveland	L070084	72110	05/09/2011	07/10/2015	\$2,360,000
Cleveland	L070083	72110	05/01/2009	07/10/2015	\$555,000
Del Rio	L1000004	73639	11/16/2012	07/22/2015	\$5,000,000
El Paso	130800	71611	01/14/2004	02/02/2015	\$10,000,000
Fort Bend Co. FWSD #1	132800	71742	10/02/2006	10/14/2014	\$6,935,000
Laredo	L120019	73626	07/18/2012	08/05/2015	\$48,750,000
Mount Vernon	L1000063	73649	04/05/2013	06/09/2015	\$525,000
Mount Vernon	LF1000062	73649	04/05/2013	06/09/2015	\$37,788
Pecos City	L080065	72246	10/29/2008	06/15/2015	\$6,870,000
San Antonio Water System	L070028	71845	12/30/2008	12/12/2014	\$30,000,000
San Antonio Water System	L090013	71845	12/14/2010	12/12/2014	\$17,930,000
San Antonio Water System	135700	71845	01/23/2007	12/12/2014	\$8,070,000
Springtown	L120020	73630	08/30/2012	09/25/2014	\$3,930,000
Taft	L090063	72361	06/16/2010	09/30/2014	\$5,780,000
Trinity River Authority	L100031	72320	10/26/2011	01/13/2015	\$7,945,000
Yoakum	L070014	72020	09/16/2008	02/20/2015	\$2,500,000
Yoakum	L070004	72020	12/14/2006	02/20/2015	\$5,000,000
<b>Totals</b>	<b>23</b>				<b>\$194,061,919</b>

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**Clean Water Benefits Reporting (CBR) Summaries**

## CW Benefits Summary Loan List for Texas

System Number	Recipient	Tracking Number	Assistance Amount	Initial Agreement
TX 356	Agua Special Utility District	10365 - L1000423	8,150,000	8/11/2015
TX 348	Early	73690 - L1000324	8,365,000	5/20/2015
TX 342	El Campo	73697 - L1000342	150,000	1/21/2015
TX 357	Euless	73701 - L1000374, L	2,755,300	8/5/2015
TX 353	Fort Worth	73699 - L1000345	39,000,000	6/18/2015
TX 338	Greater Texoma UA	73686 - L1000228	1,730,000	9/23/2014
TX 345	Greater Texoma UA	73689 - L1000380	3,560,000	3/31/2015
TX 352	Harris Co MUD # 50	73706 - L1000400	2,460,000	6/17/2015
TX 341	Houston	73676 - L1000223	55,005,000	1/29/2015
TX 339	Hutto	73692 - L1000328	21,740,000	12/18/2014
TX 355	Johnson City	73698 - L1000346	895,000	7/16/2015
TX 343	Kirbyville	73693 - L1000332, L	2,712,466	2/26/2015
TX 344	Los Fresnos	73687 - L1000293, L	1,164,980	2/18/2015
TX 347	McAllen	73659 - L1000237, L	40,202,322	4/23/2015
TX 354	NW Harris Co MUD #22	73712 - L1000430	3,080,000	7/30/2015
TX 351	Olney	73684 - L1000385	2,440,000	6/4/2015
TX 350	Port Arthur	73688 - L1000298	6,995,000	6/24/2015
TX 349	San Marcos	73696 - L1000349, L	811,915	5/27/2015
TX 340	Wichita Falls	73695 - L1000337, L	33,797,597	1/12/2015
TX 346	Winnsboro	73700 - L1000343	1,040,000	3/24/2015
<b>Total for all 20 Loans</b>			<b>236,054,580</b>	

# 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	236.1	20	224.3		20	3.4	228	19
Records with Benefits Data	179.1	11	175.5	94.4	11	3.3	190	11
Impacting Human Health	98.8	6	98.8	60.4	6	3.0	179	6
	55%	55%	56%		55%	30,668	People Served per \$million	55%
With Impaired Waterbody			55.0	41.4	1	2.2	0	1
			31%		9%	39,269	People Served per \$million	9%
With Waterbody Meeting Standards			83.0	29.1	5			
To Improve Water Quality			94.0	58.9	2			
To Maintain Water Quality			2.8	1.0	3			
To Achieve Compliance			55.0	41.4	1			
To Maintain Compliance			41.8	18.5	4			

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

	Number of Projects	Assistance Dollars (Millions)	Measure (Projects per Million \$)
<b>Waterbodies Protected</b>			
Protected and Restored	4	110.8	0.036
Protected but Not Restored	9	196.3	0.046
All Protected	13	307.1	0.042
<b>Waterbodies Restored</b>			
Restored and Protected	3	55.8	0.054
Restored but Not Protected	3	6.5	0.464
All Restored	6	62.3	0.096

All Dates from 9/1/2014 thru 8/31/2015

10/8/2015

## Reported Needs Categories for Texas

Needs Category	Number of Projects	Total Amount	
I Secondary Treatment	8	79,708,414	35.5%
II Advanced Treatment	4	73,630,797	32.8%
III-A Infiltration/Inflow	2	56,040,708	25.0%
III-B Sewer System Rehabilitation	4	9,167,446	4.1%
IV-B New Interceptors	1	4,895,000	2.2%
X Recycled Water Distribution	1	811,915	0.4%
		224,254,280	

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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 34 projects under this program. A few of the SAAP projects have received additional funding from TWDB Financial Assistance Programs. As of August 31, 2015, 25 projects have been completed and the remaining 9 projects are in active construction.

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:

<b>Project Name</b>	<b>Project #</b>	<b>Start Date</b>	<b>Estimated Completion Date</b>
Andrews SAAP Water Treatment Sys	80028	08/15/2014	11/06/2015
Austin CIPP SS Rehab SAAP 2	80029	02/23/2015	02/26/2016
Cotulla SAAP WWTP Rehab	80025	06/10/2011	03/11/2016
Crystal City SAAP	80026	02/20/2012	06/03/2016
Fort Bend Co FWSD 1 CWSRF-GR-SAAP	21524	03/19/2007	04/29/2018
Ft Bend Co FWSD1/Arcola SAAP	21589	08/04/2011	11/01/2015
Hillsboro SS Rehab SAAP	80008	01/04/2010	11/27/2015
Lorena CWSRF/SAAP	71830	05/16/2011	10/29/2016
Lufkin SAAP Storage Tank Rehab	80027	05/06/2013	11/27/2015



# Appendix C: Compliance with FFY 2014 CWSRF Grant Agreement Conditions

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# **Compliance with FFY 2014 Capitalization Grant Conditions**

## **EPA General Terms and Conditions**

### **1. Introduction**

The TWDB complied with all administrative and programmatic conditions in the Federal Fiscal Year (FFY) 2014 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. TWDB staff 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.

### **2. Uniform Administrative Requirements**

TWDB adhered to 40 CRF Part 35, relating to State and Local Assistance.

### **3. Allowable Costs**

The TWDB has adhered to all requirements regarding allowable costs in accordance with the cost-principles applicable. This includes those of OMB Circular A-87 and the Federal Acquisition Regulation (48 CFR Part 31).

### **4. Reimbursement Limitation**

The TWDB understands that EPA's obligations are limited to the amount of funds awarded to date on the grant agreement's budget.

### **5. Payment Methods**

The TWDB requested and received funds via the Automated Standard Application for Payments.

### **6. Payment Drawdown**

CWSRF projects were funded from various sources at the time of loan closing. Federal funds were drawn when projects submitted outlay reports showing evidence of eligible costs incurred.

### **7. Consultant Cap**

In accordance with 2 CFR § 1500.9, the TWDB adheres to the salary limitations

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when utilizing federal funds to directly contract for consultation services of individuals paid at daily or hourly rates.

**8. Establishing and Managing Subawards**

The TWDB has complied with all requirements establishing and managing subawards. The TWDB has administered the program during State Fiscal Year (SFY) 2015 in accordance with the representations made in the grant application and the SFY 2015 Intended Use Plan (IUP).

**9. Management Fees**

TWDB was aware that management fees or similar charges in excess of the direct costs and approved indirect rates were not allowable. The term “management fees or similar charges” refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or other similar costs which are not allowable. Management fees or similar charges were not used to improve or expand the projects funded under this Agreement, except to the extent authorized as a direct cost of carrying out the scope of work.

**10. Central Contractor Registration/System for Award Management and Universal Identifier Requirements**

The TWDB complied with the requirements of System for Award Management (SAM). TWDB requires a Dun and Bradstreet (D&B) Data Universal Numbering System (DUNS) number as the identifier for federal financial assistance recipients.

**11. Reporting Subawards and Executive Compensation**

In compliance with the Federal Funding Accountability and Transparency Act (FFATA), the TWDB reported each action that obligates \$25,000 or more in the FFATA Subaward Reporting System (FSRS) at [www.fsrs.gov](http://www.fsrs.gov). The TWDB reports covered actions in FSRS by the established deadline of the end of the month plus one additional month after an award or sub-award is obligated.

**12. Final Federal Financial Report (FFR)**

The TWDB will submit a final Federal Financial Report to the EPA no later than 90 calendar days after the completion of the project period covered by the FFY 2014 agreement.

**13. Audit Requirements**

In accordance with OMB Circular A-133, the TWDB obtained a single audit. In

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the State of Texas, the State Auditor performed a statewide single audit which includes an audit of the TWDB's management of the State Revolving Funds. The TWDB will submit a copy of form SF-SAC and a Single Audit Report package within nine (9) months after the end of its fiscal year or 30 days after receiving the report from the auditor. The TWDB's complete Annual Financial Report (AFR) and the State's Comprehensive Annual Financial Report (CAFR) are submitted upon completion and receipt.

**14. Equipment Disposition**

All equipment purchases under this grant, as well as the disposition of such equipment, were made in accordance with 2 CFR § 200.313(e).

**15. Suspension and Debarment**

The TWDB fully complied with Subpart C of 2 CFR Part 180, entitled, "Responsibilities of Participants Regarding Transactions Doing Business with Other Persons," as implemented and supplemented by 2 CFR Part 1532.

**16. Sufficient Progress**

TWDB is aware that EPA may terminate the Agreement for failure of the sub-recipient to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. In SFY 2015, the TWDB closed on 20 projects totaling \$263,054,580. Additionally, 15 projects totaling \$197,080,875 began construction while 16 projects totaling \$194,061,919 initiated operations. The TWDB reduced the CWSRF unliquidated obligation balance allocated to construction to zero as of the end of SFY 2015.

**17. Copyrighted Material and Data**

The TWDB understands that EPA has the right to reproduce, publish, use and authorize others to reproduce, publish and use copyrighted works or other data developed under this assistance agreement for Federal purposes in accordance with 2 CFR § 200.315. TWDB acknowledges that EPA may authorize another grantee(s) to use the copyrighted works or other data developed under this grant as a result of:

- the selection of another grantee by EPA to perform a project that will involve the use of the copyrighted works or other data, or;
- termination or expiration of this agreement.

**18. Electronic and Information Technology Accessibility**

The TWDB has complied and maintains compliance with program accessibility

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provisions of Section 504 of the Rehabilitation Act. The TWDB reviews each new Web page or application for compliance with the Worldwide Web Consortium's Web Content Accessibility Guidelines.

**19. Light Refreshments and/or Meals**

Except for event(s) and all of its components described in the approved workplan, TWDB agreed to obtain prior approval from EPA for the use of grant funds for light refreshments and/or meals served at meetings, conferences, training workshops and outreach activities (events). No grant funds were used for light refreshments and/or meals during SFY 2015.

**20. Civil Rights Obligations**

The TWDB submitted EPA Form 4700-4 and Standard Form 424B in compliance with civil rights statues and EPA regulations. Specifically, TWDB has complied with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Section 13 of the Federal Water Pollution Control Act Amendments of 1972, Title IX of 40 CFR Part 5, Title VI, Sections 13 and 504 of CFR Part 7, and EPA Form 4700-4.

**21. Drug-Free Workplace**

The TWDB maintained a drug-free workplace through application of the agency's drug- and alcohol-free workplace policy. The policy ensures a safe and productive workplace is maintained while providing education and avenues for treatment of agency employees. The TWDB will continue to make an ongoing, good faith effort to maintain a drug-free workplace in accordance with the requirements of 2 CFR Part 1536 and agency policy.

**22. Hotel-Motel Fire Safety**

The TWDB ensured that all space used for conferences, meetings, conventions and training seminars funded in whole or in part with federal funds complied with the protection and control guidelines of the Hotel-Motel Fire Safety Act.

**23. Lobbying and Litigation**

The TWDB adhered to the prohibition against using project funds to lobby the federal government or for litigation against the United States. The Executive Administrator agreed to ensure that no grant funds awarded pursuant to the Agreement were used to engage in lobbying the federal government or in litigation against the United States unless authorized under existing law. The TWDB abided by OMB Circular Number A-87, which prohibits such use of federal funds as well as 40 CFR Part 34. Additionally, the TWDB required sub-

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recipients to certify compliance with 40 CFR Part 34 via TWDB form WRD-213.

**24. Recycled Paper**

The TWDB agreed to the use of recycled paper and double-sided printing for all reports prepared as a part of this agreement and delivered to EPA.

**25. Resource Conservation and Recovery Act**

The TWDB complied with the preference requirements in its procurement programs to the purchase of specific products containing recycled materials in accordance with Section 6002 of the Resource Conservation and Recovery Act. Texas Government Code § 2155.445 requires all state agencies, municipalities, counties and special districts to follow certain statutes regarding recycling and the purchase of recycled content products. Texas Government Code § 2155.445(a) provides that all entities "give preference to recycled, remanufactured, or environmentally sensitive products" as determined by rule of the Texas Comptroller of Public Accounts if the purchases meet applicable specifications as to quantity and quality.

**26. Trafficking in Persons**

The TWDB agreed to inform the EPA immediately of any information received from any source that alleges a violation of §106(g) of the Trafficking Victims Protection Act of 2000, as amended. The statute prohibits recipients of Federal funds from engaging in severe forms of trafficking in persons during the period of time that the Agreement is in effect; nor may a recipient procure a commercial sex act during the period of time that the Agreement is in effect or use forced labor in the performance of the award.

**Administrative Conditions**

**1. Utilization of Small, Minority and Women's Business Enterprises**

The TWDB has complied with the EPA Disadvantaged Business Enterprise (DBE) rules when using federal funds for procurement. The table below shows the TWDB's DBE activity in FFY 2015. In accordance with 40 CFR § 33.502 and 40 CFR § 33.503, the TWDB submitted a completed Standard Form 5700-52A within 30 days of the end of the annual reporting periods in which sub-agreements were awarded. The TWDB made good faith efforts in accordance with 40 CFR § 33.301. TWDB complied with the contract administration provisions of 40 CFR § 33.302 and the bidders list requirements of 40 CFR § 33.501(b) and (c). Projects are assigned to the Agreement in chronological order by contract approval date.

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CWSRF FFY 2015 MBE/WBE Procurement Activity						
Total Procurements	MBE Goals	MBE Actual		WBE Goals	WBE Actual	
		Dollar Value	% of Procurement		Dollar Value	% of Procurement
\$141,074,083.84		\$19,672,055.85	13.94%		\$14,322,026.41	10.15%
Construction	12.94%	\$14,436,075.89	10.23%	8.72%	\$12,559,337.58	8.90%
Supplies	9.68%	\$1,854,321.77	1.31%	9.34%	\$512,785.89	0.36%
Equipment	7.12%	\$0.00	0.00%	5.39%	\$0.00	0.00%
Services	10.84%	\$3,381,658.19	2.40%	5.72%	\$1,249,902.94	0.89%
<b>Overall DBE Procurements 24.10%</b>						

The above DBE goals were negotiated with EPA in SFY 2012 in accordance with 40 CFR 33.404 and included in the FFY 2014 Grant Agreement.

**2. Unliquidated Obligations**

The TWDB submitted an annual Federal Financial Report (SF-425) to the EPA no later than 90 calendar days following the end of the reporting quarter, as established in the Agreement. Additionally, the TWDB will submit a final Federal Financial Report to the EPA no later than 90 calendar days after the completion of the project period.

**3. National Term and Condition – Indirect Costs**

The TWDB received EPA approval of its indirect rates for SFY 2015. When actual costs for the period have been determined, an adjustment may be made to the rates.

**4. Quality Management Plan (QMP)**

The TWDB submitted an annual Quality Management Plan (QMP) to the Region Quality Assurance Manager which was approved on June 17, 2015. The Texas Commission on Environmental Quality (TCEQ) received approval of its QMP on December 18, 2014, by the EPA.

**5. Quality Assurance Project Plan (QAPP)**

A Quality Assurance Project Plan (QAPP) was completed and submitted by the TCEQ to the EPA on November 4, 2013. Approval of the QAPP was approved by the EPA and is in effect through November 4, 2016.

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**6. FFY 2012 or later Unpaid Federal Tax Liabilities and Felony Convictions for Non-Profit and For-Profit Organizations**

The TWDB understands the award is subject to the provisions contained in the Consolidated Appropriations Act, 2014, Public Law 113-76, Division G, Title IV, Sections 422 and 423. The TWDB acknowledges that it is not subject to any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, and has not been convicted of a felony criminal conviction under any federal law within 24 months preceding the award, unless EPA has considered suspension or debarment of the corporation based on these tax liabilities or convictions and determined that such action is not necessary to protect the Government's interests.

**Programmatic Conditions**

**1. Payment Schedule**

The TWDB accepted grant payments in accordance with a payment schedule established by the EPA and deposited all such payments in the CWSRF in accordance with Title VI of the Clean Water Act. Payments, cash draw downs and disbursements were as defined in 40 CFR §§ 35.3155 and 35.3160.

**2. State Match**

As of the end of SFY 2015, the TWDB had deposited \$369,694,456 into the CWSRF to fully meet its requirement to match an amount at least equal to 20 percent of the amount awarded in the capitalization grant. The TWDB deposited state match of 20 percent on or before each scheduled EPA payment.

**3. Intended Use Plan and Operating Agreement**

The TWDB included the SFY 2015 IUP with the Grant Application for the FFY 2014 Capitalization Grant. In addition, TWDB provided EPA a copy of the amended SFY 2015 IUP in March 2015. The TWDB does not have an Operating Agreement with EPA covering the CWSRF.

**4. Travel**

The TWDB acknowledges EPA's approval for use of federal funds for travel budgeted in the capitalization grant for implementing the CWSRF program. All travel expenses incurred were in accordance with the representations made within the grant application and followed all applicable state and federal laws.

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**5. Clean Water National Information Management System (CWNIMS)**

The TWDB provided complete and accurate data in a timely manner to the CWNIMS.

**6. Environmental Benefits Reporting**

The TWDB reported no less than quarterly on the use of funds for each closed commitment in the Clean Water Benefits Reporting (CBR) System. The reporting in CBR included data with respect to the CWSRF green project reserve and additional subsidization requirements. A copy of a CBR report showing commitments closed in SFY 2015 is included in Appendix B of this report.

**7. Annual Reporting**

The TWDB provided information in its Annual Report on key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of outputs and outcomes established in the IUP; 2) the reasons for delay if established outputs or outcomes were not met; 3) any additional, pertinent information on environmental results; 4) whether the state funded green projects and what criteria were used; and 5) compliance with the additional subsidization requirement.

**8. Program Income from Administrative Fees**

The uses of all fees was consistent with EPA "Guidance on Fees Charged by States to Recipients of CWSRF Program Assistance" issued on October 20, 2005. The TWDB agreed to hold any CWSRF program income from administrative fees earned during the grant period in accounts separate from the project loan fund. Fees collected are audited and reported upon annually.

**9. Additional Subsidization**

EPA specified that in accordance with FFY 2014 Appropriations the TWDB use at least \$3,487,301 and no more than \$5,230,952 of the funds provided by the FFY 2014 Capitalization Grant to provide additional subsidization in the form of principal forgiveness, negative interest rate loans or grants. The EPA further specified in guidance that priority for additional subsidies should be given to communities that could not otherwise afford the projects. Moreover, the subsidies were to be directed to (a) repair, replace, and upgrade infrastructure in existing communities; (b) investigations, studies and plans that, once implemented, would improve the technical, financial and managerial capacities of the recipients; and (c) preliminary planning, alternatives assessment, and eligible capital projects that reflect the full life-cycle costs of infrastructure

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assets, the conservation of natural resources and alternative “green” approaches.

The TWDB will comply with these requirements and has listed the communities that are anticipated to receive additional subsidization from the FFY 2014 capitalization grant in Appendix A, Table 8. The additional subsidization associated with the FFY 2014 grant that has been allocated to closed projects and commitments totaled \$3,551,550 as of August 31, 2015. The TWDB is on track to exceed the minimum grant requirement with unclosed commitments and pending applications.

**10. Green Project Reserve**

The SFY 2015 IUP reserved 10% of the capitalization grant, or \$6,408,400, for Green Project Reserve (GPR) projects. The TWDB developed “Green Project Information Worksheets” in order to facilitate a uniform approach to providing business case information should it be required. All projects from the SFY 2015 IUP received invitations, including those projects identified as GPR. To encourage adequate funding of green projects during SFY 2015, the TWDB allocated \$961,260 as a targeted subsidy to green project costs. Eligible green projects were offered a subsidy in the form of principal forgiveness of 15% of the green project costs, provided the green costs were at least 30% of the total project costs.

As of the end of SFY 2015, the total closed projects and commitments totaled \$2,755,300 of the GPR targeted amount. The projects that received green project reserve funds are shown in Appendix A, Table 8. A description of the TWDB’s good faith efforts to meet the Green Project Reserve is found under the narrative section.

**11. Geospatial Data Standards**

The TWDB has complied with the requirements regarding use of the Federal Geographic Data Committee (FGDC) endorsed standards when creating geospatial data.

**12. American Iron and Steel**

The TWDB implemented procedures for construction projects without TWDB funding for Planning, Acquisition, and Design phases prior to January 17, 2014, but having (1) a loan closing between January 17, 2014, through September 30, 2014, and plans and specifications submitted to the TWDB prior to or on January 17, 2014, and approved by TWDB after April 15, 2014, or; (2) a loan closing between January 17, 2014, through September 30, 2014, and plans and specifications submitted to the TWDB after January 17, 2014, or; (3) a loan closing on or after October 1, 2014, and plans and specifications approved by

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TWDB on or after June 10, 2014, to comply with the American Iron and Steel requirements of P.L. 113-76, Consolidated Appropriations Act, 2014, Section 436. These procedures may be found at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1106.docx>.

The TWDB implementation 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; and (3) by ensuring that all loan closing ordinances, resolutions and/or loan (forgiveness) agreements contain a clause mandating compliance with American Iron and Steel requirements; and (4) providing recipients with de minimis logs and certification forms.

### **13. Wage Rate Requirements**

TWDB includes in its agreements a term and condition requiring compliance with the requirements of section 513 of the Clean Water Act (33 U.S.C. 1372) in all procurement contracts and sub-grants, and require that loan recipients, procurement contractors and sub-grantees include such a term and condition in subcontracts and other lower tiered transactions. The TWDB has included the required term and condition in all agreements for CWSRF assistance, including the purchase of bonds from a recipient. In addition, the TWDB requires the recipient to include in all construction contracts and subcontracts over \$2,000, language contained in Sections 3 and 5 of the Attachment 1 of the EPA grant agreement pertaining to Davis-Bacon wage rate requirements. If the contract exceeds \$100,000, Section 4 of Attachment 1 must be included. The recipient must ensure all prime contracts require the same full text in any subcontracts. Recipients are required to adhere to the requirements in Sections 1 and 2 of Attachment 1. These requirements are conveyed to the recipient through the TWDB's guidance on the Davis-Bacon Wage Rate Requirements, TWDB-0156.

### **14. Project Management**

TWDB acknowledges EPA's close monitoring of project management and execution. The TWDB will continue to collaborate with EPA representatives on technical assistance and the identification, solution, and escalation of problems to top level managers.

### **15. Reporting Condition**

TWDB's progress in achieving agreed-upon project/program outputs and environmental outcomes can be found within this report and in EPA's Clean Water Benefits Reporting (CBR) System.

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**16. Sufficient Progress**

See section “EPA General Terms and Conditions” above, Section 16.

**17. Light Refreshments and Meals**

See section “EPA General Terms and Conditions” above, Section 19.

**18. Electronic and Information Technology Accessibility**

See section “EPA General Terms and Conditions” above, Section 18.