Texas Water Development Board

STATE OF TEXAS

Intended Use Plan

Drinking Water State Revolving Fund

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

SFY 2015

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

Drinking Water State Revolving Fund

SFY 2015 Intended Use Plan

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Cover Photo

Upper Left:	Aerial view of line installation across Lake 'O the Pines (photo provided by North East Texas Municipal Water District)
Upper Right:	San Felipe Creek Pipe Bridge, Del Rio
Lower Left:	54-inch welded steel pipe installation, Round Rock
Lower Right:	Color coded discharge piping from reverse osmosis units, Brady

Drinking Water State Revolving Fund
Acronyms

ACV	Acute Coliform Violation	**PL**	Public Law
ACS	American Community Survey	**PPL**	Project Priority List
AIS	American Iron & Steel	**PWS**	Public Water System
AMHI	Annual Median Household Income	**PWSS**	Public Water Systems Supervision
BMP	Best Management Practice	**SWDA**	Safe Water Drinking Act
CCN	Certificate of Convenience and Necessity	**SSTA**	Small Systems Technical Assistance
CWSRF	Clean Water State Revolving Fund	**SWA**	Source Water Assessment
CPE	Comprehensive Performance Evaluation	**SWP**	Source Water Protection
CPI	Consumer Price Index	**SWPR**	Source Water Protection Reserve
DWSRF	Drinking Water State Revolving Fund	**SFY**	State Fiscal Year
EPA	Environmental Protection Agency	**SMP**	State Management Plan
FFY	Federal Fiscal Year	**SRF**	State Revolving Fund
FMT	Financial, Managerial, and Technical	**TAC**	Texas Administrative Code
GPR	Green Project Reserve	**TCEQ**	Texas Commission on Environmental Quality
HCF	Household Cost Factor	**TEA**	Texas Education Agency
IUP	Intended Use Plan	**TWDB**	Texas Water Development Board
IPL	Invited Projects List	**TXWARN**	Texas Water/Wastewater Agency Response Network
LA	Local Assistance	**TCV**	Total Coliform Violation
MCL	Maximum Contaminant Level	**TMDL**	Total Maximum Daily Load
NEPA	National Environmental Policy Act	**ULO**	Unliquidated Obligation
PAD	Planning, Acquisition, and/or Design phases of a project	**VSS**	Very Small System
PIF	Project Information Form	**WUD**	Water Utilities Database

Texas Water Development Board
SFY 2015 Drinking Water State Revolving Fund
Intended Use Plan

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Texas Water Development Board rules governing the Drinking Water State Revolving Fund program (Texas Administrative Code, Title 31, Part 10, Chapter 371) may be accessed online at info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=371

I. Introduction and Purpose of the Intended Use Plan

In 1996 Congress passed federal amendments to the Safe Drinking Water Act (SDWA) that established the Drinking Water State Revolving Fund (DWSRF) program. The Texas Water Development Board (TWDB) is authorized by state law to administer this program for Texas.

The TWDB is the financing agency for the DWSRF and has a contractual relationship with the state's primacy agency, the Texas Commission on Environmental Quality (TCEQ), to perform DWSRF activities. TCEQ performs DWSRF activities that include rating proposed projects, state program management, small systems technical assistance, assessments for ground water sources, source water technical assistance, sanitary surveys, complaint investigations, enforcement activities, disaster assistance (including drought), and implementation of the State of Texas approved Capacity Development Strategy.

Annually, the state must prepare an Intended Use Plan (IUP) that describes how it intends to use DWSRF program funds to support the overall goals of the program. The IUP must describe the short- and long-term goals, criteria and method of distributing the funds, disadvantaged community assistance, additional subsidy, set-aside activities, financial status, transfers, cross-collateralization, the priority ranking system, and the priority lists of projects. It communicates the TWDB's plans to stakeholders who include the public, public water systems, other state agencies, and the Environmental Protection Agency (EPA).

Texas is eligible for a $63,953,000 federal capitalization grant from funds appropriated by Congress for Federal Fiscal Year (FFY) 2014. The TWDB will comply with the requirements associated with FFY 2014 grant funds in State Fiscal Year (SFY) 2015. The IUP is a central component of the TWDB's application to EPA for the capitalization grant.

The amount of funds available for projects for this SFY 2015 IUP is $250,000,000. The source of funds includes the FFY 2014 capitalization grant, unexpended funds from prior grants, state match, principal and interest repayments from loans, investment earnings, additional cash resources, and if loan demand warrants and cross-collateralization is approved, the net proceeds from bond issues. The program is required to offer both below-market interest rates and additional subsidy. To meet the additional subsidy requirement, TWDB has elected to offer loan forgiveness of 30%, 50% or 70% to eligible disadvantaged communities, very small systems, urgent need projects, and 15% of the costs associated with eligible green projects. Throughout the IUP, this loan forgiveness may be referred to as Additional Subsidy, Subsidized Green funding, Very Small Systems funding, Urgent Need funding, or Disadvantaged Community funding. The demand for this loan forgiveness funding far outpaces its availability. Therefore, entities invited to submit applications for loan forgiveness funding are strongly encouraged to apply as soon as possible after receiving their invitation.

Projects on the Invited Projects List (Appendix K) will be invited to submit applications after Board approval of the IUP. After the initial invitation round, applications for funding under

this SFY 2015 IUP will be accepted year-round until the SFY 2016 IUP is approved by the Board.

II. Public Participation in the Development of the Intended Use Plan

Public participation is an important and required component of the IUP development process. The TWDB takes seriously its responsibility in administering these funds and considers public input necessary and beneficial.

A. Notice

To seek public comment on the proposed uses of funds, the draft IUP, including the associated project lists, was made available for a 30-day public comment period. In addition, a public hearing was held in Austin to accept public comments. Availability of the draft SFY 2015 DWSRF IUP, dated July 1, 2014, was announced as follows:

- Public notification of the draft IUP, the public comment period and public hearing notice was posted on the TWDB website at www.twdb.texas.gov.
- A public notification describing where to access the draft IUP online. If requested, a hard copy would be mailed or emailed to interested parties.
- A copy of the draft IUP was sent to the EPA.

B. Comment

Written comments were accepted via the following four options from July 1, 2014, until 5:00 P.M. on July 30, 2014.

1. The public hearing held on July 15, 2014, at 2:00 P.M. in Room 170 of the Stephen F. Austin Building located at 1700 N. Congress Avenue in Austin, Texas.
2. Submitting comments via the following online comment page:

   www.twdb.texas.gov/apps/iup
3. Emailing comments to the following electronic mail address:

   iupcomments@twdb.texas.gov.

   Please specify in the subject line "*DWSRF comments*".
4. Mailing comments to the following address:
   Ms. Jo Dawn Bomar, Director
   Program Administration and Reporting
   Texas Water Development Board
   P.O. Box 13231
   Austin, TX 78711-3231

In accordance with federal requirements, all comments were responded to on an individual basis and were reported to the TWDB Board in preparation for their review of the IUP.

C. Approval

The SFY 2015 DWSRF IUP will be finalized once it is considered and approved by the TWDB's Board in August 2014.

D. Documentation

After Board approval, the IUP will be formally submitted to the EPA along with information documenting the public participation process. In addition, the TWDB will notify, via email, all entities that submitted a Project Information Form (PIF) when the Board approved IUP is available online.

III. Description of the Drinking Water State Revolving Fund Program

The DWSRF provides below market-rate loans, and loan forgiveness, to finance projects that facilitate compliance with primary drinking water standards or otherwise significantly further the health protection objectives of the SDWA. Projects must also be consistent with the 2012 State Water Plan.

A. Eligible Applicants

Applicants eligible to apply for assistance are:

- Existing community Public Water Systems (PWSs) including political subdivisions, nonprofit water supply corporations and privately owned community water systems
- Non-profit, non-community public water systems
- State agencies

B. Eligible and Ineligible Use of Funds

1. Examples of eligible project costs include planning, acquisition, design, and construction of projects to:

- Correct water system deficiencies including water quality, capacity, pressure, and water loss
- Upgrade or replace water systems
- Provide new or existing water service to other water systems through consolidation projects
- Purchase capacity in water systems
- Purchase water systems
- Implement green projects (pursuant to EPA guidance)
- Implement source water protection projects

- Pay for other costs necessary to secure or issue debt

2. Examples of ineligible project costs include:

- Projects primarily intended to facilitate growth
- Projects for systems in significant noncompliance, unless funding will ensure compliance
- Water rights, unless owned by a system being purchased through consolidation
- Projects for systems that lack adequate financial, managerial, and/or technical capability, unless assistance will ensure compliance
- Construction of reservoirs
- Dams or rehabilitation of dams
- Routine laboratory fees or ongoing operational expenses
- Fire protection projects (unless incidental to the main project scope)

IV. State Fiscal Year 2015 Significant Program Changes

Significant program changes to the SFY 2015 IUP are highlighted below.

1. Terms (Section VII.I.): The TWDB may offer terms of up to 30 years for all phases of the projects, including planning, acquisition, design, and/or construction, according to Board determined guidelines and in accordance with the Safe Drinking Water Act.

2. Leveraging and Cross-collateralization (Section IX.B.): The TWDB may leverage the DWSRF program as necessary to meet the demand for funding additional drinking water projects. The TWDB may pledge the fund assets of the Clean Water State Revolving Fund (CWSRF) as security for bond issues in the DWSRF program, and may pledge the fund assets of the DWSRF as security for bond issues in the CWSRF program.

3. Disadvantaged Eligibility Reviews. (Appendix D. Disadvantaged Community Eligibility Criteria): In previous years, the process for reviewing projects for disadvantaged eligibility was on an individual project basis. If an entity submitted multiple project information forms requesting disadvantaged funding consideration, they were reviewed and, if eligible, were assigned a level of loan forgiveness independently. Starting this SFY, if an entity submits applications for multiple projects during the SFY, the TWDB may re-evaluate disadvantaged eligibility and the level of loan forgiveness taking into account all submitted projects.

4. American Iron and Steel Provisions (Appendix E. Special Grant Conditions): The Federal Fiscal Year (FFY) 2014 federal appropriations includes an "American Iron and Steel (AIS)" requirement that requires DWSRF assistance recipients to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, or repair of a public water system or treatment works if the project is funded through an assistance agreement executed beginning

January 17, 2014 (the date of enactment of the appropriations). The law sets forth certain circumstances under which the EPA may waive the AIS requirement. Furthermore, the Act specifically exempts projects where engineering plans and specifications were approved by a State agency prior to January 17, 2014.

5. Urgent Need Reserve (Section VII.H.4.) The TWDB may allocate $2 million of additional subsidy to a reserve for urgent need projects. Projects experiencing a water crisis may be eligible for loan forgiveness up to $500,000 to protect public health and safety.

V. Drinking Water State Revolving Fund Program Goals

The primary goal of the Texas DWSRF program is the same as the SDWA's – to improve public health protection. The overall goals of the Texas DWSRF program are to ensure public health protection; to identify and provide funding for maintaining and/or bringing Texas' PWSs into compliance with the SDWA; to support affordable drinking water and sustainability; and to maintain the long-term financial health of the DWSRF program fund. Specific goals to achieve those ends are listed below. The TWDB applied for the FFY 2014 grant allotment in the amount of $63,953,000 on July 18, 2014.

A. Short-Term Goals

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 by allocating an equivalent of 10% of the capitalization grant to approved green project costs.

2. Offer terms of up to 30 years for the planning, acquisition, design, and/or construction according to Board determined guidelines and in accordance with the SDWA.

3. Increase the amount of funding available by leveraging the program as necessary to meet the demand for funding additional drinking water projects.

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

5. Continue to address Unliquidated Obligations (ULO) of past federal grant funds.

6. 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.

7. Assist water systems experiencing emergency situations through concerted

outreach, interagency coordination, technical assistance and financial assistance.

8. Establish an Urgent Need reserve from the additional subsidy funds to offer loan forgiveness to projects that address situations that require immediate attention to protect public health and safety.

B. Long-Term Goals

1. Maintain the fiscal integrity of the DWSRF in perpetuity.

2. Employ the resources in the DWSRF in the most effective and efficient manner to protect public health and assist communities in maintaining compliance with Safe Drinking Water Act requirements.

3. Assist borrowers in complying with the requirements of the Safe Drinking Water Act by meeting the demands for funding drinking water projects through loans with interest rates below current market levels and with additional subsidization in the form of loan forgiveness.

4. Support the development of drinking water systems that employ effective utility management practices to build and maintain the level of financial, managerial and technical capacity necessary to ensure long-term sustainability.

5. Continue to address Unliquidated Obligations (ULO) of past federal grant funds in an effort to reduce the outstanding balance and achieve EPA's best management practices.

VI. Funding Available in State Fiscal Year 2015

A. Requirements, Allocations and Reserves

1. Federal Requirements on Available Funds

Funds are subject to federal requirements such as the Davis-Bacon Act and American Iron and Steel provisions. DWSRF-funded projects must follow all federal cross-cutter requirements. These are outlined in Appendix E.

2. Allocations of Available Funds

A total of $250,000,000 is available for SFY 2015. The amount of funds available is allocated to the following funding options.

Funds Available

Funding Option	Allocation
Disadvantaged Community	$7,831,305
Subsidized Green	$959,295
Very Small Systems	$2,000,000
Urgent Need	$2,000,000
Loans	$237,209,400
Total	**$250,000,000**

3. Reserves Established from Available Funds

The following reserved amounts may be applied to the Disadvantaged Community, Subsidized Green, Very Small Systems, Urgent Need, and Loan funding options.

Source water protection, which is a funding reserve, can be a cost-effective strategy that focuses on preventing contamination of drinking water supplies. A portion of the source water protection reserve is allocated as loan forgiveness to eligible disadvantaged projects and subsidized green funds. If these funds aren't awarded to source water protection projects, they will be used for other eligible purposes. Please see Appendix C for more information on source water protection.

Funding Reserves

Reserve	Amount
Construction-only (up to 70% of funds available)	$175,000,000
Green Projects (10% of capitalization grant) *	$6,395,300
Source Water Protection (10% of funds available)	$25,000,000
Small Communities (15% of capitalization grant)	$9,592,950
*This amount includes the funds allocated for green subsidy.	

B. Leveraging to Provide Additional Funding

The TWDB may leverage the DWSRF program as necessary to meet the demand for funding additional drinking water projects.

C. Funds from Prior Years

Additional funds that may become available through unobligated previous grant funds, deobligation or closure of previous loan commitments, or repayments will be allotted to eligible projects.

D. Transfer of Funds

Section 302 of the SDWA Amendments of 1996 provides states the authority to reserve and transfer funds between the DWSRF and the CWSRF programs. In accordance with Section 302, the TWDB hereby reserves the authority to transfer an amount up to thirty-three percent (33%) percent of the DWSRF program capitalization grant(s) to the

CWSRF program or an equivalent amount from the CWSRF program to the DWSRF program.

VII. Criteria and Method of Distribution of Funds

A. Solicitation of Project information

Project information was solicited from eligible entities across the state in a letter dated October 29, 2013, with a response deadline of March 3, 2014. Potential applicants submitted information on the Project Information Form (PIF) based on the type of project: public water systems or source water protection and disadvantaged community status.

The required information was submitted on a PIF and consisted of:

- A detailed description of the proposed project
- A map(s) showing the location of the service area
- An estimated total project cost which, if greater than $100,000, must be certified by a registered professional engineer
- A checklist and schedule of milestones to determine a project's readiness to proceed to construction
- The population currently served by the applicant
- Green project information
- Signature of the applicant's authorized representative
- Additional information detailed within the solicitation for projects as needed to establish the priority rating, such as effective system management. Examples of effective management criteria include asset management, water conservation, regional plans, and energy audits.

B. Carryover of Projects from Prior Intended Use Plans

Projects in prior IUPs remain active for up to three years from the IUP in which they are first included until (i) they receive a commitment for funding, (ii) are determined ineligible, (iii) indicate that the project is no longer needed or has been completed, or (iv) indicate they no longer wish to be included on the list. Projects are automatically included in subsequent project lists based on the number of priority points received in the year they were first accepted and rated. Individual ranking is not preserved and will be determined in a manner consistent with a particular year's IUP. An update form is available for entities wishing to update project information for a project that has been carried forward.

C. Evaluation of the Project Information Received and Priority Rating System

All PIFs received an initial review by TWDB staff. The TWDB evaluated submissions requesting eligibility for disadvantaged community status, which is described in detail in Appendix D. The TWDB rated projects based on effective management criteria presented in Appendix B. Throughout the evaluation process, entities were contacted by staff if additional information was needed for clarifying their eligibility for disadvantaged status or effective management points.

Concurrent with TWDB's rating process for disadvantaged community status and effective management, TCEQ performed the priority rating for water system projects. The general rating criteria for projects are described below, with details provided in Appendix B. For information on scoring for specific projects, a report detailing the scoring for each project is posted on the TWDB's website.

1. Rating Criteria for Water System Projects

• Health and Compliance – factors regarding public health concerns/issues or violations of Maximum Contaminant Levels (MCLs) pursuant to 40 Code of Federal Regulations Part 141.

• Secondary Compliance – factors regarding secondary chemicals and/or physical deficiencies (see Appendix B).

• Effective Management – factor relating to the implementation of effective management practices.

• Affordability – factor applied to an entity that qualifies as a disadvantaged community (see Appendix D).

2. Rating Criteria for Source Water Protection Projects

• Groundwater System Vulnerability – factor relating to vulnerability of groundwater systems.

• Surface Water System Vulnerability – factor relating to vulnerability of surface water systems.

• Effective Management – factor relating to the implementation of effective management practices.

• Affordability – factor applied to an entity that qualifies as a disadvantaged community (see Appendix D).

D. Ranking and Creation of Project Priority List and Invited Projects List

Each project submitted by the initial deadline and determined to be eligible is ranked from highest to lowest by the combined rating factor and included on the Project Priority List (PPL). In the event of ties in the rating, priority is given to the project serving the smaller total population. Project information submitted after the March 3rd deadline was not considered for rating purposes prior to adoption of the initial PPL. Following approval of the IUP, changes to a ranked project that result in a project no longer addressing the issues for which it was rated will require the project to be re-rated and re-ranked, except in the following circumstances:

1. The applicant for a proposed project changes but the project does not change;

2. The number of participants in a consolidation project changes and the change does not result in a change to the combined rating factor; and

3. The fundable amount of a proposed project does not increase by more than 10% of the amount listed in the approved IUP. The Executive Administrator may waive the 10% limit to incorporate additional elements to the project; however, only one increase prior to closing may be allowed.

The Invited Projects List (IPL) presented in the IUP (Appendix K) refers to a subset of projects from the ranked PPL and includes only the projects to be invited to apply for funding during the four weeks following the Board's approval of the IUP.

Based on a review of milestones achieved to date, the TWDB reviewed each project to determine which phases would be eligible to receive funding during SFY 2015. The phases indicated on the IPL represent the phases deemed eligible based on that review. To fulfill the reserve established for construction projects, those projects representing only the construction phase that are ready to proceed receive a priority on the IPL. If an entity is interested in applying for additional phases of the project not listed on the IPL or not mentioned in the invitation letter, an updated Readiness to Proceed to Construction form must be submitted and an eligibility determination will be made by TWDB prior to the pre-application meeting.

E. Bypass Procedures

The Executive Administrator may decide to bypass, or skip, higher ranked projects in favor of lower ranked projects to ensure that funds available are utilized in a timely manner and that statutory and capitalization grant requirements are met. In addition, if an entity is offered funding for any project that has an interrelated project ranked lower on the list, the Executive Administrator has discretion to also offer funding for the interrelated project. Reasons for bypassing projects are discussed in Appendix F.

F. Distribution of Funds

The distribution of funds will occur as described in this section.

Readiness to Proceed to Construction Process:

Readiness to proceed to construction means that there are no significant permitting, land acquisition, social, contractual, environmental, engineering or financial issues that would keep the project from proceeding in a timely manner to construction. All projects solicited for this IUP were asked to submit information regarding the project's current status as of the solicitation period deadline. The information is used in determining which phases are included on the IPL as eligible for funding at this time. Projects that received funding for planning, acquisition and/or design during 2012, 2013, or 2014 were automatically added to the SFY 2015 PPL and the IPL for construction phase funding based on the number of points they received in the year they were rated. Any invitation for construction phase funding is contingent upon the project having met the required ready to proceed milestones. The Executive Administrator may bypass projects to invite those deemed ready to proceed.

Phases on the IPL:

1. Planning, Acquisition and Design Funding

Projects on the IPL that have not completed planning, acquisition, and design (PAD) activities and are not deemed ready to proceed to construction during SFY 2015 may receive an invitation to fund only the PAD portion of the project. Financial assistance for the PAD portion of a project is eligible for a below-market interest rate and must close within six months of receiving a commitment.

2. Construction Funding Only

Projects on the IPL that were determined to be ready to proceed to construction based on the current status of their planning, acquisition, and design activities may receive an invitation to fund the construction portion of the project. Financial assistance for the construction portion of a project is eligible for a below-market interest rate and must close within one year of receiving a commitment.

For SFY 2015, the TWDB is reserving at least 70% of funds available for projects that requested Construction funding only, provided there are projects deemed ready to proceed. The Executive Administrator may bypass those projects not deemed ready to proceed.

If a commitment is received in SFY 2015 for the Planning, Acquisition, and/or Design phase(s), the remaining phase(s) of the project will be placed on subsequent fiscal year IUPs until the project is ready to proceed to the construction phase or up to three years from closing its initial commitment for Planning, Acquisition, and/or

Design phase, whichever is sooner. These subsequent listings will automatically retain the same rating score and will receive a priority for the remaining phase(s) unless, during the annual solicitation period, an entity submits a PIF update form that reflects changes in a project's scope, schedule, budget, or rating criteria which would require a new rating.

3. Planning, Acquisition, Design and Construction Funding or Pre-Design Funding Option

The pre-design funding option allows an applicant to receive a single loan commitment for all phases of a project. The construction portion of the project must be deemed ready to proceed before funds for the construction phase will be released. This option may be considered for projects based on a TWDB finding that there are no significant permitting, land acquisition, social, contractual, environmental, engineering or financial issues that would keep the project from proceeding in a timely manner to construction. Financial assistance utilizing the pre-design funding option must close within one year of receiving a commitment.

G. Invitations and Application Submissions

Entities with projects on the IPL will be informed of the opportunity to submit an application for the project phases shown on the list using the funding options in the next section. The projects listed on the initial IPL that are interested in pursuing funding are encouraged to begin working on their applications upon publication of the draft IUP in order to have them administratively complete and ready to submit after the IUP is approved in August 2014. Invited applications from projects on the IPL that are received during the initial four weeks after Board approval of the IUP will be allotted funding for disadvantaged and green project loan forgiveness based on rank order; provided TWDB determines they are administratively complete as submitted or within 14 days from the date the applicant received a notice to correct deficiencies. After the period to cure any deficiencies has elapsed, funds will be allotted on a first come, first served basis. Prior to submitting an application, entities are required to participate in a pre-application meeting to discuss the application process and project requirements.

Each application received by the TWDB will be reviewed to ensure that the required milestones have been met to allow funding of the phase(s) being requested. If the application review indicates that the appropriate milestones for requested funding have not been met, funding may be limited to only those phases deemed eligible at that time. If the application review determines that a project is not ready to proceed for funding for the phase(s) being requested, the project may lose any subsidy allotted to it during the review process.

Entities invited for only planning, acquisition and/or design phases may provide an updated Readiness to Proceed to Construction form if milestones have been met that would allow the project to be deemed eligible for construction phase funding.

Projects may be bypassed if an applicant fails to timely submit a complete application or additional requested information. After the initial four-week application period, invited applications will be processed on a first-come, first-served basis, with funding allocations based on the date the application is considered administratively complete. Applications will be accepted throughout the year until the SFY 2016 IUP is approved by the Board.

H. Funding Options

Entities listed on the IPL may be invited to apply for one or more of the funding options.

1. Disadvantaged Community Funding

For an entity to qualify as a disadvantaged community, the adjusted Annual Median Household Income (AMHI) of the entity's service area, or portion of the service area, must be less than or equal to 75% of the State's adjusted AMHI and the Household Cost Factor must be greater than or equal to 1% if only water or sewer service is provided or greater than or equal to 2% if both water and sewer service are provided. The percent of loan forgiveness is based on the difference between the calculated and minimum required household cost factors, in the following table:

Household Cost Factor Difference	Loan Forgiveness as a % of total loan amount
≥ 0% and < 1.5%	30%
≥ 1.5% and < 3%	50%
≥ 3%	70%

This funding option offers a loan component with an interest rate subsidy of 125 basis points below market interest rates and 30%, 50%, or 70% of the total project cost in loan forgiveness. The maximum repayment period is 30 years. The loan origination fee will not be applied to project costs that are funded with loan forgiveness. Further explanation can be found in Appendix D.

2. Subsidized Green Funding

Entities may receive Subsidized Green funding if their project has elements that are considered green and the cost of the green portion of their project is 30% or greater than the total project cost. This funding option offers loan forgiveness for up to 15% of the total eligible green component costs in loan forgiveness. The loan origination fee will not be applied to project costs that are funded with loan forgiveness. Further explanation on Subsidized Green funding can be found in Appendix E.

3. Very Small Systems Funding

The TWDB recognizes the difficulty for very small systems to secure financial assistance. In an effort to extend resources to address critical issues with these public water systems, the TWDB will allocate up to $2,000,000 in subsidies to target systems with populations of 1,000 or fewer for projects addressing a public health, compliance, or water quantity issues. Entities meeting these conditions may be eligible to receive 100% of the total project cost in loan forgiveness up to a total of $200,000 per project. In the event funding does not fully cover total project costs, the entity will need to secure a DWSRF loan or funding from another program to complete the proposed project. No loan origination fee will be applied to project costs that are funded with loan forgiveness.

4. Urgent Need

Urgent need projects must address unforeseen situations that require immediate attention to protect public health and safety. They may result from (1) an unanticipated reduction in the adequate supply of water due to prolonged drought that will result in the loss of water service to customers within the next 180 days; (2) a catastrophic natural event or accident resulting in the loss of over 20% of the water service connections or 20 percent of the total water provided to customers; or (3) other situations as established by Board determined guidelines. Urgent need projects submitted after the March 3, 2014 project information form submission deadline may be invited in the first round of invitations for SFY 2015 funding. The Executive Administrator may bypass projects to provide funding to urgent need projects. If funding is available, urgent need projects for disadvantaged communities and very small systems may be eligible for loan forgiveness under the reserves established for disadvantaged communities and very small systems. In addition, all urgent need projects may be eligible for loan forgiveness from the Urgent Need reserve fund in an amount of up to $500,000. A total of $500,000 may be provided from the reserve to any one urgent need project or entity. An entity may receive loan forgiveness under the Urgent Need reserve concurrently with loan forgiveness under the reserves for Disadvantaged Communities, Very Small Systems, and Green projects.

5. Loan Funding

All entities that are listed on the IPL are eligible to receive loan funding. All loans will be offered at an interest rate subsidy of up to 125 basis points below market interest rates.

Regardless of which funding option is pursued, a loan origination fee of 2.25% is assessed at closing on the loan portion of a commitment. The loan origination fee does not apply to any loan forgiveness amounts. The loan recipient has the option of financing the origination fee in their loan or paying this fee at closing. Fees are not

deposited into the DWSRF. The fees will be used for administrative costs, including project construction oversight, regulatory compliance, and long-term financial monitoring.

6. Summary of Options:

Funding Option	Loan Forgiveness	Interest Rate	Loan Origination Fee
Disadvantaged Community	30%, 50%, or 70%	125 basis points below market	2.25%*
Subsidized Green	15%		
Very Small Systems	100%	N/A	N/A
Urgent Need	100%	N/A	N/A
Loan	N/A	125 basis points below market	2.25%

* Not assessed on the loan forgiveness portion

Note: An entity may receive Disadvantaged Community, Green, Very Small System, Urgent Need loan forgiveness, and a loan concurrently. In this instance, the entity also will be eligible for a maximum repayment period of 30 years.

I. Terms of Financial Assistance

Financing may be offered for a term of up to 30 years for the planning, acquisition, design, and/or construction phases according to Board determined guidelines and in accordance with the Safe Drinking Water Act. The term of financial assistance offered may not exceed the expected design life of an eligible project.

J. Loan Closing

A PAD financial assistance commitment must close within six months from the date of Board commitment. A construction or pre-design (planning, acquisition, design and construction) financial assistance commitment must close within one year from the date of Board commitment. The Board may grant an extension of time to close if an applicant demonstrates sufficient reason for a delay.

Type of Financial Assistance	Closing Deadline
PAD	6 months
Construction	12 months
Pre-Design Funding	12 months

K. Project Priority List Updates

Entities may submit PIFs any time year-round. Eligible projects will be rated and ranked and added to the project lists. Amendments to the project lists will undergo a 14-day

public review period that will be advertised on the agency website. Following the public review period, projects added to the lists may receive an invitation to apply for funding.

L. Limits on Funding

1. Proportionate Share

The TWDB may limit the amount of funding available to an individual entity based on a proportionate share of total funds available. For SFY 2015, the TWDB will not establish a proportionate share requirement.

2. Additional Project Funding Before Closing

The total project costs may be increased prior to closing; however, the total amount of additional subsidy allocated to the project would not increase from the amount listed in the adopted IUP. The TWDB may consider allocating additional subsidy to reflect the increased costs on a case-by-case basis if subsidy funding is available. Only one cost increase prior to closing may be allowed.

3. Cost Overruns After Closing

In the event of cost overruns on projects funded from a previous Board commitment, supplemental loan funding may be considered on a case by case basis.

M. Updates to the Intended Use Plan

Substantive changes to the IUP will be made through an amendment after a 14-day public review and comment period. Non-substantive changes may be made by the TWDB without public notification.

VIII. Set-Aside Accounts, Activities, Administration and Coordination

Federal regulations allow states to set aside up to 31% of the capitalization grant funds for purposes other than loans to water systems. The TWDB anticipates the set asides for SFY 2015 will be allocated as follows: 4% for the TWDB for administration, 10% for TCEQ for State Program Management, 2% for TCEQ for Small Systems Technical Assistance, and $1,500,000 (approximately 2.35%) for TCEQ for Local Assistance and Other State Programs.

A. Texas Water Development Board Administration Activities

The SDWA allows a state to set aside funds equal to 4% of its annual capitalization grant for the reasonable costs of administering the DWSRF. Federal regulations governing the DWSRF program permit a state to reserve its authority to take an amount equal to 4% of the current year's grant from a future grant to defray the cost of administering the program. The TWDB, as it has done since SFY 1998, is reserving that authority.

The TWDB will draw administrative set-asides from the FFY 2014 Capitalization Grant in the approximate amount of $2,558,120. These funds will be used for allowable expenses such as reporting activities, payment processing, application assistance, and project development and monitoring. In addition, the TWDB assesses fees for the purpose of recovering administrative costs. These fees are placed in a separate account for future administrative expenses. The fees are generated by an assessment of 2.25% of the DWSRF loan amount, which is assessed at closing, and fees may be financed as a part of the DWSRF loan. Fees collected will be deposited into the Administrative Cost Recovery Fund.

B. Texas Commission on Environmental Quality Activities

The funds for TCEQ set-aside activities from the FFY 2014 capitalization grant total $9,174,360. These funds, as well as unspent funds from previous DWSRF grants, may be used in SFY 2015.

State Program Management Set Aside from FFY 2014 grant	$6,395,300
Small Systems Technical Assistance Set Aside from FFY 2014 grant	$1,279,060
Local Assistance Set Aside from FFY 2014 grant	$1,500,000
Total TCEQ set-aside amount from FFY 2014 grant	**$9,174,360**

1. State Program Management (Maximum Allowed: 10%; Taken from FFY 2014 Grant: 10% / $6,395,300.)

The TWDB will set aside an amount equal to 10% ($6,395,300) of the FFY 2014 capitalization grant, combined with carry-over funds from previous capitalization grants, for the TCEQ to carry out set-aside activities relating to State Program Management.

These funds will be used to implement the Primacy Program and the Capacity Development Strategy in the State of Texas. As part of the Primacy Program, the funds will be used to address additional program requirements of the Public Water System Supervision (PWSS) program outlined by the SDWA; administer or provide technical assistance; and support the compliance, monitoring and enforcement of PWS. A more detailed description of activities may be found in TCEQ's DWSRF Set-Aside Work Plans. Activities are expected to be completed by August 31, 2015.

2. Small Systems Technical Assistance (Maximum Allowed: 2%; Taken from FFY 2014 Grant: 2% / $1,279,060.)

The TWDB will set aside an amount equal to 2% ($1,279,060) of the FFY 2014 capitalization grant, combined with carry-over funds from previous capitalization grants, for the TCEQ to carry out set-aside activities relating to Small Systems Technical Assistance.

These funds will be used to support the compliance and monitoring of small PWS (systems with fewer than 10,000 people) as part of the primacy program of the State of Texas, implementation of the Capacity Development Strategy requirement of the SDWA and the implementation of source water protection (which includes both surface and wellhead protection) activities within the State. A more detailed description of activities may be found in TCEQ's DWSRF Set-Aside Work Plans. Activities are expected to be completed by August 31, 2015.

3. Local Assistance and Other State Programs (Maximum Allowed: 15%; Taken from FFY 2014 Grant: approximately 2.3% / $1,500,000.)

The TWDB will set aside $1,500,000 of the FFY 2014 capitalization grant for the TCEQ to carry out set-aside activities relating to Local Assistance and Other State Programs.

These funds will be used to support the implementation of the Capacity Development Strategy requirement of the SDWA and the implementation of source water protection (which includes both surface and wellhead protection) activities within the State as part of the primacy program of the State of Texas. A more detailed description of activities may be found in TCEQ's DWSRF Set-Aside Work Plans. Activities are expected to be completed by August 31, 2015.

C. Coordination of Activities with the Texas Commission on Environmental Quality

The TWDB and TCEQ regularly communicate to discuss projects in need of financial assistance through the DWSRF program. The two agencies hold a monthly DWSRF coordination meeting and TCEQ staff attend many of TWDB's pre-application meetings.

IX. Financial Status of the Drinking Water State Revolving Fund

The amount of funding available for SFY 2015 is set at $250,000,000. The amount of the FFY 2014 capitalization grant for the DWSRF program is $63,953,000, with a match of $12,790,600 provided by the state. The TWDB will comply with the requirements associated with the FFY 2014 allotment in SFY 2015. The deposit of state match usually occurs at the time of the scheduled grant payment; however, it may be deposited earlier and the source of funding varies based upon needs and availability.

A. Federal Fiscal Year 2014 Capitalization Grant Funds

To meet the binding commitment requirement, the initial round of projects invited to submit applications exceeds the amount of the capitalization grant and state match funds. After the initial invitation round, TWDB invites additional entities to submit applications on a first come, first served basis. If all of the grant funds are not committed or otherwise obligated; grant funds remaining after the SFY 2015 funding cycle has ended will be rolled forward to the SFY 2016 IUP.

B. Leveraging and Cross-collateralization

The DWSRF may be leveraged to provide funds over and above the capitalization grant and state match to assist public water systems meet their needs. In order to leverage, the TWDB may issue debt obligations which are repaid with DWSRF loans. While the TWDB has the authority to leverage the program, the current program does not have sufficient cash flows or available equity to enable a cost effective debt issuance. The resulting interest rate received would be a detriment to the cash flow of the program and would not allow sufficiently beneficial interest rates to be offered to applicants.

As authorized by the Clean Water and Safe Drinking Water Acts, the TWDB may pledge the fund assets of one program as security for bond issues in the other program. This cross-collateralization of CWSRF and DWSRF enhances the lending capacity of the DWSRF program. These options do not combine the fund assets of the two programs or secure match bonds.

In order to gain the maximum benefit for the programs and eventual borrowers, the necessary actions needed to allow cross-collateralization of the DWSRF and CWSRF will be authorized and completed prior to leveraging of the DWSRF.

C. Method of Cash Draw

The method of cash draw for the FFY 2014 capitalization grant is to expend the required state match first, and then federal funds will be drawn at a rate of 100%.

D. Long-Term Financial Health of the Fund

The long-term financial health of the DWSRF is monitored through ongoing cash flow and capacity modeling. The TWDB lending rate policy has been established to preserve the corpus of the capitalization grants and state match funds, excluding the amount of loan forgiveness and set-aside amounts from each grant. The fund is managed to sustain programmatic cash flows necessary to exist in perpetuity.

E. Interest Rate Policy

The TWDB has established an interest rate policy that provides for fixed and variable rates. The fixed interest rate for the program is designed to provide borrowers with a 125 basis point reduction from the market based on a level debt service payment schedule. Fixed rates are set five business days prior to the adoption of the political subdivision’s bond ordinance or resolution or the execution of the loan agreement and are in effect for forty-five days.

X. Navigating the Lists

Appendices G – L are a series of lists that detail the proposed project information of each based upon the PIFs received for SFY 2015. The lists include an alphabetical list of all eligible projects (Appendix G), a list of projects deemed ineligible to receive DWSRF funds (Appendix H), a list of projects deemed ineligible to receive disadvantaged funds (Appendix I), a list of projects in order of highest priority to receive funding (Appendix J), a list of those projects that may be invited to submit financial applications for assistance (Appendix K), and a list of projects that may contain green components (Appendix L).

- **Appendix G** - The alphabetical list is the priority list sorted alphabetically. It contains the project information; the name of the applying entity, their total number of points and associated priority order rank, the type of system, the system's Public Water System (PWS) ID number, the total population based on TCEQ data, a detailed description of the proposed project, all project phases requested by the entity, the estimated construction start date, total project cost, the percentage of loan forgiveness if the project is eligible to receive disadvantaged funding, information regarding included green components, and a reference to any other related PIFs from the current or previous IUPs. A grand total for all of the projects is listed on the last page of the appendix.

- **Appendix H** – Lists projects that were deemed ineligible to receive DWSRF funding with a brief description as to why they were deemed ineligible.

- **Appendix I** – Lists projects that were deemed ineligible to receive disadvantaged funding with a brief description as to why they were deemed ineligible. The project may still be eligible to receive other funding options.

- **Appendix J** – Lists projects in order of highest priority to receive funding. The content is the same as the alphabetical list in Appendix G.

- **Appendix K** – Lists projects on the Invited Projects List that are eligible to begin the next step in receiving financial assistance from the DWSRF program. The information provided in this list is similar to the alphabetical and priority order lists; however, the TWDB has determined which project phases are eligible to receive funding during this SFY, which is depicted in the Phase(s) column. The sum of these projects' total costs constitutes a prescribed percentage above the total funds available for the SFY. Projects on this list will receive an invitation letter from the TWDB with the next steps to the application process. Pertinent notes and the definitions of acronyms and footnotes are listed on the last page of the appendix along with a grand total for the projects. The construction only projects on the IPL were determined to be sufficiently prepared to proceed to construction based on the information available for TWDB's review. They either requested only construction phase funding on the PIF and were deemed ready to proceed or were projects that received previous PAD commitments from the TWDB and were deemed ready to proceed to construction.

- **Appendix L** - The Invited Green Projects List is a subset of the Invited Projects List of only projects with green components. The information detailed includes a description of the green components under Project Description, the categories of those green components, the eligible phases of the project to receive funding during the SFY, the total project cost, the total of the green component costs, the type of green project, and whether the proposed project is eligible to receive subsidized green funding. A grand total for the projects is listed on the last page of the appendix along with any pertinent notes and the definitions of acronyms and footnotes.

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Texas Water Development Board
SFY 2015 Drinking Water State Revolving Fund
Intended Use Plan

Appendix A. Sources and Uses of Funds for State Fiscal Year 2015

(As of April 30, 2014)

SOURCES:	
FFY 2014 Federal Capitalization Grant	$63,953,000
State Match - for FFY 2014 Federal Capitalization Grant	$12,790,600
Undrawn previous grants	$187,926,813
State match to be deposited	$8,690,856
Principal Repayments from Existing Loans	$33,390,876
Interest Repayments from Existing Loans	$10,957,820
Investment Earnings on Funds	$241,544
Cash available	$141,942,160
TOTAL SOURCES:	**$459,893,669**
USES:	
Set-Asides from FFY 2014 Grant:	
TWDB Administrative Set-Aside	$2,558,120
Total TWDB Set-Aside:	$2,558,120
TCEQ Small Systems Technical Assistance (SSTA) Program Set-Aside	$1,279,060
TCEQ Texas State Management Program (SMP) Set-Aside	$6,395,300
TCEQ Local Assistance (LA) Set-Aside	$1,500,000
Total TCEQ Set-Asides	$9,174,360
Set-Asides from prior grants	$7,658,749
Projects to be funded:	
SFY 2015 IUP Commitments - Loan Forgiveness (Disadv.,VSS, and Green)-20%	$12,790,600
SFY 2015 IUP Commitments - Loans (Available Amount less Addit. Subsidy)	$237,209,400
Total Projects To Be Funded - SFY 2015:	$250,000,000
Projects already pledged	
Commitments - projects in prior IUP	$119,993,483
Applications - projects in prior IUP	$23,024,718
Installment closings during SFY 2015	$40,527,788
Total Projects Already Pledged or being processed:	$183,545,989
Debt Service:	
Principal Payments	$3,847,168
Interest Payments	$3,109,283
Total Debt Service:	$6,956,451
TOTAL USES:	**$459,893,669**
NET SOURCES (USES):	**$0**

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Appendix B. Rating Criteria

TCEQ Ratings

All TCEQ ratings will be summed then multiplied by 10 before adding effective management and affordability points.

Combined Rating, Health and Compliance, and Primary Compliance Factors

Microbiological Factors	**Points**
The sum of the total coliform MCL violations, total acute coliform MCL violations, and the treatment technique violations (including all exceedances of the 0.5 NTU standard), disregarding one violation.	(TCV=s)+(ACV=s)+(TT)-1
Chronic Chemical	
The compliance result above the MCL for any chronic exposure chemical, divided by the MCL level.	Result/MCL
Acute Chemical	
Three times the compliance result above the MCL for Nitrate or Nitrite, divided by the MCL level.	(Result/MCL) X 3
Carcinogen	
Two times the compliance result above the MCL for any carcinogenic chemical, divided by the MCL level.	(Result/MCL) X 2
Lead/Copper	
Two times the greater of the 90th percentile lead level divided by the lead action level or the 90th percentile copper level divided by the copper action level.	[Greater of (Pb90/0.015) or (Cu90/1.3)] X 2
Filtration	
12 points awarded to any system with one or more sources identified as surface water or groundwater under the direct influence of surface water for which no filtration is provided.	12.00
Groundwater Rule Factor	
Twelve points awarded to any system with one or more sources of water identified as groundwater requiring 4-log viral inactivation for which 4-log inactivation is not provided.	12.00

Population Factor

Added to the sum of the other Primary compliance factors to determine the overall compliance rating.

Population Range	
0-100	0.00
101-1,000	1.00
1,001-10,000	2.00
10,001-100,000	3.00
100,001+	4.00

Secondary Compliance Factors

Secondary Chemical	
One half the compliance result above the MCL for any secondary chemical violation for sulfate, chloride, and total dissolved solids, divided by the MCL level. (Maximum of 1 pt.)	(Result/MCL) X 0.5

Physical Deficiency Factor

A rating based on the confirmed existence of physical deficiencies within the water system. This rating will be used to prioritize systems with no other Health and Compliance Factors or Affordability Factors.

Deficiency:

Pressure <20 psi	1.00	Water Loss >25%	0.25
No disinfection	1.00	Pressure >20 & <35 psi	0.25
Production <85%	0.25	Other Secondary MCLs	0.25
Storage <85%	0.25		

Consolidation Factor

The sum of all factors for each system which will be consolidated. One half the sums of all factors for each system which will be provided wholesale water.

TWDB Ratings

Effective Management

An adopted asset management plan that contains an inventory of assets, an assessment of the criticality and condition of assets, a prioritization of capital projects, and a budget.	1.5
Entity plans to prepare an asset management plan with completion of proposed project	1.00
Providing asset management training for the entities governing body and employees	0.50
Project addresses a specific goal in a water conservation plan	1.00
Project involves the use of reclaimed water	1.00
Project addresses a specific goal in an energy assessment, audit, or optimization study conducted within the past three years	1.00
Project is consistent with a municipal and/or state watershed protection plan, water efficiency plan, integrated water resource management plan, a regional facility plan, regionalization or consolidation plan, or an approved TMDL implementation plan	2.00

Disadvantaged Eligibility

Ten points awarded to any entity that qualifies as a disadvantaged community (see Appendix E for eligibility criteria)	10.00

Tie Breaker

Equal combined rating factors will be ranked in descending order with priority given to least population first.

Appendix C. Source Water Protection Rating Criteria and Process

This program provides loans to assist communities in implementing source water protection best management practices (BMPs) recommended by TCEQ. The TWDB will determine annually the amount of capitalization grant funds to be reserved for source water protection projects and will include this information in the intended use plan, provided however that no more than 10% of any DWSRF capitalization grant can be so reserved. All projects classified as source water protection projects are subject to the requirements established in 31 TAC §371.4 (relating to Other Authorized Activities: Source Water Protection and Technical Assistance) and those set forth in this intended use plan. If funds which have been reserved for source water protection projects are unused after all applicants have been provided an opportunity to submit an application, such funds may be made available for other projects in the DWSRF program.

Rating Process – To be eligible for consideration, PWS must be willing to participate in TCEQ's Source Water Assessment and Protection (SWAP) program. Eligible entities that seek consideration for source water protection funding will be rated according to the following criteria:

a. Groundwater System Vulnerability Factor
   (1) Groundwater systems without the necessary water well geologic protection will receive 4 points.
   (2) Groundwater systems with documented Nitrate (N) concentrations of greater than two mg/l will receive 1 point.
   (3) Groundwater systems obtaining water from selected vulnerable aquifers will receive 1 point.
   (4) Groundwater systems with confirmed detections of organic chemical contamination identified in Table 1 will receive 2 points.
   (5) No groundwater system may receive more than 6 system vulnerability points. Groundwater systems that receive no system vulnerability points will not be considered for source water protection funding.

b. Surface Water System Vulnerability Factor
   (1) Surface water systems with contributing watersheds of 20 square miles or less as determined by TCEQ will receive 3 points.
   (2) Surface water systems with confirmed detections of organic chemical

Table 1.

Organic Chemical Contaminants	
2,4,5-TP	Endrin
2,4-D	Epichlorohydrin
Acrylamide	Ethylbenzene
Alachlor	Glyphosate
Aldicarb	Heptachlor
Aldicarb sulfone	Heptachlor epoxide
Aldicarb sulfoxide	Hexachlorobenzene
Atrazine	Hexachlorocyclopentadiene
Benzene	Lindane
Carbofuran	Methoxychlor
Carbon tetrachloride	Monochlorobenzene
Chlordane	Oxamyl (vydate)
Cyanide	PAHs[Benzo(a)pyrene]
DBCP	PCBs
Dalapon	Pentachlorophenol
Di(ethylhexyl)adipate	Picloram
Di(ethylhexyl)phthalate	Simazine
Dichlorobenzene ortho-	Styrene
Dichlorobenzene para-	TCDD-2,3,7,8 (Dioxin)
Dichloroethane 1,2-	Tetrachloroethylene
Dichloroethylene 1,1-	Toluene
Dichloroethylene cis-1,2-	Toxaphene
Dichloroethylene tran-1,2	Trichlorobenzene 1,2,4-
Dichloromethane	Trichloroethane 1,1,1-
Dichloropropane 1,2-	Trichloroethane 1,1,2-
Dinoseb	Trichloroethylene
Diquat	Vinyl chloride
EDB	Xylene
Endothall	

contamination identified in Table 1 will receive 3 points.

(3) No surface water system may receive more than 6 system vulnerability points. Surface water systems that receive no system vulnerability points will not be considered for source water protection funding.

c. No combination ground and surface water system may receive more than 6 system vulnerability points.

d. Ability to Implement Best Management Practices Factor
   (1) Systems that receive system vulnerability points and that possess the ability and authority to implement land use controls including but not limited to zoning or ordinances, will receive 2 points.
   (2) Systems that receive system vulnerability points and that possess the ability to implement other non-land use controls such as public education, contingency planning, or conducting toxic/hazardous waste collection events will receive 1 point.
   (3) Systems that receive system vulnerability points and that propose to plug abandoned wells within the delineated source water protection area will receive 1 point.
   (4) Systems that receive system vulnerability points and that have confirmed siting or well construction problems listed on the most recent TCEQ sanitary survey will receive 1 point for proposals which will correct these problems.
   (5) Systems that receive no Ability to Implement Best Management Practices points will not be considered for source water protection funding.

e. The total points for Groundwater or Surface Water System Vulnerability and the Ability to Implement Best Management Practices will be summed and multiplied by 10 before adding Affordability Factor points.

f. Disadvantaged Community Eligibility Factor – Ten points awarded to any entity that qualifies as a disadvantaged community (see Appendix F for eligibility criteria)

g. The total source water protection rating score will be the sum of points generated from ground and surface water system vulnerability, ability to implement best management practices and affordability factors.

Appendix D. Disadvantaged Community Eligibility Criteria

TWDB staff determines Disadvantaged Community eligibility. The TWDB's definition of an eligible disadvantaged community for SFY 2014 is based on the requirement in the FFY 2013 Appropriations Act (P.L. 113-6) that requires that not less than 20 percent and not more than 30 percent of the capitalization grant must be used to provide additional subsidy to eligible recipients. The definition of a disadvantaged community is not based on Section 1452(d) of the SDWA. An eligible disadvantaged community consists of all of the following:

1. The service area of an eligible applicant, the service area of a community that is located outside the entity's service area, or a portion within the entity's service area if the proposed project would provide new water or sewer service to existing customers or would provide first-time water and/or sewer service to new customers;
2. Has an inflation-adjusted median household income that is no more than 75% of the adjusted state median household income for the most recent year for which reliable data is available, and
3. If the service area is charged for either water or sewer services, has a household cost factor for either water or sewer rates (whichever is applicable) that is greater than or equal to 1.0%; or, if the service area is charged for both water and sewer services, has a combined household cost factor for water and sewer rates that is greater than or equal to 2.0%.
4. The Board may consider additional, extenuating circumstances to provide financial assistance to an entity that cannot otherwise afford a DWSRF loan.

Individual projects will be reviewed for disadvantaged community eligibility as stand-alone projects. However, if an entity submits an application covering multiple PIFs or multiple applications for multiple PIFs within the State Fiscal Year prior to any receiving a funding commitment, the disadvantaged community eligibility may be re-evaluated based on the combined costs of all the projects.

Annual Median Household Income

There are two methods to determine the adjusted annual median household income.

1. Use the most recent reliable Census Bureau data from the following sources:
   - 5-year American Community Survey (ACS);
   - 3-year ACS;
   - 1-year ACS; or

2. Use data from a survey approved by the Executive Administrator of a statistically acceptable sampling of customers in the service area completed in accordance with the most current Socioeconomic Surveys Guidelines (WRD-285). The Socioeconomic Survey Guidelines are posted on the TWDB web site.

The TWDB reviews the most recent and available ACS data to determine whether it is reliable and accurate using a coefficient of variation (CV). The Census Bureau states that for data to be considered reliable, the CV needs to be less than or equal to 15%. If the data from the most recent ACS is considered unreliable (greater than 15%), then data from a less recent ACS or the 2000 Decennial Census may be used to determine eligibility.

In instances where the ACS data does not adequately reflect an entity's service area (e.g. an entity serves a community outside of its CCN, an entity serves another system, the entity is a system without a Census Bureau defined boundary, etc.), a prorated analysis of ACS block group data will be performed to calculate the adjusted AMHI. An example of this method follows:

The following table is an example of 2000 census tract and block group data within Harris County, Texas.

Prorated US Census Data

A US Census Tract	B Block Group	C 2000 US Census Population	D 2000 US Census AMHI	E 2000 US Census Average Household Size	F Number of Household Connections	G Household Connections as a % of Total Household Connections	H Entity's 2000 Population (CxG)	I Entity's 2000 AMHI (DxG)	J Entity's 2000 Average Household Size (ExG)
2523	1	1,279	$29,712	2.75	30	2.07%	26	$614	0.06
2523	2	5,079	$60,399	3.56	66	4.55%	231	$2,745	0.16
2524	1	4,683	$43,149	3.20	1,000	68.87%	3,225	$29,717	2.20
2524	4	439	$45,781	2.93	356	24.52%	108	$11,225	0.72
Total					**1,452**	**100.00%**	**3,590**	**$44,301**	**3.14**

The annual median household income is then inflation adjusted to the most recent available 12-month Texas Consumer Price Index (CPI) as determined by the TWDB prior to evaluating information submitted on the Disadvantaged Community Worksheet.

Household Cost Factor

The household cost factor is calculated taking into account the entity's average annual water and/or sewer bill, the annual loan cost per customer, and the adjusted annual median household income. The formulas for each are calculated as follows:

Average Annual Water Bill = (Avg. # of persons/household) x (2,325 gallons/person/month) x (Monthly water rate) x (12)

Average Annual Sewer Bill = (Avg. # of persons/household) x (1,279 gallons/person/month) x (Monthly sewer rate) x (12)

$$\text{Household Cost Factor} = \frac{\text{(Average Annual Water Bill) + (Annual Loan Cost)}}{\text{(Adjusted Median Household Income)}}$$

$$\text{Combined Household Cost Factor} = \frac{\text{(Avg. Annual Water Bill) + (Avg. Annual Sewer Bill) + (Annual Loan Cost)}}{\text{(Adjusted Median Household Income)}}$$

For entities that serve retail customers with differing rate structures, prorated rates are used, in some instances, to calculate each entity's household cost factor. The following tables are an example of the method used. The TWDB will require use of prorated rates to determine an entity's water and/or sewer bills when applicable.

Prorated Average Monthly Water Bill

	A Number of Household Connections (HH)	B Percentage of Total HH	C Average Monthly Water Flow	D Average Household Size	E Average Mo. Water Flow / HH (CxD)	F First Tier	G Initial Rate	H Additional Use	I Additional Rate	J Other Changes	K Average Mo. Water Bill (((E-F)/H)xI)+G)	L Prorated Mo. Water Bill (BxK)
Entity A	1,823	33.95%	2,325	2.56	5,952	2,000	$ 14.45	1,000	$ 6.70	$ 2.00	$ 42.93	$ 14.58
Entity B	1,135	21.14%	2,325	2.47	5,743	3,000	$ 23.41	100	$ 0.57	$ -	$ 39.04	$ 8.25
Entity C	1,836	34.20%	2,325	2.78	6,464	3,000	$ 29.85	1,000	$ 6.81	$ -	$ 53.44	$ 18.27
Entity D	575	10.71%	2,325	2.53	5,882	1,500	$ 16.00	1,000	$ 4.00	$ -	$ 33.53	$ 3.59
Totals	**5,369**	**100.00%**							**Average Monthly Water Bill**			**$ 44.69**

Prorated Average Monthly Sewer Bill

	A Number of Household Connections (HH)	B Percentage of Total HH	C Average Monthly Water Flow	D Average Household Size	E Average Mo. Water Flow / HH (CxD)	F First Tier	G Initial Rate	H Additional Use	I Additional Rate	J Other Changes	K Average Mo. Water Bill (((E-F)/H)xI)+G)	L Prorated Mo. Water Bill (BxK)
Entity A	1,823	33.95%	1,279	2.56	3,274	3,000	$ 10.95	1,000	$ 2.25	$ 2.00	$ 13.57	$ 4.61
Entity B	1,135	21.14%	1,279	2.47	3,159	3,000	$ 17.00	100	$ 0.83	$ -	$ 18.32	$ 3.87
Entity C	1,836	34.20%	1,279	2.78	3,556	-	$ 20.79	1	$ -	$ -	$ 20.79	$ 7.11
Entity D	575	10.71%	1,279	2.53	3,236	1,500	$ 10.00	1,000	$ 2.00	$ -	$ 13.47	$ 1.44
Totals	**5,369**	**100.00%**							**Average Monthly Sewer Bill**			**$ 17.03**

If an entity is requesting disadvantaged community status for a portion of its service area, the combined household cost factor is calculated in the same manner as described above with the exception that the annual loan cost per customer is calculated using the total household service connections in the full service area (not the portion).

If taxes, surcharges, or other fees are used to subsidize the water and/or sewer system, the average annual amount per household may be included in calculating the household cost factor or the combined household cost factor.

Subsidy Determination

Communities that are determined to be disadvantaged are eligible to receive a subsidy in the form of loan forgiveness. Any loan origination fee is not calculated on the loan forgiveness portion. The level of disadvantaged subsidy is determined by a points system based on an entity's difference between the minimum required and actual household cost factors.

HCF Difference	Loan Forgiveness
>=0% and <1.5%	30%
>=1.5% and <3%	50%
>=3%	70%

Systems owned and operated by a public school or school district will be evaluated for their adjusted annual median household income for their school district boundary. Since school districts typically do not have individual user costs, a household cost factor calculation cannot be performed. Therefore, districts with an inflation-adjusted AMHI less than or equal to 75% of the state's inflation-adjusted AMHI will automatically receive Disadvantaged Community status with the lowest available level of loan forgiveness.

If recent reliable data is unavailable for the school district to determine the inflation-adjusted AMHI, the TWDB will use information from the Texas Education Agency's (TEA) Title I, Part A program to determine income eligibility. If more than 50% of the school districts campuses are eligible for the program, the district's inflation-adjusted AMHI will be assumed to be less than or equal to 75% of the State's inflation-adjusted AMHI.

Appendix E. Special Grant Conditions

1. Davis-Bacon Act

The TWDB and all DWSRF loan recipients will comply with the requirements of 40 CFR Part 31, the Davis-Bacon Act, and the U.S. Department of Labor's implementing regulations. The Department of Labor provides all pertinent information related to compliance with labor standards, including prevailing wage rates and instructions for reporting. The requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S.C. 300j-9(e)) shall apply to any construction project carried out in whole or in part with DWSRF assistance. All contracts and subcontracts for any construction project carried out by this assistance shall insert in full in any contract or subcontracts in excess of $2,000 the contract clauses found beginning on Page 18 of the document "*Texas Water Development Board Supplemental Contract Conditions and Instructions*" located at: http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0550.pdf.

2. American Iron and Steel (AIS)

The TWDB and all DWSRF loan recipients will comply with the American Iron and Steel (AIS) requirement in section 436 of the Consolidated Appropriations Act, 2014 (Act). The Act requires DWSRF assistance recipients to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, or repair of a public water system or treatment works if the project is funded through an assistance agreement executed beginning January 17, 2014.

The term ''iron and steel products'' means the following products made primarily of iron or steel:

- lined or unlined pipes and fittings
- manhole covers and other municipal castings
- hydrants
- tanks
- flanges, pipe clamps and restraints
- valves
- structural steel
- reinforced precast concrete
- construction materials

EPA may waive the AIS requirement under certain circumstances. The Act specifically exempted projects where engineering plans and specifications were approved by a State agency prior to January 17, 2014. Additional guidance and information is available at http://water.epa.gov/grants_funding/aisrequirement.cfm

3. Compliance with Cross-cutting Authorities

There are a number of federal laws, executive orders, and federal policies that apply to projects and activities receiving federal financial assistance, regardless of whether the federal laws authorizing the assistance make them applicable. These federal authorities are referred to as cross-cutting authorities or cross-cutters. The cross-cutters apply to all projects and activities assisted with DWSRF funds.

The cross-cutters can be divided into three groups: environmental; social policies; and, economic and miscellaneous authorities.

- Environmental cross-cutters include federal laws and executive orders that relate to preservation of historical and archaeological sites, endangered species, wetlands, agricultural land, etc. This cross-cutter requirement includes a National Environmental Policy Act (NEPA) compliant environmental review.
- Social policy cross-cutters include requirements such as minority and women's business enterprise participation goals, equal opportunity employment goals, and nondiscrimination laws. This cross-cutter requirement includes compliance with the EPA's Disadvantaged Business Enterprise program administered by TWDB.
- Economic cross-cutters directly regulate the expenditure of federal funds such as the prohibition against entering into contracts with debarred or suspended firms.

A complete list of cross-cutting guidelines are located at: www.epa.gov/safewater/dwsrf/xcuts.html

4. Financial, Managerial, and Technical (FMT) Capacity

Prior to receiving or closing a commitment, the TCEQ will conduct a review of each applicant's FMT capacity. All applicants must receive FMT approval before closing on financial assistance funding.

5. Additional Subsidies

In accordance with the federal capitalization grant requirements, the TWDB is required to provide a minimum of $12,790,600 in additional subsidization. The TWDB has allocated the additional subsidy as follows:

Funding Option	Additional Subsidy Allocation
Disadvantaged Community	$7,831,305
Subsidized Green	$959,295
Very Small Systems	$2,000,000
Urgent Need	$2,000,000
Total	**$12,790,600**

The TWDB may increase the amount of additional subsidization that is allocated to these four funding options up to a total of $19,185,900, or 30% of the FFY 2014 capitalization grant.

6. Green Project Reserve

The capitalization grant for FFY 2014 states that at the discretion of each State, the capitalization grant may be used for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The TWDB is establishing a goal to allocate an equivalent of 10% of the capitalization grant to approved green project costs. The discretionary allocation is known as the Green Project Reserve (GPR).

To encourage green infrastructure projects, a portion of the additional subsidy will be made available for projects that include green infrastructure. In order to be eligible to receive green subsidy, projects must have approved green project elements with costs that exceed 30% of the total project costs.

Green components include green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. Eligibility for all green projects will be determined by the TWDB.

Projects which do not meet criteria of categorically green are required to produce a business case document. A business case demonstrates that proposed green component benefits have been thoroughly researched and documented. The TWDB utilizes the green project information worksheet (TWDB-0163) as a standard template for business cases. For information on the TWDB's GPR initiative and recently closed business cases, visit http://www.twdb.texas.gov/financial/programs/green/.

Appendix L, "Invited Green Projects", lists invited green projects with project descriptions that detail the green category associated with the project, whether the project is categorically eligible or may require a business case, and how much of the project's total cost is applicable to the GPR.

Information on green project eligibility may be found online at http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0163.docm.

7. Competency Statements

The following competency statements are provided to satisfy the EPA's policy entitled "Policy to Assure Competency of Organizations Generating Environmental Measurement Data under Agency Funded Assistance Agreements."

A. TWDB Competency Statement

TWDB ascertains that competency can be demonstrated by the following:

1. The “TWDB Quality Management Plan,” approved on June 17, 2014 by EPA Region 6 which demonstrates competency by providing a description of the quality policies including all requirements described in EPA QA/R-2.

B. TCEQ Competency Statement

TCEQ ascertains that competency can be demonstrated by the following:

1. EPA approval of the "Quality Assurance Project Plan for the Public Water Supply Supervision Program Relating to the Safe Drinking Water Act of the Texas Commission on Environmental Quality", Revision 11 (QTRAK #14-038), received on November 4, 2013 which is approved through November 4, 2016.
2. The "TCEQ Quality Management Plan, Revision 19 (2014)" (QTRAK# 14-064) approved on February 28, 2014 by EPA Region 6 which demonstrates competency by providing a description of the quality policies including all requirements described in EPA QA/R-2.

8. Compliance with Capacity Development Authority, Capacity Development Strategy and Operator Certification Program

A. Capacity development authority. The State of Texas, through the TCEQ, has the legal authority to ensure that all new community water systems, and new nontransient, noncommunity water systems that commence operations have demonstrated financial, managerial, and technical capacity with respect to national primary drinking water regulations. If DWSRF financial assistance is being provided to the new system, TCEQ conducts and provides to TWDB the results of its Financial, Managerial, and Technical assessment prior to closing on the loan.

B. Capacity development strategy. The State of Texas, through the use of DWSRF set-asides provided to TCEQ, implements a strategy to assist public water systems in acquiring and maintaining financial, managerial, and technical capacity. The TWDB has set aside funds from the FFY 2014 grant for TCEQ to implement a capacity development strategy. TCEQ will use funds from the State Program Management, Small Systems Technical Assistance, and Local Assistance and Other State Programs set-asides to conduct the capacity development activities. The TCEQ demonstrates compliance with the Capacity Development Strategy requirement of the SDWA by annually submitting the Capacity Development Report to EPA. The most recent report was provided to EPA on September 30, 2013.

C. Operator certification program. The State of Texas, through the TCEQ, has a program for certifying operators of community and nontransient, noncommunity public water systems. The TCEQ demonstrates compliance with the Operator Certification Program Provisions by annually submitting an Operator Certifications Program Report to EPA. The most recent report was provided to EPA on October 24, 2013.

Appendix F. Bypass Procedures

If an entity is offered funding for any project that has an interrelated project ranked lower on the list, the Executive Administrator will have discretion to also offer funding for the interrelated project.

The Executive Administrator may decide to bypass, or skip, higher ranked projects in favor of lower ranked projects to ensure that funds available are utilized in a timely manner and that statutory and capitalization grant requirements are met. Reasons for bypassing projects include but are not limited to:

1. **Projects Previously Funded**

   To fund projects that received funding for planning, acquisition and/or design during SFY 2012, 2013, or 2014 and were automatically added to the SFY 2015 PPL and IPL for construction phase funding.

2. **Disadvantaged Communities**

   In the event that there are not enough projects with completed applications eligible to receive Disadvantaged Community funding, the Executive Administrator may bypass other projects to invite additional projects that are eligible for additional subsidization.

3. **Green Project Reserve**

   In the event that there are not enough projects with completed applications eligible to meet the green project reserve goal, the Executive Administrator may bypass other projects to invite additional projects that are eligible for review of their green components and possible funding.

4. **Very Small Systems**

   In the event that there are not enough projects with completed applications eligible to receive Very Small Systems funding, the Executive Administrator may bypass other projects to invite additional projects that are eligible for additional subsidization.

5. **Small Communities**

   A minimum of 15% of the capitalization grant will be made available to systems serving populations less than 10,000. In the event that small community projects with completed applications do not equal 15% of the capitalization grant, the Executive Administrator may bypass other projects to include additional small community projects.

6. Urgent Need

The Executive Administrator may bypass projects to provide Urgent Need funding to replace or rehabilitate essential public water facilities that pose an imminent peril to the public health, safety, environment, or welfare with a threat of failure in response to an urgent condition. Projects will be rated by the TCEQ and added to the PPL as an "Urgent Need" project.

7. Readiness to Proceed

The Executive Administrator may bypass projects to include those deemed ready to proceed to construction.

8. Past Project Performance

If the applicant has failed to close a commitment or complete a project in a timely manner under a prior IUP, and it is determined that such failure to perform could jeopardize the timely use of funds for a project under this IUP, the Executive Administrator may bypass the project.

9. Financial Capacity

A project may be bypassed if the Executive Administrator determines that the applicant will be unable to repay the SRF loan for the project.

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Public Water System													
62	22.80	10756	Abilene	M	TX2210001	116,412	Implement trihalomethane precursor removal and stripping processes at the city's water treatment plant to lower TTHM in the finished water.	PDC	$11,478,000				
46	31.30	10420	Abraxas Corporation	I	TX1840034	537	Construction and installation of filters at each well to remove radium.	PDC	$330,000				
127	10.50	10502	Agua SUD	D	TX1080022	39,747	Installation of 6" and 8" lines by regular trenching and excavation method or pipe bursting technique, whichever is deemed feasible based on the existing water lines.	PDC	$1,065,000	30%			
222	2.00	10791	Alice	M	TX1250001	19,744	This project would add 19 wells along the course of the 20" raw water transmission main and would add approximately 25.36 acre- feet of water/day or 9,257 acre- feet per year to the City's potable water. With the drought the past two years and with increased commercial and industrial development, it is increasingly important to provide additional resources to the City's potable water. This project implements recommended water management strategies in the 2012 State Water Plan.	PAD	$4,694,138				
186	3.50	10820	Alice	M	TX1250001	19,744	Rehabilitation of the 22.5 mile, 20-inch transmission main by slip lining.	PAD	$414,000		Yes-BC	$414,000	
225	2.00	10849	Amarillo	M	TX1880001	190,695	Design phase and construction services of a proposed 36-inch transmission main from the City of Amarillo's Osage Water Treatment Plant south and west to the City of Amarillo's Arden Road Pump Station (approximately 7.63 miles). Project includes additional pump and 2.5 million gallon ground storage tank at the Arden Road Pump Station.	ADC	$18,716,183				9757

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18	79.30	10555	Anahuac	M	TX0360001	2,880	Rehabilitate the surface water treatment plant, construct a raw water holding pond, and replace cast iron water lines. The treatment plant is in poor condition and has been out of service since 2010; water lines were constructed in the late 1940s and 1950s. The City received a notice of enforcement in 2012 from TCEQ for trihalomethane violations	C	$2,700,741				9916
262	0.00	10770	Anahuac	M	TX0360001	2,880	Replace water lines and install fire hydrants.	PADC	$616,965		Yes-BC	$418,965	
258	0.00	10778	Anson	M	TX1270001	2,556	The city plans to re-pipe four clearwells with new piping and valves and provide a by-pass for redundancy which the system does not currently have. The city also plans to provide a building around the clarifier and filter structure. The City of Anson has four 100,000 gallon clearwells at their WTP. The piping and valves between them as well as one of the high service pump structures is over 40 years old. Secondly, the current clarifier and filter structure are exposed to blowing dirt and debris causing turbidity issues in the City's treatment process.	PDC	$1,100,000				
21	73.50	10886	Anthony	M	TX0710001	2,355	Water treatment improvements, including arsenic removal, new tank, replacement of lines, and new meters/pumps	PADC	$5,910,000	30%	Yes-Comb.	$464,500	
118	11.50	10721	Atlanta	M	TX0340001	5,798	Install a new ground storage tank, rehabilitate another ground storage tank, rehabilitate both elevated storage tanks, install new water line with in-line meters, install new high speed pumps, and create an asset management plan.	PDC	$2,752,800	30%	Yes-BC	$578,088	

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22	71.10	10781	Baird	M	TX0300001	1,620	Replace the old water treatment plant with a new 1.0 MGD microfiltration or ultrafiltration water treatment plant. This plant will allow the city to meet TCEQ supply and treatment requirements and it will eliminate the current TCEQ violations. Also, replace the 50 year old cast iron raw water transmission line with a new PVC raw water line. The city has experienced significant water loss due to leaks in the old raw water line.	PDC	$4,850,000		Yes-BC	$456,650	
135	10.00	10908	Bandera Co FWSD # 1	D	TX0100011	847	Emergency construction of a new well, storage & pumping facilities, and lines to tie into the existing system.	PDC	$1,217,958				10064
276	0.00	10487	Bastrop	M	TX0110001	8,836	AMI Meter Project	C	$1,700,000		Yes-BC	$1,043,230	
284	0.00	10830	Beaumont	M	TX1230001	131,000	Extend a 36-inch diameter water transmission line from the Water Plant on Pine Street to the new 2 million gallon elevated storage tank on Dishman Road.	ADC	$9,297,000				9891
105	12.50	10438	Blanket	M	TX0250013	400	Drill two new water wells; replace 2,700 LF of old, leaky water lines and old meters; and construct 1,300 LF of water lines to loop dead ends.	PDC	$800,000		Yes-BC	$320,600	
129	10.00	10630	Bluff Dale WSC	W	TX0720036	300	Installation of a second well that will allow the continual distribution of water.	PADC	$301,020				9892
221	2.00	10801	Borger	M	TX1170001	14,203	Augment existing primary well field into adjacent water rights area owned by City to increase production capacity and dilute water produced by the wells having high chlorides. Increased production will allow the system to operate below the 85% threshold required by TCEQ.	ADC	$35,596,300				
271	0.00	10436	Brady	M	TX1540001	5,324	Extend a 12-inch water main with an 8-inch branch main to loop-in water distribution system to the hospital for improving water capacity and pressure requirements.	ADC	$804,600		Yes-BC	$4,000	

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5	211.10	10783	Brady	M	TX1540001	5,324	Radium reduction groundwater treatment improvements for meeting USEPA Compliance rules for radionuclides in drinking water.	ADC	$9,827,449	50%	Yes-BC	$400,000	9638, 9198, 10157
3	287.80	10825	Bronte	M	TX0410001	977	Four new wells, raw water transmission lines, treatment plant expansion, finished water transmission lines and new standpipe.	PADC	$7,823,960	30%	Yes-CE	$576,000	9840, 9110
185	3.50	10504	Brookesmith SUD	D	TX0250004	9,045	Replace old water lines.	PDC	$2,531,000		Yes-BC	$2,531,000	
277	0.00	10646	Brookesmith SUD	D	TX0250004	9,045	Purchase 3,045 radio read meters to be installed by the Owner. This will allow for less vehicle use and manpower and increased system efficiency through increased meter accuracy reducing water loss.	PDC	$975,000				10319
285	0.00	10609	Brownsville	M	TX0310001	172,437	Construction of new water infrastructure, including main lines and metered service lines. As part of a negotiation with Military Highway Water Supply Corporation (MHWSC), BPUB will be adding water customers currently served by MHWSC from areas in Northwest Brownsville and along US HWY 281 in the Villanueva Colonia area.	C	$1,743,221				
52	26.30	10610	Brownsville	M	TX0310001	172,437	This project will connect an existing 16" waterline with a main to create a loop that would correct pressure problems in the northern area of town. This area has low pressure due to constant population growth without the infrastructure needed to compensate.	C	$279,748				

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53	26.30	10611	Brownsville	M	TX0310001	172,437	This project consists of the installation of a 16" waterline and a 24" waterline that extend the BPUB's water system from a water tank on Martina Road to the Rio Del Sol Subdivision on the most northern end of the City of Brownsville. The purpose of this project is to increase pressures and flows to the distribution lines in the northern areas of Brownsville and to provide new service capabilities from the Martina Rd. Elevated storage tank to the Rio Del Sol Subdivision. The project increases the distribution capacity and addresses chlorine residual concerns to the northeast areas of Brownsville.	PADC	$3,840,448				
160	8.80	10613	Brownsville	M	TX0310001	172,437	This project consists of the installation of a 24" waterline, along Hwy 77 that will loop existing water infrastructure in order to increase pressures and flows to the distribution lines in the northern areas of Brownsville. Due to the constant growth in areas of the northern part of the City of Brownsville, several areas need to be looped in order to increase pressure.	C	$1,079,523				
159	10.00	10734	Brownsville	M	TX0310001	172,437	The implementation of a third phase of leak detection and improvement projects in conjunction with the replacement of aging water meters. Specific project elements include conducting leak detection and improvements over 656 miles of the service area and the replacement of 9,714 water meters that were installed between 2003 and 2005 as part of the BPUB's maintenance program aimed at reducing overall municipal water demand.	C	$1,881,668		Yes-Comb.	$1,881,678	
286	0.00	10817	Brownsville	M	TX0310001	172,437	Update and replace filter media and underdrains. Replace surface wash system and update electrical systems to address excess turbid and aging system.	DC	$4,773,829				

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235	0.50	10539	Brushy Creek MUD	D	TX2460050	582	Complete replacement of the existing interior system. Replacement of the branch transmission line that connects Brushy Bend Park to the source of treated water. Includes construction of a new transmission main for service reliability and creation of an asset management plan.	C	$2,400,000		Yes-BC	$2,400,000	
252	0.00	10642	Buffalo Gap	M	TX2210003	648	Replace approximately 8,200 lf of water line and associated appurtenances.	DC	$400,000				10316
220	2.00	10823	Burnet	M	TX0270001	4,735	Distribution system improvements to address system pressure.	C	$1,343,777	70%	Yes-Comb.	$1,375,000	8480, 9900
11	132.80	10515	Cameron	M	TX1660001	5,500	Treatment plant and distribution system improvements.	PDC	$1,829,000	30%	Yes-BC	$940,000	
269	0.00	10708	Canton	M	TX2340001	5,194	Treatment plant improvements include backup power and head pumps. A new transmission line is also needed to feed a new elevated storage tank.	PDC	$1,805,000				
80	20.00	10500	Carbon	M	TX0670015	272	Pump station improvements to increase the storage and pumping capacities to meet compliance.	PDC	$425,000	50%	Yes-BC	$425,000	
219	2.00	10831	Castroville	M	TX1630005	3,678	Water line replacement project.	DC	$2,373,600				9299, 9899, 9655
153	10.00	10578	Central Bowie County WSC	W	TX0190024	7,512	Create a water line loop along FM 561. The system has difficulty maintaining chlorine residuals because of dead end lines.	C	$88,000				

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224	2.00	10444	Central Texas WSC	W	TX0140161	51,000	Install 49,500 L.F. of water line following Hwy. 95 from Granger to existing line. Install 86,000 L.F. of water line following F.M. Hwy 2095 and Hwy 190 from a new water well near Hanover west to an existing water line. Install pump station and 200,000 gallon ground storage tank at well site, 200,000 gallon ground storage tank at existing water line site in Pettibone. Install pump station at existing site in Pettibone to pump water to Buckholts and Rogers. Recondition existing water well in Buckholts, provide R.O treatment plant and pump station to pump water to Rogers. Install 85,000 L.F. water line from Cameron, extending along Hwy 77 north to existing water line in Rosebud. Water well in Trinity Aquifer and water line to connect to existing. Another water well in Trinity Aquifer to Doc L. Curb water treatment plant.	PADC	$24,825,000				
38	42.90	10855	Central WCID	D	TX0030019	6,576	Water system improvements include replacing asbestos cement distribution lines, well repair and improvement, and new ground storage and pressure tanks. The water system exceeds asbestos Maximum Contaminant Levels, the wells are in poor condition, and the water system does not meet TCEQ requirements for minimum storage capacity.	PDC	$2,023,700				
141	10.00	10810	Clarendon	M	TX0650001	1,974	Replacement of cast iron mains with PVC and construction of an elevated tank	PDC	$2,465,000				

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69	22.00	10784	Colorado City	M	TX1680001	4,281	Drill 14 new water wells east of Colorado City, build new elevated storage tank, and install 14 miles of 8-inch through 16-inch water line from the new wells to the existing supply line. The City has implemented water rationing since summer 2010 in an attempt to keep the city from running out of water. In 2010 the capacities of two wells in the Perkins well field dropped enough that they can no longer be used; the East well field was operated 24 hours a day for 3 consecutive months just to keep up with demand. The city has reached its water supply limit and needs additional wells.	PDC	$10,000,000	30%			
239	0.50	10445	Cottonwood Shores	M	TX0270013	1,515	Upgrade existing 0.5 MGD water treatment plant to 1.0 MGD. Add high service pumps and upgrade raw water pumps and automatic controls at Quarry Site. The City will complete an asset management plan as part of the proposed project.	PDC	$3,816,500		Yes-CE	$75,000	
59	23.00	10442	Cotulla	M	TX1420001	3,614	Install two new wells to supplement water supply and place elevated storage in strategic locations to reinforce pressure delivery. Project also includes water meter replacements, improved grid connectivity and reliability, and miscellaneous transmission loops. An asset management plan will be done sequentially with a hydraulic model already in progress.	PDC	$12,882,290	70%	Yes-BC	$991,650	
108	12.50	10535	Covington	M	TX1090021	660	Install new 50,000 gallon ground storage tank with yard piping and controls. The project will resolve a TCEQ Notice of Violation by reducing significant water loss and providing adequate pressure. The project will increase water pressure to over 35 PSI.	DC	$200,000				
190	3.00	10713	Craft-Turney WSC	W	TX0370016	4,968	New well and treatment plant, ground storage tank, pressure tank, water lines, and asset management plan to address insufficient water supply, storage, pressure, and system looping.	PADC	$2,002,560				10046

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211	2.50	10716	Craft-Turney WSC	W	TX0370016	4,968	Install new automatic meter-reading system and develop asset management plan.	PDC	$1,261,000		Yes-CE	$968,000	10049
234	0.50	10443	Cranfills Gap	M	TX0180013	356	Replace broken and/or malfunctioning water meters within the CCN to prevent water loss and to ensure the safety and well being of customers. This will also result in water efficiency. The City intends to prepare their Asset Management plan with assistance from TCEQ's Financial, Managerial, & Technical contractor.	DC	$164,600		Yes-BC	$164,600	
238	0.50	10621	Cushing	M	TX1740001	1,236	New 100,000 gallon elevated storage tank and pump station are needed to replace aging infrastructure that is in poor condition. An asset management plan will also be designed and implemented to coordinate future infrastructure needs.	PADC	$1,341,430		Yes-BC	$300,000	10036
16	82.50	10889	Cyndie Park II WSC	W	TX1780050	66	Upgrade the water system with a new chlorine system; new well and well meter; replacement water storage tank and accessories; and preparation of a drought contingency plan, plant operations manual, and monitoring plan. The water system currently lacks appropriate chlorination facilities and their water has exceeded allowed levels for arsenic, total dissolved solids, and chloride, as well as numerous other violations.	PDC	$1,484,000	70%	Yes-BC	$30,000	
191	3.00	10623	D & M WSC	W	TX1740010	5,742	Install new well, high service pump station, a pressure tank, and ground storage tank to alleviate insufficient water and storage capacity. This project will also design and implement an Asset Management Plan.	PDC	$1,389,764				10038
192	3.00	10625	D & M WSC	W	TX1740010	5,742	Install new well and pumps, and rehabilitate the existing well and ground storage tank to alleviate insufficient water and storage capacity and low water pressure.	PDC	$1,145,750		Yes-BC	$50,000	10040
8	145.00	10512	D Bar B Water & WW SC	W	TX0570082	219	Evaluate alternatives and implement solution that may include either additional filtration at existing source, a new well to PWS standards, or possible interconnection.	PDC	$200,000				

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257	0.00	10461	Daingerfield	M	TX1720001	2,359	Replace current meters with radio read meters and install electronic computer programming to process in-house.	PDC	$851,104		Yes-BC	$731,150	
81	20.00	10723	Dell City	M	TX1150001	405	Install new Reverse Osmosis water treatment facility. Currently, Dell City has an osmotic system that is outdated and is no longer in use. Due to the age of the system, replacement parts are difficult to locate.	PADC	$1,129,275	70%			
77	20.00	10890	Derby WSC	W	TX0820016	51	Upgrade the water system including new chlorine system, well repair and well meter replacement, replace water storage tank and accessories, prepare monitoring plan, prepare drought contingency plan, and prepare plant operations manual. These improvements are needed to meet TCEQ regulations and correct chlorination deficiencies.	PDC	$194,000	50%	Yes-BC	$10,000	10058
268	0.00	10690	Dilley	M	TX0820001	5,186	Install a new water well, treatment, ground storage, elevated storage, high service pumps, and pipelines to replace old well/pump and other deficiencies.	PADC	$4,800,000				
27	56.00	10465	Donna	M	TX1080002	15,000	Increase treatment capacity to 6.0 MGD and upgrade/rehabilitate existing treatment structures.	PDC	$4,600,000	30%			
30	50.00	10632	Donna	M	TX1080002	15,000	New raw water pre-treatment basin will allow existing WTP to provide raw water for treatment when the local irrigation district has problems with pumping/canals & would provide pre- settlement of water prior to treatment. City is currently adding an inordinate amount of chemicals to settle raw water, causing the water to become extremely corrosive, subsequently causing plant mechanism deterioration. City is already spending an inordinate amount of money replacing clarifier mechanisms.	C	$3,175,000	30%			10179

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47	31.30	10495	Dublin	M	TX0720001	3,714	The City of Dublin has identified 6 locations where there are leaking, uncased water lines crossing under the railroad tracks. This project includes replacing these 6 leaking water lines by boring under the railroad. The project also includes replacing other old, leaking water lines in the distribution system. The City's existing elevated storage tank is in need of repair, so it is proposed to rehabilitate the existing elevated tank. It is also proposed to construct a new 250,000 gallon elevated storage tank to provide additional elevated storage. To supplement the City's water supply, it is proposed to drill a new secondary supply well. It is also proposed to construct a pressure tank at an existing water well. Also, it is proposed to make improvements to the City's disinfection system.	PADC	$5,420,000		Yes-BC	$1,626,000	
70	22.00	10795	Eagle Pass	M	TX1620001	35,826	Replacement of undersized water lines.	PDC	$64,319,125	30%	Yes-BC	$5,130,055	9621
4	236.40	10873	East Lake Buchanan Regional WS	I		-	Corix proposes to construct a regional surface water treatment plant (0.5 MGD initial phase) along with 90,000 gallon regional storage tank, intake structure, raw water pipeline and regional transmission mains to connect adjacent groundwater systems experiencing similar radionuclide issue.	PADC	$7,022,000		Yes-BC	$607,200	
114	12.50	10574	East Rio Hondo WSC	W	TX0310096	18,996	Emergency funds requested to establish another delivery source from the Rio Grande River. The Cameron County Irrigation District #6 has an existing canal/resaca that is approximately 1/2 mile west of the ERHWSC's largest WTP. Project will include a raw water pump station and a 30-inch transmission line to the existing plant.	PDC	$1,905,745	30%			10284, 10302

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156	10.00	10575	East Rio Hondo WSC	W	TX0310096	18,996	Emergency funding to increase the flow of water between the east and west portions of the distribution system through installation of a new 16-inch PVC trunk line. ERHWSC is currently pursuing construction of a second well at the North Cameron Regional Water Plant to double current plant capacity. This new distribution trunk line would allow full utilization of that additional capacity.	PDC	$1,139,288	30%			10287, 10303
126	10.50	10627	East Rio Hondo WSC	W	TX0310096	18,996	Installation of three 100 kW wind turbines and 45 solar power LED lights to offset the electrical demand for the water plants, and thirteen 1-kW hybrid green power sources to power the SCADA system and Automated Meter Reading (AMR) network. This system will increase the reliability and security of the water system.	PDC	$7,273,968	30%	Yes-CE	$7,220,101	
96	13.50	10712	East Rio Hondo WSC	W	TX0310096	18,996	New raw water pump station and transmission line to establish a new connection to an irrigation district. The new source is needed to replace the current source which is expected to run out in mid-2013. This project is needed to avert potential disaster due to ongoing extreme drought. Auto-read water meters with leak detection are also needed to replace current meters.	PADC	$7,375,548	30%	Yes-CE	$5,384,150	
74	21.00	10463	Eastland	M	TX0670002	3,960	The proposed project will include the installation of new water lines to eliminate leaks and reduce water loss. Refer to Section II for detailed project description.	PDC	$982,900	30%	Yes-BC	$918,900	

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261	0.00	10607	Edcouch	M	TX1080003	2,878	Replacing the existing water meters with Automatic Meter Reading (AMR) technology, cutting many costs for the City. With the new meters the City will be able to quickly identify water line problems from the central metering program located at the corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis. Planning of an asset management plan will take place as well.	PDC	$633,106		Yes-CE	$633,106	
41	36.50	10479	Eden	M	TX0480001	2,766	Construction of a desalination system to be installed at the City's new WTP. Replacement of multiple water lines throughout the City to reduce water losses. Complete required upgrades to the City's existing groundwater wells.	PDC	$6,732,000		Yes-BC	$3,865,000	
94	13.50	10746	Eden	M	TX0480001	2,807	Construction of a desalination system to be installed at the City's new water treatment plant. The City is in noncompliance of secondary standards for its groundwater supply, primarily for Total Dissolved Solids and chloride. Both concentrations in the City's groundwater violates the Maximum Contaminant Levels	PDC	$2,631,000		Yes-BC	$326,795	
155	10.00	10884	El Campo	M	TX2410002	13,200	The City of El Campo intends to replace the existing asbestos cement and cast iron 6-inch water lines beneath US Hwy 71 with a new 12-inch PVC line to be located behind the curb and outside the TxDOT maintained pavement. The existing 6-inch line is undersized and experiences frequent leaks causing TxDOT pavement failures and traffic congestion on Hwy 71. In addition to the longitudinal line replacement, the City will replace all lateral lines, valves, and services beneath Hwy 71. These lateral lines range in size from 2 to 10 inches. In addition, all fire hydrants, valves and leads will be replaced along the route.	PADC	$4,025,000				

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227	2.00	10521	El Paso PSB	M	TX0710002	631,253	The proposed expansion will increase treatment capacity from 60 to 80 mgd allowing El Paso Water Utilities to divert and treat additional surface water from the Rio Grande Project when available (typically during the irrigation season). Optimizing their existing water rights increases the utility's diversified water supply portfolio through expanded conjunctive management of various water supply sources.	ADC	$70,000,000		Yes-BC	$16,913,038	
228	2.00	10525	El Paso PSB	M	TX0710002	631,253	The project is a groundwater importation and source water protection project for EPWU. The project includes planning, land acquisition, design, and construction of production, treatment, and transmission facilities to pump at least 20,000 acre-feet of groundwater per year from the 47,000 acre Hueco Ranch. Water from the area will be delivered into an existing EPWU transmission pipeline on the east side of El Paso. Hueco Ranch is located approximately 20 miles east of El Paso. Source water protection will be applied to the entire ranch which provides runoff and recharge to the groundwater.	PA	$94,700,000				10532
90	15.00	10498	El Sauz WSC	W	TX2140028	1,110	The proposed project will provide first time water 8 service to (3) Colonias with no existing water service. Approximately 400 families will be provided with first time water service and an additional 500 existing customers will also benefit from the proposed improvements. Improvements consist of the construction of two deep wells, one 150,000 gallon elevated storage tank, approximately 275,000 L.F. of 8" & 6" diameter PVC water mains and the adoption of an asset management plan.	PADC	$8,979,000	70%			

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138	10.00	10499	El Sauz WSC	W	TX2140028	1,110	The proposed project will involve replacing the existing water meters with automatic meter-reading technology, cutting many costs for the Corporation. With the new meters the Corporation will be able to quickly identify waterline problems from the central metering program located at the Corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis.	DC	$348,750	50%			
67	22.50	10474	Electra	M	TX2430002	2,896	Due to the prolonged drought and diminishing supplies throughout the state as well as the Cities of Iowa Park and Wichita Falls, Electra is proposing to rehabilitate their abandoned well field as well as rehabilitate their existing filtration water treatment plant equipment. A transmission line to transport this water to their purchased water storage tank for blending is also proposed.	PADC	$2,340,000	30%			
82	20.00	10481	Elkhart	M	TX0010005	1,497	Install a new water well and pump to help alleviate insufficient water supply and low pressure. The project will also include plugging an abandoned/non-functioning water well.	PADC	$3,679,200	50%			
273	0.00	10682	Elsa	M	TX1080005	6,000	Water treatment plant improvements, including chlorination, lagoon pumping/piping, and storage tank repair.	PDC	$1,420,750		Yes-BC	$47,000	
209	2.50	10411	Etoile WSC	W	TX1740011	2,502	Filter out organics reacting with chlorine to keep disinfection byproducts to a minimum and reduce the amount of water needed to waste (ABOUT 50%-70%).	PADC	$2,276,435				
180	4.00	10472	Euless	M	TX2200031	51,200	The project will extend the existing City of Euless Reclaimed Water System, which currently serves a golf course and athletic fields. An expansion of the reclaimed water system will serve apartment complexes and developments along Bear Creek Parkway. Phase 1 of the expansion is currently under construction. This project would fund Phase 2 of the expansion.	PADC	$2,502,000		Yes-CE	$2,502,000	

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175	5.00	10519	Evant	M	TX0500015	390	In order to address TCEQ Agreed Order and meet minimum TCEQ standards, the city must replace antiquated and leaking water distribution pipeline to eliminate severe water loss and lack of pressure. The City will install 560 LF of 6-inch and 1575 LF of 8-inch water pipeline.	DC	$200,000		Yes-BC	$200,000	
42	35.50	10523	Falcon Rural WSC	W	TX2140003	2,500	Install new water lines to eliminate leaks and reduce water loss.	PDC	$2,040,000	30%	Yes-BC	$2,040,000	
123	10.50	10731	Falcon Rural WSC	W	TX2140003	2,500	Replacing the existing water meters with Automatic Meter Reading (AMR) technology, cutting many costs for the corporation. With the new meters the corporation will be able to quickly identify waterline problems from the central metering program located at the corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis. P of an asset management plan will take place as well.	DC	$854,830	30%	Yes-CE	$854,829	
187	3.00	10393	Fayetteville	M	TX0750001	279	This project includes installation of a new water well and development & adoption of an asset management plan.	DC	$368,500				
143	10.00	10455	George West	M	TX1490001	2,524	Replace undersized water lines to meet TCEQ regulations on the maximum number of connections allowed. Project also includes upgrades to the water treatment plant.	PDC	$1,395,713	30%			
10	141.20	10782	Gorman	M	TX0670003	1,236	Drill new water well and build a new 100,000 elevated tank to replace an existing 75,000 gallon elevated tank which has lead based paint and is in a state of disrepair. Additional water is needed for new connection requests from the City of Desdemona.	PADC	$2,100,000	50%			
133	10.00	10796	Graford	M	TX1820003	578	Replace existing old, deteriorated and leaking water lines.	PDC	$430,000		Yes-BC	$430,000	
154	10.00	10753	Graham	M	TX2520001	8,716	Increase plant storage capacity from 1 MG to 2 MG to meet minimum capacity requirements	PC	$1,930,500				

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45	32.30	10754	Graham	M	TX2520001	8,716	Plant expansion and rehabilitation to provide 10 MGD of capacity. Increase pumping capacity and plant storage capacity. Install transmission line & replace aging lines. These improvements will bring system into TCEQ compliance.	PC	$16,600,000		Yes-BC	$1,500,000	
48	30.00	10755	Graham	M	TX2520001	8,716	Water transmission line from water treatment plant.	C	$11,900,000				
75	21.00	10853	Graham	M	TX2520001	8,716	Install additional transmission line from plant to distribution system and replace aging lines.	PDC	$1,893,000				
184	3.50	10569	Grand Saline	M	TX2340003	3,028	This project will reduce water loss by replacing old, malfunctioning water meters with new automatic meter reading system.	PDC	$470,000		Yes-CE	$470,000	
95	13.50	10735	Grand Saline	M	TX2340003	3,028	Replacement of aged, deteriorated water lines and inoperable valves with a history of problems, and the development of an Asset Management Program.	PADC	$2,172,000	30%	Yes-BC	$695,500	
259	0.00	10650	Greater Texoma UA	W	TX0490016	2,670	Replace all asbestos cement pipe with polyethylene pipe and provide distribution system with needed storage.	PDC	$3,325,183				
264	0.00	10742	Greater Texoma UA	M	TX0910009	3,046	Upgrade disinfection system.	PDC	$156,479				
218	2.00	10771	Greater Texoma UA	M	TX0910009	3,046	Replacement of water lines.	PDC	$1,080,685		Yes-BC	$1,080,685	
71	22.00	10805	Greater Texoma UA	M	TX0910006	38,690	Replacement of 3,500 lf of existing 12 inch water main on the west side of Texoma Highway.	PDC	$400,978		Yes-BC	$400,978	
215	2.00	10854	Greater Texoma UA	M	TX0910001	1,941	Drill and complete a new 300 gpm "Paluxy" formation water supply replacement well.	PADC	$1,207,824				
260	0.00	10856	Greater Texoma UA	W	TX0490016	2,670	Replace 20 miles of old asbestos cement pipe that is in poor condition.	PDC	$8,591,688		Yes-BC	$8,591,688	
217	2.00	10857	Greater Texoma UA	W	TX0490016	2,670	Drill a supplemental well.	PDC	$1,188,265				
265	0.00	10883	Greater Texoma UA	M	TX0910009	3,046	Connect to the Collin-Grayson Municipal Alliance distribution system.	C	$3,286,064				
35	44.00	10933	Greenbelt MIWA	D	TX0650013	12,789	A wellfield, supplying up to 3 MGD, will be constructed on the North Ogallala Aquifer. This wellfield will be connected to the GMIWA treatment plant with a new, 16-inch pipeline approximately 15-miles long.	ADC	$10,000,000	30%			10095

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210	2.50	10762	Groesbeck	M	TX1470002	4,296	Acquire an off channel rock quarry to use as an additional water source. The City will construct a new pump station and pipeline in order to transmit the water from the quarry to Lake Groesbeck. Will also complete an asset management plan.	PDC	$10,252,000				
92	14.50	10403	Groveton	M	TX2280001	1,578	Construct water well and transmission main to supplement the current water supply, which is seasonally inadequate for current demand, specifically during drought conditions.	PADC	$2,195,000				
131	10.00	10477	Gustine	M	TX0470003	442	Replace ground storage tank.	PDC	$257,000	30%			
251	0.00	10785	Gustine	M	TX0470003	442	Rehabilitate existing 30,000 gallon storage tank.	PDC	$142,000		Yes-BC	$142,000	
55	26.00	10905	Harris Co FWSD # 1A	D	TX1010082	1,854	Replace distribution system in four phases and rehabilitate elevated storage tanks (EST). The entire distribution system is original, exceeding 50 years in age. A significant amount of the distribution system is steel petroleum industry pipe that was provided by area refineries. The line sizes do not meet the current state criteria and do not offer fire protection in most areas of the district. Both EST's have been cited by the TCEQ for Notice of Violations for the maintenance issues requiring significant repair and recoating.	PDC	$7,107,360	70%	Yes-BC	$5,685,888	10293
167	6.00	10516	Harris Co FWSD # 47	D	TX1010260	5,000	Replace old waterline with Class 150 C-900 PVC utilizing the most cost efficient construction method considering open-trench replacement and horizontal directional drilling. Installing a automatic water metering system will also help the District identify leaks more readily, increasing water efficiency.	PDC	$5,581,670		Yes-BC	$5,581,670	
111	12.50	10491	Harris Co MUD # 50	D	TX1010719	3,594	This project proposes to complete a detailed inspection of the Crosby-Lynchburg water plant as well as design and construct improvements to the Crosby-Lynchburg water plant, the St. Charles water plant, and increase the distribution system line size in two locations.	DC	$3,448,033	30%			

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148	10.00	10493	Harris Co MUD # 50	D	TX1010719	3,594	Design and construct a treated surface water line from Baytown Area Water Authority to the District, and related system improvements.	DC	$8,470,693	50%			
179	4.00	10736	Harris Co MUD # 148	D	TX1010938	3,141	Replacement of aged, deteriorated water lines and inoperable valves with a history of problems and the development of an Asset Management Program.	PDC	$1,001,000		Yes-BC	$966,000	
93	14.00	10672	Harris Co WCID # 36	D	TX1010239	12,432	Water line replacement and rehabilitation along with upgrades to water pumping facilities to prevent water loss and improve efficiencies.	PDC	$5,000,000	70%	Yes-BC	$876,200	
274	0.00	10397	Harris Co WCID # 89	D	TX1012370	6,666	The proposed project includes removal and replacement of the existing ground storage tank, rehabilitation of on-site hydropneumatic tanks, modifications and improvements to existing booster pump building, and rehabilitation of yard piping.	DC	$1,130,000				
267	0.00	10867	Haskell	M	TX1040001	3,141	Three public water supply wells and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PADC	$1,400,000				10330
103	12.50	10866	Hazy Hills WSC	I	TX2270091	219	Drill a new well to meet TCEQ pumping capacity requirements.	P	$94,000				
119	11.00	10799	Hico	M	TX0970002	1,379	Replacement of waterlines, deteriorated ground storage tank and aging water meters to address low water pressure issues.	PDC	$3,031,785	50%	Yes-BC	$3,100,000	9890
253	0.00	10882	Holly Huff WSC	W	TX1210004	729	Drill new 200 GPM well.	PDC	$200,000				
113	12.50	10832	Hondo	M	TX1630002	11,165	The proposed project will replace approximately 4.5 miles of aging water line to reduce water loss. Also replace the City's North Elevated Storage Tank (EST); rehabilitate the City Yard EST and Golf Course GST; and demolish the Spatz Road GST and high service pump station.	PDC	$4,520,000				9377, 9378, 10248
65	22.50	10828	Honey Grove	M	TX0740003	2,280	Distribution improvements.	PDC	$275,000	30%			9222
56	26.00	10395	Houston	M	TX1010013	2,099,000	Replace aged water distribution lines with new plastic pipe.	C	$21,932,900		Yes-BC	$21,932,900	
168	6.00	10396	Houston	M	TX1010013	2,099,000	Install automatic meter reading devices to lower personnel and fuel costs and emissions.	C	$715,000		Yes-BC	$715,000	

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169	6.00	10400	Houston	M	TX1010013	2,099,000	Replace water meters that have exceeded their useful life.	C	$3,300,000		Yes-BC	$3,300,000	
170	5.50	10804	Houston	M	TX1010013	2,099,000	Evaluate electrical systems & install redundant electrical power. Rehab or replace distribution pumps, motors, valves and piping at various facilities. Make improvements as necessary at Re-Pump Stations in order to provide efficient and reliable water service. Ground Water Facilities and Re-Pump Stations have electrical, pumping, and piping deficiencies, which are causing the system to be inefficient and unreliable.	C	$8,800,000				
171	5.50	10806	Houston	M	TX1010013	2,099,000	Evaluate electrical systems & correct necessary deficiencies. Rehab or replace distribution pumps, motors, valves and piping at various facilities. Make improvements as necessary at Pump Stations in order to provide efficient and reliable water service. Pump Stations have electrical, pumping, and piping deficiencies, which are causing the system to be inefficient and unreliable.	C	$5,500,000				
193	3.00	10807	Houston	M	TX1010013	2,099,000	Rehabilitate existing tanks, including replacement of cone roof, roof rafters, interior columns and supports with prefabricated aluminum dome roof structure. Install new appurtenances. Apply protective coating. Install new tank as necessary. Water storage tanks are in deteriorated condition.	C	$8,800,000				
194	3.00	10808	Houston	M	TX1010013	2,099,000	Rehabilitate ground water wells. Ground water wells are experiencing decreased production capacity.	C	$6,600,000				
195	3.00	10811	Houston	M	TX1010013	2,099,000	Drill a replacement ground water well within the same easement area. Ground water wells have reached the end of their useful life and are unable to be rehabilitated further.	C	$8,250,000				

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196	3.00	10814	Houston	M	TX1010013	2,099,000	Add thickened sludge holding tank for Plant 1 & 2. Install sludge collection system for surge basin. Separate Plant 1 & 2 thickened sludge flow from Plant 3 unthickened flow to increase sludge percentage into sludge dewatering facilities. Increase volume for surge basin backwash. Sludge thickening is inefficient and filtration operations are unreliable. Polymer dosage for dewatering process is high.	C	$12,650,000				
197	3.00	10815	Houston	M	TX1010013	2,099,000	Install bulk storage tanks for lime, caustic, aluminum sulfate, powder activated carbon & ammonia. Rehab chemical feed system. Modify chemical loading & unloading areas. Chemical storage capacity is inadequate and unreliable at East Water Purification Plant No. 1.	C	$9,735,000				
198	3.00	10816	Houston	M	TX1010013	2,099,000	Rehab or replace switchgears at East Water Purification Plant No. 3. Switchgears at East Water Purification Plant No. 3 are old and near failure. This is a critical component for the safe operation of the plant.	C	$8,250,000				
72	21.30	10871	Howard WSC	W	TX0700054	90	Interconnection to purchase water from Nash Forreston WSC.	PADC	$250,000				
232	0.50	10691	Jarrell	M	TX2460169	10	DWSRF funds will allow the City of Jarrell to purchase a nearby water system.	PA	$2,150,000				
116	11.50	10717	Jefferson	M	TX1580001	1,935	Rehabilitate 3 storage tanks, install a pressure tank, mixer, and generator. Create an asset management plan to address degrading storage, lack of elevated storage in 2nd pressure plane, and the lack of water changeover in the standpipe	PDC	$1,593,000	30%	Yes-BC	$1,115,000	10050
117	11.50	10719	Jefferson	M	TX1580001	1,935	Replace water lines and create an asset management plan to address the aged and degraded system.	PDC	$3,583,080	30%	Yes-BC	$3,558,080	10052
132	10.00	10676	Kendleton	M	TX0790018	499	Water system line replacements, water line extensions to unserved areas and water meter replacement.	DC	$1,039,900	30%	Yes-BC	$30,000	
249	0.00	10394	Kenedy County	C	TX1310001	250	The project includes installation of meters and rehabilitation of an elevated storage tank.	PDC	$720,000				

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137	10.00	10766	Knox City	M	TX1380002	1,014	Three public water supply wells and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PDC	$1,250,000				10321
206	2.50	10803	Kosse	M	TX1470003	497	Drill two wells, construct a water plant, pressure/pumping facilities, and storage facilities, and distribution lines to remove dependency from WSC. The City purchases water from Tri-CountyWSC which contains arsenic.	PADC	$2,476,000				
87	16.90	10702	La Feria	M	TX0310003	7,149	Build a new water desalination plant to treat brackish and salt water. Due to exceptional drought conditions new water sources are needed to meet the community's demands. An emergency disaster proclamation has been issued by the Governor of Texas due to prolonged historic drought conditions.	PDC	$6,092,920	30%			
275	0.00	10726	La Grulla	M	TX2140006	6,693	The proposed project will involve replacing the existing water meters with automatic meter-reading technology, cutting many costs for the City. With the new meters the City will be able to quickly identify waterline problems from the central metering program located at the city office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis.	PDC	$1,578,259		Yes-CE	$1,578,259	
145	10.00	10750	La Joya	M	TX1080213	3,046	Installation of 32,811 feet of 8" PVC pipe, an 8" gate valve, a 4" fire hydrant valve, and a 2" flush valve are needed to alleviate inadequate water pressure. Also an Advanced meter reading infrastructure (AMI) system with leak detection will be installed throughout the potable water distribution system.	PDC	$3,102,414	30%	Yes-BC	$988,848	

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146	10.00	10896	La Joya	M	TX1080213	3,046	Expand water treatment plant to alleviate inadequate water treatment capacity, install a new SCADA system, and install green power infrastructure including two 1OOKW wind turbines and 11 solar LED lights. These units will provide cost savings and reduce the utility's carbon footprint. The SCADA system will combine health monitoring and automatic meter-reading equipment with advanced power systems monitoring, physical security, and network cyber security.	C	$6,469,080	30%	Yes-BC	$2,450,000	
39	42.00	10483	La Salle Landing WSC	P	TX1200008	111	Install Oxidation filter to concurrently remove iron and arsenic, install new main water line, install customer meters, install new service lines, install ground storage to allow backwash of filter, and create an asset management plan.	PDC	$441,600				
139	10.00	10517	La Villa	M	TX1080023	1,500	The proposed project will include pump replacement and upgrades. A new elevated tank is included in the project.	PADC	$4,738,269	50%	Yes-BC	$312,000	
43	32.50	10906	Ladonia	M	TX0740004	1,008	Install new water distribution lines to address water loss of 30% associated with aging asbestos-cement lines. Rehabilitate existing elevated storage tank and recoat to address excessive rusting.	C	$2,362,100	50%			
214	2.00	10829	Lake Palo Pinto Area WSC	M	TX0470001	1,584	Surface water treatment plant expansion, booster disinfection, and new elevated storage tank.	C	$1,624,060		Yes-BC	$883,440	9490, 9897, 9648, 10230
17	82.00	10418	Lake Texoma VFW Post 7873	I	TX0910086	270	Radium removal from well water.	PADC	$830,000				
226	2.00	10412	Laredo	M	TX2400001	199,715	This project will help to reduce the number of water line breaks; decrease the possibility of contamination of the water distribution system; reduce the amount of unaccounted water losses; lowers the amount of water used per capita per day; and decrease the peak and average flows of the water treatment plants.	C	$5,455,000		Yes-BC	$5,455,000	
287	0.00	10413	Laredo	M	TX2400001	199,715	24" waterline along IH-35.	C	$3,046,418				

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288	0.00	10415	Laredo	M	TX2400001	199,715	24" water transmission line along US-59.	C	$2,680,079				
289	0.00	10416	Laredo	M	TX2400001	199,715	24" waterline west side of Loop 20 (Casa Verde Rd.).	C	$4,600,000				
290	0.00	10417	Laredo	M	TX2400001	199,715	24" waterline west side of IH-35.	C	$6,820,000				
231	1.00	10643	Laredo	M	TX2400001	199,715	The system will lower its losses from 11% to 10% through installation of radio read meters.	C	$11,701,058				10315
200	2.50	10564	Lass Water Company	I	TX1011459	48	Install pressure tank to comply with TCEQ pressure and capacity rules.	PC	$23,000				
173	5.00	10618	Lass Water Company	I	TX1013143	23	Install pressure tank and replace well to resolve system deficiencies.	PC	$54,000				
201	2.50	10619	Lass Water Company	I	TX1160097	93	Install water pressure tank and replace well to resolve system deficiencies.	PC	$120,000				
128	10.00	10639	Lass Water Company	I	TX1250033	111	Construct new well, ground storage tank, and booster pump to alleviate deficiencies and come into compliance with TCEQ capacity rules.	PC	$195,000				
247	0.00	10667	Lass Water Company	P	TX1250039	120	Install ground storage tank and booster pump to resolve system deficiencies.	PC	$128,000				
202	2.50	10669	Lass Water Company	I	TX0610016	195	Install well, ground storage tank, and booster pump to resolve system deficiencies.	PC	$97,500				
174	5.00	10684	Lass Water Company	I	TX1013097	33	Install water pressure tank and replace well.	PC	$54,000				
91	15.00	10685	Lass Water Company	I	TX2200117	7,347	Replace well to resolve system deficiencies.	PC	$89,000				
104	12.50	10865	Lass Water Company	P	TX2490049	315	Replace well to comply with TCEQ pressure, capacity, and contaminant rules.	PDC	$89,000				
79	20.00	10880	Lass Water Company	I	TX1250033	111	Upgrade the water system including new chlorine system, well meter replacements and repairs, replace water storage tank and accessories, prepare monitoring plan, prepare drought contingency plan, and prepare plant operations manual. These improvements are needed to meet TCEQ regulations and correct chlorination deficiencies.	PDC	$954,000	70%	Yes-CE	$50,000	10085
58	25.00	10887	Lass Water Company	I	TX0910143	201	Replace well to address system deficiencies.	PC	$89,000				
248	0.00	10888	Lass Water Company	I	TX0610016	195	Install water meters to address system deficiencies.	C	$26,400				

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12	111.10	10601	Lawn	M	TX2210005	927	Abandon WTP and construct new treated water supply; build taller standpipe; replace old and deteriorated water lines.	PADC	$4,889,400	70%			9625
278	0.00	10560	Liberty	M	TX1460003	9,729	Well field rehabilitation including possible replacement of well, distribution pumps, and ground storage tank. The only two functioning wells are overworked and showing signs of loss.	PDC	$1,447,300				
279	0.00	10561	Liberty	M	TX1460003	9,729	Construct a 150,000 gallon elevated storage tank to remedy low water pressure in the Northeast service area.	PADC	$1,275,600				
280	0.00	10562	Liberty	M	TX1460003	9,729	Construct new well, ground storage tank, and pumps to supplement existing malfunctioning well that produces low quality water.	PDC	$2,345,200				
188	3.00	10624	Lilbert-Looneyville WSC	W	TX1740013	618	New well, 30,000 gal. GST, pressure tank, and asset management plan to increase water supply and pressure.	PDC	$969,314		Yes-BC	$175,000	10039
236	0.50	10628	Lilbert-Looneyville WSC	W	TX1740013	618	Install 6-inch lines system-wide and an asset management plan to address system deficiencies & provide looping.	PDC	$1,004,783				10043
237	0.50	10709	Lilbert-Looneyville WSC	W	TX1740013	618	Install new water lines to replace deteriorating lines, line looping, and establish an asset management plan to address system deficiencies.	PDC	$985,609				10033
64	22.50	10581	Linden	M	TX0340004	1,974	Construct a new well with a chlorination system and ground storage, construct a new 100,000 gallon elevated storage tank, construct water lines from Well No. 6 to the elevated storage tanks, update the supervisory control and data acquisition (SCADA) system at all well and storage locations, and rehabilitate two elevated and one ground storage tank.	PADC	$2,202,950	30%			
14	85.30	10822	Live Oak Hills Subdivision	I	TX1540012	60	Install a radium removal system with plumbing and a building to house it.	C	$100,000				9888

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147	10.00	10507	Llano	M	TX1500001	3,232	The proposed project would provide an alternative source of groundwater from the Hickory aquifer (near the town of Valley Springs) to supplement the City's water needs, particularly during drought conditions when flow in the Llano River becomes drastically reduced.	PADC	$10,868,500	50%			
136	10.00	10792	Lone Oak	M	TX1160006	900	Construction of new water plant and replacement of distribution lines.	PADC	$1,500,000	50%	Yes-BC	$150,000	
60	23.00	10904	Los Fresnos	M	TX0310004	4,509	Expand Water Treatment Plant to 2.5 MGD - increase treatment, filtration, and pumping surface water to the public distribution system to address overall capacity. Replacement of 4" distribution lines to address low pressure. Replacement of existing fire hydrants to address water loss. Prepare an asset management plan.	PDC	$12,177,885	30%	Yes-Comb.	$420,000	10211
32	48.00	10536	Lower Colorado RA	D	TX0270018	165	LCRA proposes to install a treatment system to remove the radionuclides from the groundwater source.	PDC	$367,500				
183	3.50	10540	Lower Colorado RA	D	TX0270011	1,296	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$272,000		Yes-Comb.	$235,000	
181	3.50	10541	Lower Colorado RA	D	TX1500011	120	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$161,000		Yes-Comb.	$138,000	

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178	4.00	10542	Lower Colorado RA	D	TX1410002	2,772	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$330,000		Yes-CE	$300,000	
166	6.00	10543	Lower Colorado RA	D	TX1500037	1,518	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$225,000		Yes-CE	$195,000	
165	6.00	10544	Lower Colorado RA	D	TX1500008	374	LCRA (current owner) - Corix (future buyer) purposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$60,000		Yes-CE	$50,000	
164	6.00	10545	Lower Colorado RA	D	TX0270045	195	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$28,000		Yes-BC	$24,000	
205	2.50	10546	Lower Colorado RA	D	TX0270081	471	LCRA (current owner) - Corix (future owner) proposes to partially decommission the existing water treatment facilities and construct additional treatment facilities to increase capacity from 0.19 MGD to 0.23 MGD. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PDC	$638,000		Yes-Comb.	$60,000	
182	3.50	10548	Lower Colorado RA	D	TX1500009	288	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$50,000		Yes-BC	$40,000	

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13	94.00	10872	Lower Colorado RA	I	TX0270008	378	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also proposes constructing a 10-inch pipeline to interconnect the system to the LCRA-Corix Lake Buchanan Water System to address Buena Vista Water System's numerous TCEQ violations.	ADC	$770,000		Yes-CE	$130,000	
229	1.50	10874	Lower Colorado RA	D	TX0270078	147	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$15,000		Yes-CE	$13,000	
88	16.50	10511	Lyford	M	TX2450003	2,611	Installation of two ground water wells at the water treatment plant for a new water supply source, with construction of a 1.0 MGD reverse osmosis RO membrane treatment facility to treat the brackish ground water.	PADC	$3,460,000	50%			10363
233	0.50	10440	Malone	M	TX1090004	260	The City proposes to replace broken and/or malfunctioning water meters within their CCN with meters to prevent the water loss and to ensure the safety and well being of its customers. This will also result in water efficiency. The City intends to prepare their Asset Management plan with assistance from TCEQ's FMT contractor.	DC	$179,000		Yes-BC	$179,000	
245	0.50	10812	Marshall	M	TX1020002	23,854	Extension of an 8-inch PVC water line to provide looping and address delivery deficiencies. Implement asset management plan.	PADC	$2,756,208				10205
246	0.50	10813	Marshall	M	TX1020002	23,854	Installation of an Automatic Meter Reading and leak detection system.	PADC	$6,243,636		Yes-CE	$4,292,520	10206
207	2.50	10629	Matador	M	TX1730001	740	Replacement of deteriorated water transmission and distribution lines.	PDC	$730,000		Yes-BC	$500,000	9893

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151	10.00	10593	Mathis	M	TX2050003	5,769	Replace two-inch water lines with looped eight-inch lines. The system currently exceeds the TCEQ standards for number of connections allowed on the two-inch lines resulting in low pressure for customers.	PDC	$1,385,834	30%			
152	10.00	10595	Mathis	M	TX2050003	5,769	System improvements include replacing valves and chemical feed pumps, rehabilitating clarifiers and raw water piping, and filling in lagoons.	PDC	$1,783,345	30%			
270	0.00	10751	Maxwell WSC	W	TX0280003	5,245	Replace old water meters with new Automatic Meter Reading (AMR) system and purchase leak detection equipment. The system is currently experiencing high water loss.	C	$410,000		Yes-CE	$410,000	
172	5.40	10680	McAllen	M	TX1080006	141,060	Produce 6 MGD water source using geothermal energy/pressure to provide an alternative water source.	PADC	$16,430,000		Yes-Comb.	$16,430,000	
6	165.00	10826	Menard	M	TX1640001	1,493	New WTP, new wells and well rehabilitation.	PDC	$5,865,000	50%	Yes-CE	$224,886	9160, 9896
266	0.00	10772	Merkel	M	TX2210002	3,098	Construct a new 250,000 gallon elevated tank and demolish the old tank that currently has several TCEQ violations:290.43 (c)(B)-deterioration of interior and exterior coating; 290.43 (c) (2) inadequate diameter for roof hatch; 290.43 (c) (3)-Overflow pipe does not extend to the ground.	PDC	$1,000,000				
89	15.50	10809	Mexia	M	TX1470004	6,790	Replacement of deteriorated water meters.	PDC	$1,880,000	30%	Yes-CE	$1,880,000	
281	0.00	10876	Midland County UD	D		16,834	The proposed project will create a utility district for the County of Midland, southeast of the City of Midland. The Midland County Utility District will provide first time adequate water services to residents in this area.	PDC	$126,855,668				
203	2.50	10390	Midway	M	TX1570003	300	Construct and install filters.	PDC	$297,000				
1	607.00	10505	Millersview-Doole WSC	W	TX0480015	3,374	Treating well water at the source and blending with surface water.	PDC	$578,000				

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189	3.00	10457	Moore WSC	W	TX0820012	717	The Moore WSC proposes to conduct a leak detection study to identify any major leaks, an elevated storage tank to provide proper pressures to all residents, automatic meter readers, and replacement of small lines in order to provide additional services.	PDC	$2,123,345		Yes-BC	$160,800	
242	0.50	10454	Morgan's Point Resort	M	TX0140116	4,063	Construct new water supply municipal well field system. The project will also include the construction of the associated ground storage tanks, water pump station, disinfection/treatment and water main installation as required to connect to the existing distribution system. This project will also include the preparation of an Asset Management Plan.	PDC	$1,840,000		Yes-BC	$200,000	
255	0.00	10859	Munday	M	TX1380003	1,252	A public water supply well and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PADC	$460,000				
109	12.50	10894	New Deal	M	TX1520015	801	Replace line with new 8-inch piping, and install a new 138,000 gallon standpipe (storage tank).The existing asbestos cement pipeline has deteriorated and the leaking line has become a health issue. This will also correct low water pressure in the southwest section of the City.	C	$1,033,000		Yes-BC	$692,000	9618, 10113
106	12.50	10877	New Ulm WSC	W	TX0080014	465	This project includes the construction of a new ground storage tank, a new pressure tank, booster pumps, and the replacement of 2,500 feet of asbestos distribution line.	DC	$471,965	70%			9806, 9920
176	5.00	10553	North Alamo WSC	W	TX1080029	155,704	Replacement and upgrades to existing water main to address water and pressure losses and to improve water distribution efficiency. Install a new 250,000 gallons elevated storage tank, and connect existing residential and commercial water services to new water main distribution lines.	PADC	$3,954,500		Yes-BC	$2,886,800	10214

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213	2.50	10554	North Alamo WSC	W	TX1080029	155,704	Emergency project to provide water through new distribution lines to the towns of San Perlita, La Sara, Port Mansfield and the areas surrounding Raymondville which currently have pressure deficiencies. This will also alleviate water pressure issues currently experienced by these systems.	PADC	$793,944				10255
162	7.00	10567	North Alamo WSC	W	TX1080029	155,704	Construction of a deep water well that can supply up to 1 million gallons per day is needed to supplement our dwindling supply of water due to growth and drought conditions.	PADC	$1,320,575				10256
177	5.00	10568	North Alamo WSC	W	TX1080029	155,704	Construction of a new 1 million gallon elevated storage tank is needed to meet TCEQ capacity requirements.	PADC	$3,059,360				10257
19	76.80	10598	North Runnels Co WSC	W	TX2000005	1,500	Install pump station, transmission, and distribution lines for purchased water from Bronte to reduce THM levels. Also, provide public water to 200 households around Oak Creek Reservoir.	PADC	$6,000,000				
20	73.90	10864	O'Brien	M	TX1040005	110	This project includes reconstructing the chlorine dispensing and liquid ammonium nitrate systems, ground pump replacement or repair, and a meter for the city's stand pipe. The project also includes water meter replacements, pump station electrical rehabilitation, and a service pump replacement.	C	$142,847	50%			
150	10.00	10509	Olmito WSC	W	TX0310026	5,001	Construct new 300,000 elevated storage tank.	PADC	$2,075,000	30%			
244	0.50	10571	Orangefield WSC	W	TX1810186	6,172	The project would provide critical first time water service to approximately 500 low to moderate income families living within the area. This project also includes the preparation of an asset management plan. This project will alleviate the hazards faced by poorly designed water wells & septic tanks.	PDC	$5,930,000				
73	21.00	10469	Paducah	M	TX0510001	1,186	The proposed project will include the installation of new water lines to eliminate leaks and reduce water loss.	PDC	$2,308,100	30%	Yes-BC	$2,309,000	

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15	85.30	10777	Paint Rock	M	TX0480012	280	Construct a new microfiltration water treatment plant to replace the current antiquated plant that has a failing roof, an inadequate electrical system, and a building that is in disrepair.	PDC	$1,700,000	70%			
254	0.00	10788	Palo Pinto WSC	W	TX1820004	957	Replacing existing distribution lines which cause significant water loss and water outages.	PDC	$1,519,000		Yes-BC	$1,469,000	
204	2.50	10787	Parker County SUD	D	TX1840025	390	Material costs for 0.1 MG elevated storage tank to meet TCEQ storage requirements and reduce water loss.	PADC	$250,000		Yes-BC	$250,000	
23	70.30	10798	Plains	M	TX2510002	1,481	Provide precipitation treatment and activated alumina treatment to lower arsenic and fluoride levels.	D	$250,000				9889
110	12.50	10679	Point	M	TX1900004	1,908	Replace the system meters with AMR smart meters to improve detection of water loss.	PDC	$429,700		Yes-CE	$429,700	
97	13.50	10885	Port Arthur	M	TX1230009	57,755	Replace water lines to reduce leaks and increase pressure.	DC	$11,176,236		Yes-BC	$7,894,476	
256	0.00	10527	Quitman	M	TX2500003	2,140	Replace existing treatment equipment and install additional treated water line from the water treatment plant.	PADC	$10,821,738				
142	10.00	10636	Ralls	M	TX0540003	2,250	Install/retrofit existing meters with automatic readers, as well as replace problematic (leaking) distribution lines.	PDC	$586,396	30%	Yes-Comb.	$586,396	
130	10.00	10421	Ralston Acres WSC	W	TX1010196	330	Update system and move mains from private backyards to the public streets.	PADC	$1,483,000	70%			
76	20.50	10847	Reklaw	M	TX0370039	594	Drill new water well.	C	$957,100	30%			9743, 10267
29	50.50	10827	Riesel	M	TX1550040	1,242	Arsenic Treatment.	PDC	$1,222,500				9884
84	20.00	10458	Rio Grande City	M	TX2140018	19,731	Construct a new 1.5 MG elevated storage tank to provide capacity and improve area distribution pressures. Rehab the two existing storage tanks as to provide the needed maintenance and bring the tanks into compliance with TCEQ.	PADC	$3,500,000	30%			
212	2.50	10821	Rio Grande City	M	TX2140018	19,731	Replace existing broken/malfunctioning water meters with 100% lead-free smart meters with built in leak detection. Install AMR system.	DC	$3,558,630		Yes-CE	$3,558,330	

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34	44.50	10907	Rio Hondo	M	TX0310006	2,356	Rehabilitation of the treatment plant, replacement of distribution lines, replacement of meters, and new pumping system.	C	$3,594,165	70%	Yes-Comb.	$5,309,758	9981
120	11.00	10725	Rio WSC	W	TX2140016	3,900	The proposed project will involve replacing the existing water meters with AMR water meter technology, cutting many costs for the corporation. With the new meters the corporation will be able to quickly identify waterline problems from the central metering program located at the City office. All monthly readings will be taken from the central programming center, therefore cutting the need to send out meter readers on a daily basis.	PDC	$938,852	30%	Yes-CE	$938,851	
63	22.50	10776	Rising Star	M	TX0670005	834	Replace 7,000 feet of asbestos cement and ductile iron pipe with C-900 PVC water main. The asbestos concrete (AC) pipe for the main distribution line has become so brittle it is very hard to repair. Frequent leaks in this line have caused pressure losses in the system. There is ductile iron pipe mixed with AC pipe at several points in the system. The ductile iron pipe has become so rusted that debris from the pipes travel through the system into the houses.	PDC	$1,383,000	30%			
2	359.10	10824	Robert Lee	M	TX0410002	1,031	New wells, transmission line for purchased water, SWTP upgrades, new intake and replace meters.	PADC	$11,055,400	70%	Yes-BC	$224,953	9809, 9211
57	25.50	10818	Rockdale	M	TX1660002	5,439	Construct/improve the Mill Street Central Treatment Facility to meet higher demand and to increase water pressure throughout system. Also, implement an asset management plan.	PDC	$3,060,000	30%			
85	19.70	10470	Roma	M	TX2140007	17,839	Construct a new regional treatment facility and regional transmission system. Designed to be expanded to support multiple utilities in and around Starr County.	PADC	$50,578,000	50%			

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122	10.50	10439	Rosebud	M	TX0730003	1,412	The City proposes to replace broken and/or malfunctioning water meters within their CCN with meters to prevent the water loss and to ensure the safety and well being of its customers. The City intends to prepare their Asset Management plan with assistance from TCEQ's FMT contractor.	DC	$476,600	30%	Yes-BC	$476,600	
44	32.50	10489	Rotan	M	TX0760002	2,763	Install 14 miles of new 12-inch PVC water line to replace existing and ground storage tank.	PDC	$4,200,000	50%	Yes-BC	$2,840,000	
199	2.50	10875	Royal Oaks Apartments	P	TX0860080	45	Connection with the City of Fredericksburg, which is one mile away, to address nitrate issue.	PADC	$43,700				
208	2.50	10518	Royalwood MUD	D	TX1010201	1,017	Replace old ground storage tanks with new tanks (same capacity). Upgrade motor control centers at both water plants to ensure pumps continue to operate without interruption for lack of compatible parts. Upgrade control build-ins to prevent degradation of new controls. Replace old chlorinator and chlorine buildings. Install generators at both water plants to ensure continuous operation under power failure without having to open emergency interconnect. Upgrade access to site for emergencies.	PDC	$1,461,850		Yes-BC	$375,695	
243	0.50	10710	Rusk	M	TX0370003	5,340	Install 16,250 LF of 10" water line, 18 Fire Hydrants, 6 Air Release Valves, 7 Gate Valves, and 3 Road Bores to address insufficient line sizing and design. Implement an Asset Management Plan to coordinate future infrastructure needs.	PADC	$775,906				10034
291	0.00	10537	San Antonio Water System	M	TX0150018	1,596,714	This project includes the replacement of electrical switchgear, replace the chlorine gas system with on-site sodium hypochlorite generation system, upgrade the fluoridation equipment, and replace valves and yard piping.	C	$12,410,000				
292	0.00	10800	San Antonio Water System	M	TX0150018	1,596,714	Replacement of approximately 60,000 l.f. of 6-inch to 12-inch water main.	C	$3,490,199		Yes-BC	$3,490,199	
157	10.00	10703	San Benito	M	TX0310007	26,000	Water System Improvements.	ADC	$4,965,412	50%			
272	0.00	10410	San Diego MUD # 1	D	TX0660003	5,600	Replace water lines with PVC C-900 pipe.	PDC	$1,011,000				

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282	0.00	10462	San Juan	M	TX1080010	30,000	Rehabilitate and upgrade existing plant to current standards.	PDC	$3,435,000				
158	10.00	10631	San Juan	M	TX1080010	30,000	Elevate pre-treatment basin bottom to higher level to bring the basin bottom out of the existing ground water level, as well as replace existing synthetic liner with an earthen type constructed liner. Mixture of ground and surface water is causing difficulties with disinfection and treatment.	C	$4,820,000	30%			9730, 10178
61	23.00	10426	San Marcos	M	TX1050001	59,555	Replace existing water mains to eliminate leaks due to system age and condition and increase pipe capacity where needed to increase service pressure.	C	$3,477,250	30%			
48	29.00	10552	San Marcos	M	TX1050001	59,555	Expand the City's reclaimed water system to provide irrigation in City parks, as well as provide chill plant make-up water and irrigation of athletic fields at Texas State University. The project will reduce withdrawals from the Edwards aquifer and the San Marcos River by replacing potable water used for the same purposes.	PDC	$22,068,800	50%	Yes-CE	$22,068,800	10383
36	43.83	10647	San Pedro Canyon Water Co	I	TX2330011	150	Drill a new well meeting TCEQ regulations and requirements for a public water well. Follow an engineered plan for cemented casing to seal off entry of contaminants to depths determined by geophysical logging when the well is drilled. Initiate asset management plan and training.	C	$240,281				10337
24	65.30	10899	San Saba	M	TX2060001	2,637	New 6" and 8" water mains are proposed to replace the dilapidated lines. Multiple existing 6" and 8" water mains located throughout the city need replacement. These lines are composed of cast iron which is over 70 years old. The lines are badly deteriorated causing frequent leakage and line breaks.	C	$2,000,000	30%	Yes-BC	$295,379	
26	59.30	10739	Seymour	M	TX0120001	2,900	Construct additional water supply system from Miller Creek Reservoir water plant to correct insufficient supply, and construct evaporation ponds for reverse osmosis brine to reduce selenium discharge from plant.	PADC	$7,210,000				

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140	10.00	10634	Siesta Shores WCID	D	TX2530004	1,700	Propose to repair all rust spots of standpipe and sandblast interior, coat and paint both interior and exterior. Upgrade any deficient regulations. Propose to replace ground storage tank with new tank next to existing one at plant and demolish old tank that has deteriorated. Includes bypass piping.	PDC	$500,000	30%			
25	64.40	10476	Smyer	M	TX1100010	474	Project includes installing a fluoride water treatment system, a new water well, a water line from the new well, and re-coating the ground storage tank. Locating and installing a new water well with associated disinfection system and transmission line. Preparing the 100,000 gallon water storage tank and recoating the storage tank. Providing and installing a water treatment system to reduce the Fluoride levels in the water to below the MCL. Provide and install backup power connections to two water wells and the water pump station.	PADC	$504,000				
50	26.40	10773	Snyder	M	TX2080001	10,567	The proposed project is to drill a brackish well near Snyder and construct a 1.0 MGD desalination plant with injection wells. The City of Snyder provides water to numerous systems in the area, as well as the citizens of the City of Snyder. The City purchases water from CRMWD and receives water from Lakes Thomas and Ivy, which are both currently extremely low. As a regional water supplier the City is looking to increase supply. The groundwater in the Snyder area is brackish.	PADC	$7,820,000				

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51	26.40	10774	Snyder	M	TX2080001	10,567	The proposed project consists of 10 water wells in northern Mitchell County. The City of Snyder provides water to numerous systems in the area as well as the citizens of the City of Snyder. The City purchases water from CRMWD and receives water from Lakes Thomas and Ivy, which are both currently extremely low. As a regional water supplier the City is looking to increase supply. The groundwater in the Snyder area is brackish.	PADC	$11,100,000				
33	47.50	10891	Sol Y Mar WS	P	TX1080238	84	This project will install two booster pumps, two mechanical meters, two water softeners, and finally two nitrate removal systems to bring the system into TCEQ & EPA compliance. Sol Y Mar has been under enforcement action by both TCEQ and EPA for having high nitrates in its system. EPA has given the water system 18 months to fix the problem.	PDC	$198,700				
216	2.00	10456	Springtown	M	TX1840003	2,650	Project includes the following: relocate the backwash recycle point ahead of the pretreatment bypass connection and polymer injection; optimize the Trident Filtration System; install isolation valves on the recycle pump station on the influent lines at the backwash ponds; install a decant weir and pump station at the sludge holding pond; install a sludge dewatering device to remove settled solids; install a solids transfer pump station; miscellaneous improvements to the chlorination system; and miscellaneous yard piping associated with the new sludge dewater system, transfer pumps, and chemical feed system.	PDC	$2,188,551				
54	26.00	10740	Spur	M	TX0630012	1,275	Replace old, dilapidated distribution system piping and valves to reduce line breaks and increase pressure. The system has documented problems with low water pressure and line breaks.	PDC	$2,078,000	30%	Yes-BC	$2,078,000	

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98	13.00	10486	Stamford	M	TX1270003	3,636	The proposed project will include the installation of new finished water and raw water lines to eliminate leaks and reduce water loss. The project will also include replacement of the existing raw water pumps.	PDC	$12,812,000		Yes-BC	$12,812,000	
134	10.00	10549	Strawn	M	TX1820005	632	Emergency project to abandon the old existing WTP and connect to the City of Ranger's water supply.	PADC	$1,580,000		Yes-BC	$1,580,000	10166
107	12.50	10786	Study Butte WSC	W	TX0220035	624	Replace water lines, install pressure reducing outages, inadequate chemical storage facilities valves, install well servicing rig to reduce and inadequate housing for plant equipment. Install chemical storage facilities and building upgrades to address system deficiencies, in downtime.	PDC	$1,256,000		Yes-BC	$1,256,000	
102	12.50	10644	Swea Gardens Estates Water Utility	I	TX1010218	117	Install an interconnect with the City of Houston to provide treated purchase water directed into the distribution system pressured by the water provider.	PADC	$241,489				10320
100	13.00	10612	Sweetwater	M	TX1770002	12,091	The City will upgrade the membranes at the City's water treatment plant because they are currently not compliant with the new LT2 DIT regulations. Construction of a new elevated storage tank is needed to improve system pressure and volume because the City has difficulty in maintaining equal pressure and volume throughout its distribution system.	PDC	$8,057,000	30%			
241	0.50	10705	Swift WSC	W	TX1740019	2,376	Install approximately 21,000 linear feet of new 6" PVC lines to replace aging and decaying asbestos cement pipe within system and prepare an asset management plan to coordinate future infrastructure needs.	PDC	$594,977		Yes-BC	$619,977	10029
144	10.00	10819	Tahoka	M	TX1530002	2,837	Replace 60,000 l.f. of waterline with HDPE or PVC pipe and construction of a 1.5 mg ground storage tank.	DC	$3,141,500		Yes-BC	$1,810,000	
66	22.50	10898	Texas State Technical College	S	TX1550138	2,502	Replace cast iron, calcified pipes with smaller pipes to provide adequate service and stop nitrification episodes.	PDC	$8,500,000		Yes-BC	$100,000	

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78	20.00	10687	Texas Water Company	I	TX0610051	59	Construct an interconnect line to the Town of Colony to address capacity issues.	DC	$99,800				
163	6.50	10398	Tioga	M	TX0910007	803	Drill a new well approximately 1,600 feet deep into the Antlers formation to produce water with iron content below secondary limits, to replace well #2 . Improve energy efficiency with more efficient pump and motor and lower pumping head. Reduce unaccounted water usage by metering public facilities. Preparation of an asset management plan.	PADC	$1,050,000		Yes-BC	$762,000	10180
240	0.50	10453	Troy	M	TX0140037	2,217	Construct new water supply municipal well system. The project will also include the construction of the associated ground storage tanks, water pump station and water main installation as required to connect to the existing distribution system. This project also includes the preparation of an Asset Management Plan.	PADC	$1,930,000		Yes-BC	$250,000	
86	19.00	10651	Twin Buttes Water System Inc.	P	TX2260026	44	Provide adequate supply to the system by providing an interconnect with the City of San Angelo water system. It will also allow for more control in treatment and quality.	ADC	$345,799				
115	11.50	10858	Twin Buttes Water System Inc.	P	TX2260026	44	Twin Buttes is developing an alternative water supply through the construction of an interconnection with San Angelo. Due to drought water production at their only water well is in decline and the system experiences periodic outages. They have supplemented water supply by trucking it in but this is costly and water quality is variable.	AC	$296,000		Yes-BC	$100,000	

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112	12.50	10430	Union WSC	W	TX2140004	5,292	Replacement and upgrades to existing water main distribution lines to address water and pressure losses. Installation of new main distribution lines and valves to improve water distribution efficiency and reduce water pressures deficiencies. Connection of existing residential and commercial water services to new water main distribution lines. Construction of a 250,000 gallon elevated storage tank. Finally, expansion of the existing water treatment plant from 1.5 MGD to 3.0 MGD.	PADC	$5,610,915	50%	Yes-BC	$650,000	
28	50.80	10802	Upper Colorado RA	M	TX2000002	10,838	In order to use the existing raw water system, 6.5 miles of 36” pipeline requires replacement, a condition assessment will be made on 22 miles of 33” pipeline, raw water will have to be conveyed to the intake structure, and the raw water pump station requires rehabilitation. Originally constructed in 1968, the raw water supply system from E.V. Spence Reservoir to the City of San Angelo has been out of service for approximately 20 years due to numerous failures in the supply pipeline. This raw water source is required to meet water demands.	PDC	$19,140,000				
9	143.70	10580	Upper Leon River MWD	D	TX0470015	2,316	Emergency project to develop a groundwater supply source to augment existing surface water supplies to provide additional raw water to the District in the event that the water level in Lake Proctor drops too low.	PADC	$5,179,000	30%			10290, 10306
7	161.60	10892	Upper Leon River MWD	D	TX0470015	2,316	Replace the existing conventional filters at the water treatment plant with a new membrane filtration system. Upgrade existing transfer pump stations with new low-voltage pumps, motors and motor control centers.	C	$14,031,000	30%	Yes-BC	$6,100,500	9626, 10104

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31	49.20	10638	Vinton	I	TX0710151	2,423	Installation of new high capacity water lines. These new lines will be able to maintain a minimum pressure. A service fee will be needed to allow EPWU to provide adequate water storage for Vinton. Currently, Hillside Water Works and Vinton Hills Alegre, do not have enough capacity to meet the minimum pressure. Hillside Water Works has also received numerous TCEQ violations for high arsenic levels. The new proposed system will tie into the EPWU system to provide Vinton's first public water system.	PADC	$18,355,793	70%			10186
68	22.50	10488	Webb County	C	TX2400022	5,427	Rehabilitation of the water treatment plant and water distribution system.	PDC	$8,535,626	70%			
40	40.00	10538	Weslaco	M	TX1080011	32,092	Project includes: adding 10 MGD plant capacity; rehabilitating failing plant components; adding raw water and high service pumps; adding a transmission main from the plant; and adding a clearwell and elevated storage tank.	PDC	$48,018,359				
121	11.00	10614	Weslaco	M	TX1080011	32,092	Replacement of existing 16" asbestos water line to reduce water loss.	PDC	$498,355		Yes-BC	$498,355	9959
101	13.00	10615	Weslaco	M	TX1080011	32,092	Replacement of existing 8" cast iron water line on 8th Street to reduce water loss.	PDC	$171,350		Yes-BC	$171,350	9960
223	2.00	10616	Weslaco	M	TX1080011	32,092	A new well to supplement existing system to address potential drought issues.	PDC	$3,785,000		Yes-CE	$300,000	9961
283	0.00	10665	Weslaco	M	TX1080011	32,092	Acquire property adjacent to existing water treatment plant for expansion and additional storage.	A	$832,320				
124	10.50	10602	West	M	TX1550009	2,695	Project to rehabilitate two existing water storage tanks, one elevated and one ground. If not already in place, this project will institute an asset management program.	PDC	$491,500	50%			10332

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
263	0.00	10793	West Odessa WSC	W	TX0680215	3,000	The WSC is proposing to construct a 12" treated water transmission pipeline from Odessa. The WSC is also proposing to construct a distribution system with an elevated tank and a pump station. The Corporation has an unserved population that either hauls water or depends on shallow wells which have poor quality and low quantity.	PADC	$10,500,000				
125	10.50	10466	West Tawakoni	M	TX1160012	3,600	Rehab existing ground storage tank and North elevated storage tank to correct identified deficiencies. The project also includes increasing high service pump capacity to supply 20-year projected capacities; construct a new ground storage tank, and extend the water intake structure deeper into Lake Tawakoni.	PDC	$1,575,075	30%			
83	20.00	10790	West Tawakoni	M	TX1160012	3,600	Replace existing 2-inch lines with 6 inch lines and install fire hydrants.	PDC	$2,274,000	30%	Yes-BC	$2,274,000	
230	1.30	10763	Westbound WSC	W	TX0670027	2,342	Install a water softener at the existing well field and develop four wells in a proposed new well field.	PDC	$2,000,000				
250	0.00	10434	Westphalia WSC	W	TX0730019	282	Replace 1,800 gallon tank with a 3,000 gallon tank. The project also includes replacing and lowering the well pump.	C	$88,146				
99	13.00	10600	White River MWD	D	TX0540015	10,833	Rehabilitation of 8 existing municipal water supply wells; construction of 10 new water supply wells; well field storage; construct emergency backup well; general plant rehabilitation; distribution system rehabilitation projects; wind turbine construction; and reclaimed water project.	PADC	$39,718,118	50%	Yes-BC	$7,300,155	9525
161	8.00	10797	Wiedenfeld Water Works	I	TX1630038	108	Drill new well into the Trinity Aquifer.	DC	$350,000				9883
149	10.00	10789	Willow Park	M	TX1840027	4,926	Replace existing old and deteriorated waterlines with larger, PVC waterlines. The water system is experiencing significant water loss and low pressures in the area of the West Oak Development.	PDC	$684,000		Yes-BC	$684,000	

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37	43.50	10897	Winters	M	TX2000003	2,582	Develop an alternative groundwater supply, requiring a raw water transmission system to transfer water to the City's water treatment plant.	C	$1,018,000	30%			10134
Source Water Protection													
1	102.00	10532	El Paso PSB	M	TX0710002	631,253	The project is a groundwater importation and source water protection project for EPWU. The project includes planning, land acquisition, design, and construction of production, treatment, and transmission facilities to pump at least 20,000 acre-feet of groundwater per year from the 47,000 acre Hueco Ranch. Water from the area will be delivered into an existing EPWU transmission pipeline on the east side of El Paso. Hueco Ranch is located approximately 20 miles east of El Paso. Source water protection will be applied to the entire ranch which provides runoff and recharge to the groundwater.	PA	$94,700,000				10525

Totals		**293**							**$1,588,223,457**	**92**	**124**	**$259,355,901**	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction
Green Type: BC-Business Case; CE-Categorically Eligible; Yes-Comb.-Project consists of both CE and BC components.

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Appendix H. Alphabetic List of Ineligible Projects

There were no ineligible projects.

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Appendix I. Projects Ineligible for Disadvantaged Status

Projects listed are not eligible for Disadvantaged Community funding but are eligible for Loan funding.

	PIF	Entity	Project Cost	Ineligible
1	10438	Blanket	$800,000	AAMHI
2	10504	Brookesmith SUD	$2,531,000	AAMHI
3	10445	Cottonwood Shores	$3,816,500	AAMHI
4	10535	Covington	$200,000	AAMHI
5	10461	Daingerfield	$851,103	HCF
6	10495	Dublin	$5,420,000	AAMHI
7	10479	Eden	$6,732,000	AAMHI
8	10411	Etoile WSC	$2,276,435	AAMHI
9	10516	Harris Co FWSD # 47	$5,581,670	AAMHI
10	10394	Kenedy County	$720,000	HCF
11	10412	Laredo	$5,455,000	HCF
12	10413	Laredo	$3,046,418	HCF
13	10415	Laredo	$2,680,079	HCF
14	10416	Laredo	$4,600,000	HCF
15	10417	Laredo	$6,820,000	HCF
16	10390	Midway	$297,000	AAMHI
17	10505	Millersview-Doole WSC	$578,000	AAMHI
18	10457	Moore WSC	$2,123,345	AAMHI
19	10527	Quitman	$10,821,738	FTR
20	10518	Royalwood MUD	$1,461,850	AAMHI
21	10875	Royal Oaks Apartments	$43,700	AAMHI
22	10410	San Diego MUD # 1	$1,011,000	HCF
23	10476	Smyer	$504,000	FTR
24	10486	Stamford	$12,812,000	AAMHI
25	10538	Weslaco	$48,018,359	AAMHI
26	10614	Weslaco	$498,355	AAMHI
27	10615	Weslaco	$171,350	AAMHI
29	10616	Weslaco	$3,785,000	AAMHI
			$133,655,902	

AAMHI = Adjusted Annual Median Household Income was greater than 75% of the State AAMHI.
HCF = Household Cost Factor did not meet the minimum threshold.
FTR = Entity did not respond to request for additional information needed to make a determination.

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
Public Water System													
1	607.00	10505	Millersview-Doole WSC	W	TX0480015	3,374	Treating well water at the source and blending with surface water.	PDC	$578,000				
2	359.10	10824	Robert Lee	M	TX0410002	1,031	New wells, transmission line for purchased water, SWTP upgrades, new intake and replace meters.	PADC	$11,055,400	70%	Yes-BC	$224,953	9809, 9211
3	287.80	10825	Bronte	M	TX0410001	977	Four new wells, raw water transmission lines, treatment plant expansion, finished water transmission lines and new standpipe.	PADC	$7,823,960	30%	Yes-CE	$576,000	9840, 9110
4	236.40	10873	East Lake Buchanan Regional WS	I		-	Corix proposes to construct a regional surface water treatment plant (0.5 MGD initial phase) along with 90,000 gallon regional storage tank, intake structure, raw water pipeline and regional transmission mains to connect adjacent groundwater systems experiencing similar radionuclide issue.	PADC	$7,022,000		Yes-BC	$607,200	
5	211.10	10783	Brady	M	TX1540001	5,324	Radium reduction groundwater treatment improvements for meeting USEPA Compliance rules for radionuclides in drinking water.	ADC	$9,827,449	50%	Yes-BC	$400,000	9638, 9198, 10157
6	165.00	10826	Menard	M	TX1640001	1,493	New WTP, new wells and well rehabilitation.	PDC	$5,865,000	50%	Yes-CE	$224,886	9160, 9896
7	161.60	10892	Upper Leon River MWD	D	TX0470015	2,316	Replace the existing conventional filters at the water treatment plant with a new membrane filtration system. Upgrade existing transfer pump stations with new low-voltage pumps, motors and motor control centers.	C	$14,031,000	30%	Yes-BC	$6,100,500	9626, 10104
8	145.00	10512	D Bar B Water & WW SC	W	TX0570082	219	Evaluate alternatives and implement solution that may include either additional filtration at existing source, a new well to PWS standards, or possible interconnection.	PDC	$200,000				
9	143.70	10580	Upper Leon River MWD	D	TX0470015	2,316	Emergency project to develop a groundwater supply source to augment existing surface water supplies to provide additional raw water to the District in the event that the water level in Lake Proctor drops too low.	PADC	$5,179,000	30%			10290, 10306

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10	141.20	10782	Gorman	M	TX0670003	1,236	Drill new water well and build a new 100,000 elevated tank to replace an existing 75,000 gallon elevated tank which has lead based paint and is in a state of disrepair. Additional water is needed for new connection requests from the City of Desdemona.	PADC	$2,100,000	50%			
11	132.80	10515	Cameron	M	TX1660001	5,500	Treatment plant and distribution system improvements.	PDC	$1,829,000	30%	Yes-BC	$940,000	
12	111.10	10601	Lawn	M	TX2210005	927	Abandon WTP and construct new treated water supply; build taller standpipe; replace old and deteriorated water lines.	PADC	$4,889,400	70%			9625
13	94.00	10872	Lower Colorado RA	I	TX0270008	378	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also proposes constructing a 10-inch pipeline to interconnect the system to the LCRA-Corix Lake Buchanan Water System to address Buena Vista Water System's numerous TCEQ violations.	ADC	$770,000		Yes-CE	$130,000	
14	85.30	10822	Live Oak Hills Subdivision	I	TX1540012	60	Install a radium removal system with plumbing and a building to house it.	C	$100,000				9888
15	85.30	10777	Paint Rock	M	TX0480012	280	Construct a new microfiltration water treatment plant to replace the current antiquated plant that has a failing roof, an inadequate electrical system, and a building that is in disrepair.	PDC	$1,700,000	70%			
16	82.50	10889	Cyndie Park II WSC	W	TX1780050	66	Upgrade the water system with a new chlorine system; new well and well meter; replacement water storage tank and accessories; and preparation of a drought contingency plan, plant operations manual, and monitoring plan. The water system currently lacks appropriate chlorination facilities and their water has exceeded allowed levels for arsenic, total dissolved solids, and chloride, as well as numerous other violations.	PDC	$1,484,000	70%	Yes-BC	$30,000	
17	82.00	10418	Lake Texoma VFW Post 7873	I	TX0910086	270	Radium removal from well water.	PADC	$830,000				

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18	79.30	10555	Anahuac	M	TX0360001	2,880	Rehabilitate the surface water treatment plant, construct a raw water holding pond, and replace cast iron water lines. The treatment plant is in poor condition and has been out of service since 2010; water lines were constructed in the late 1940s and 1950s. The City received a notice of enforcement in 2012 from TCEQ for trihalomethane violations	C	$2,700,741				9916
19	76.80	10598	North Runnels Co WSC	W	TX2000005	1,500	Install pump station, transmission, and distribution lines for purchased water from Bronte to reduce THM levels. Also, provide public water to 200 households around Oak Creek Reservoir.	PADC	$6,000,000				
20	73.90	10864	O'Brien	M	TX1040005	110	This project includes reconstructing the chlorine dispensing and liquid ammonium nitrate systems, ground pump replacement or repair, and a meter for the city's stand pipe. The project also includes water meter replacements, pump station electrical rehabilitation, and a service pump replacement.	C	$142,847	50%			
21	73.50	10886	Anthony	M	TX0710001	2,355	Water treatment improvements, including arsenic removal, new tank, replacement of lines, and new meters/pumps	PADC	$5,910,000	30%	Yes-Comb.	$464,500	
22	71.10	10781	Baird	M	TX0300001	1,620	Replace the old water treatment plant with a new 1.0 MGD microfiltration or ultrafiltration water treatment plant. This plant will allow the city to meet TCEQ supply and treatment requirements and it will eliminate the current TCEQ violations. Also, replace the 50 year old cast iron raw water transmission line with a new PVC raw water line. The city has experienced significant water loss due to leaks in the old raw water line.	PDC	$4,850,000		Yes-BC	$456,650	
23	70.30	10798	Plains	M	TX2510002	1,481	Provide precipitation treatment and activated alumina treatment to lower arsenic and fluoride levels.	D	$250,000				9889

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24	65.30	10899	San Saba	M	TX2060001	2,637	New 6" and 8" water mains are proposed to replace the dilapidated lines. Multiple existing 6" and 8" water mains located throughout the city need replacement. These lines are composed of cast iron which is over 70 years old. The lines are badly deteriorated causing frequent leakage and line breaks.	C	$2,000,000	30%	Yes-BC	$295,379	
25	64.40	10476	Smyer	M	TX1100010	474	Project includes installing a fluoride water treatment system, a new water well, a water line from the new well, and re-coating the ground storage tank. Locating and installing a new water well with associated disinfection system and transmission line. Preparing the 100,000 gallon water storage tank and recoating the storage tank. Providing and installing a water treatment system to reduce the Fluoride levels in the water to below the MCL. Provide and install backup power connections to two water wells and the water pump station.	PADC	$504,000				
26	59.30	10739	Seymour	M	TX0120001	2,900	Construct additional water supply system from Miller Creek Reservoir water plant to correct insufficient supply, and construct evaporation ponds for reverse osmosis brine to reduce selenium discharge from plant.	PADC	$7,210,000				
27	56.00	10465	Donna	M	TX1080002	15,000	Increase treatment capacity to 6.0 MGD and upgrade/rehabilitate existing treatment structures.	PDC	$4,600,000	30%			

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28	50.80	10802	Upper Colorado RA	M	TX2000002	10,838	In order to use the existing raw water system, 6.5 miles of 36" pipeline requires replacement, a condition assessment will be made on 22 miles of 33" pipeline, raw water will have to be conveyed to the intake structure, and the raw water pump station requires rehabilitation. Originally constructed in 1968, the raw water supply system from E.V. Spence Reservoir to the City of San Angelo has been out of service for approximately 20 years due to numerous failures in the supply pipeline. This raw water source is required to meet water demands.	PDC	$19,140,000				
29	50.50	10827	Riesel	M	TX1550040	1,242	Arsenic Treatment.	PDC	$1,222,500				9884
30	50.00	10632	Donna	M	TX1080002	15,000	New raw water pre-treatment basin will allow existing WTP to provide raw water for treatment when the local irrigation district has problems with pumping/canals & would provide pre- settlement of water prior to treatment. City is currently adding an inordinate amount of chemicals to settle raw water, causing the water to become extremely corrosive, subsequently causing plant mechanism deterioration. City is already spending an inordinate amount of money replacing clarifier mechanisms.	C	$3,175,000	30%			10179
31	49.20	10638	Vinton	I	TX0710151	2,423	Installation of new high capacity water lines. These new lines will be able to maintain a minimum pressure. A service fee will be needed to allow EPWU to provide adequate water storage for Vinton. Currently, Hillside Water Works and Vinton Hills Alegre, do not have enough capacity to meet the minimum pressure. Hillside Water Works has also received numerous TCEQ violations for high arsenic levels. The new proposed system will tie into the EPWU system to provide Vinton's first public water system.	PADC	$18,355,793	70%			10186

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32	48.00	10536	Lower Colorado RA	D	TX0270018	165	LCRA proposes to install a treatment system to remove the radionuclides from the groundwater source.	PDC	$367,500				
33	47.50	10891	Sol Y Mar WS	P	TX1080238	84	This project will install two booster pumps, two mechanical meters, two water softeners, and finally two nitrate removal systems to bring the system into TCEQ & EPA compliance. Sol Y Mar has been under enforcement action by both TCEQ and EPA for having high nitrates in its system. EPA has given the water system 18 months to fix the problem.	PDC	$198,700				
34	44.50	10907	Rio Hondo	M	TX0310006	2,356	Rehabilitation of the treatment plant, replacement of distribution lines, replacement of meters, and new pumping system.	C	$3,594,165	70%	Yes-Comb.	$5,309,758	9981
35	44.00	10933	Greenbelt MIWA	D	TX0650013	12,789	A wellfield, supplying up to 3 MGD, will be constructed on the North Ogallala Aquifer. This wellfield will be connected to the GMIWA treatment plant with a new, 16-inch pipeline approximately 15-miles long.	ADC	$10,000,000	30%			10095
36	43.83	10647	San Pedro Canyon Water Co	I	TX2330011	150	Drill a new well meeting TCEQ regulations and requirements for a public water well. Follow an engineered plan for cemented casing to seal off entry of contaminants to depths determined by geophysical logging when the well is drilled. Initiate asset management plan and training.	C	$240,281				10337
37	43.50	10897	Winters	M	TX2000003	2,582	Develop an alternative groundwater supply, requiring a raw water transmission system to transfer water to the City's water treatment plant.	C	$1,018,000	30%			10134
38	42.90	10855	Central WCID	D	TX0030019	6,576	Water system improvements include replacing asbestos cement distribution lines, well repair and improvement, and new ground storage and pressure tanks. The water system exceeds asbestos Maximum Contaminant Levels, the wells are in poor condition, and the water system does not meet TCEQ requirements for minimum storage capacity.	PDC	$2,023,700				

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39	42.00	10483	La Salle Landing WSC	P	TX1200008	111	Install Oxidation filter to concurrently remove iron and arsenic, install new main water line, install customer meters, install new service lines, install ground storage to allow backwash of filter, and create an asset management plan.	PDC	$441,600				
40	40.00	10538	Weslaco	M	TX1080011	32,092	Project includes: adding 10 MGD plant capacity; rehabilitating failing plant components; adding raw water and high service pumps; adding a transmission main from the plant; and adding a clearwell and elevated storage tank.	PDC	$48,018,359				
41	36.50	10479	Eden	M	TX0480001	2,766	Construction of a desalination system to be installed at the City's new WTP. Replacement of multiple water lines throughout the City to reduce water losses. Complete required upgrades to the City's existing groundwater wells.	PDC	$6,732,000		Yes-BC	$3,865,000	
42	35.50	10523	Falcon Rural WSC	W	TX2140003	2,500	Install new water lines to eliminate leaks and reduce water loss.	PDC	$2,040,000	30%	Yes-BC	$2,040,000	
43	32.50	10906	Ladonia	M	TX0740004	1,008	Install new water distribution lines to address water loss of 30% associated with aging asbestos-cement lines. Rehabilitate existing elevated storage tank and recoat to address excessive rusting.	C	$2,362,100	50%			
44	32.50	10489	Rotan	M	TX0760002	2,763	Install 14 miles of new 12-inch PVC water line to replace existing and ground storage tank.	PDC	$4,200,000	50%	Yes-BC	$2,840,000	
45	32.30	10754	Graham	M	TX2520001	8,716	Plant expansion and rehabilitation to provide 10 MGD of capacity. Increase pumping capacity and plant storage capacity. Install transmission line & replace aging lines. These improvements will bring system into TCEQ compliance.	PC	$16,600,000		Yes-BC	$1,500,000	
46	31.30	10420	Abraxas Corporation	I	TX1840034	537	Construction and installation of filters at each well to remove radium.	PDC	$330,000				

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47	31.30	10495	Dublin	M	TX0720001	3,714	The City of Dublin has identified 6 locations where there are leaking, uncased water lines crossing under the railroad tracks. This project includes replacing these 6 leaking water lines by boring under the railroad. The project also includes replacing other old, leaking water lines in the distribution system. The City's existing elevated storage tank is in need of repair, so it is proposed to rehabilitate the existing elevated tank. It is also proposed to construct a new 250,000 gallon elevated storage tank to provide additional elevated storage. To supplement the City's water supply, it is proposed to drill a new secondary supply well. It is also proposed to construct a pressure tank at an existing water well. Also, it is proposed to make improvements to the City's disinfection system.	PADC	$5,420,000		Yes-BC	$1,626,000	
48	30.00	10755	Graham	M	TX2520001	8,716	Water transmission line from water treatment plant.	C	$11,900,000				
49	29.00	10552	San Marcos	M	TX1050001	59,555	Expand the City's reclaimed water system to provide irrigation in City parks, as well as provide chill plant make-up water and irrigation of athletic fields at Texas State University. The project will reduce withdrawals from the Edwards aquifer and the San Marcos River by replacing potable water used for the same purposes.	PDC	$22,068,800	50%	Yes-CE	$22,068,800	10383
50	26.40	10773	Snyder	M	TX2080001	10,567	The proposed project is to drill a brackish well near Snyder and construct a 1.0 MGD desalination plant with injection wells. The City of Snyder provides water to numerous systems in the area, as well as the citizens of the City of Snyder. The City purchases water from CRMWD and receives water from Lakes Thomas and Ivy, which are both currently extremely low. As a regional water supplier the City is looking to increase supply. The groundwater in the Snyder area is brackish.	PADC	$7,820,000				

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51	26.40	10774	Snyder	M	TX2080001	10,567	The proposed project consists of 10 water wells in northern Mitchell County. The City of Snyder provides water to numerous systems in the area as well as the citizens of the City of Snyder. The City purchases water from CRMWD and receives water from Lakes Thomas and Ivy, which are both currently extremely low. As a regional water supplier the City is looking to increase supply. The groundwater in the Snyder area is brackish.	PADC	$11,100,000				
52	26.30	10610	Brownsville	M	TX0310001	172,437	This project will connect an existing 16" waterline with a main to create a loop that would correct pressure problems in the northern area of town. This area has low pressure due to constant population growth without the infrastructure needed to compensate.	C	$279,748				
53	26.30	10611	Brownsville	M	TX0310001	172,437	This project consists of the installation of a 16" waterline and a 24" waterline that extend the BPUB's water system from a water tank on Martina Road to the Rio Del Sol Subdivision on the most northern end of the City of Brownsville. The purpose of this project is to increase pressures and flows to the distribution lines in the northern areas of Brownsville and to provide new service capabilities from the Martina Rd. Elevated storage tank to the Rio Del Sol Subdivision. The project increases the distribution capacity and addresses chlorine residual concerns to the northeast areas of Brownsville.	PADC	$3,840,448				
54	26.00	10740	Spur	M	TX0630012	1,275	Replace old, dilapidated distribution system piping and valves to reduce line breaks and increase pressure. The system has documented problems with low water pressure and line breaks.	PDC	$2,078,000	30%	Yes-BC	$2,078,000	

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55	26.00	10905	Harris Co FWSD # 1A	D	TX1010082	1,854	Replace distribution system in four phases and rehabilitate elevated storage tanks (EST). The entire distribution system is original, exceeding 50 years in age. A significant amount of the distribution system is steel petroleum industry pipe that was provided by area refineries. The line sizes do not meet the current state criteria and do not offer fire protection in most areas of the district. Both EST's have been cited by the TCEQ for Notice of Violations for the maintenance issues requiring significant repair and recoating.	PDC	$7,107,360	70%	Yes-BC	$5,685,888	10293
56	26.00	10395	Houston	M	TX1010013	2,099,000	Replace aged water distribution lines with new plastic pipe.	C	$21,932,900		Yes-BC	$21,932,900	
57	25.50	10818	Rockdale	M	TX1660002	5,439	Construct/improve the Mill Street Central Treatment Facility to meet higher demand and to increase water pressure throughout system. Also, implement an asset management plan.	PDC	$3,060,000	30%			
58	25.00	10887	Lass Water Company	I	TX0910143	201	Replace well to address system deficiencies.	PC	$89,000				
59	23.00	10442	Cotulla	M	TX1420001	3,614	Install two new wells to supplement water supply and place elevated storage in strategic locations to reinforce pressure delivery. Project also includes water meter replacements, improved grid connectivity and reliability, and miscellaneous transmission loops. An asset management plan will be done sequentially with a hydraulic model already in progress.	PDC	$12,882,290	70%	Yes-BC	$991,650	
60	23.00	10904	Los Fresnos	M	TX0310004	4,509	Expand Water Treatment Plant to 2.5 MGD - increase treatment, filtration, and pumping surface water to the public distribution system to address overall capacity. Replacement of 4" distribution lines to address low pressure. Replacement of existing fire hydrants to address water loss. Prepare an asset management plan.	PDC	$12,177,885	30%	Yes-Comb.	$420,000	10211

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61	23.00	10426	San Marcos	M	TX1050001	59,555	Replace existing water mains to eliminate leaks due to system age and condition and increase pipe capacity where needed to increase service pressure.	C	$3,477,250	30%			
62	22.80	10756	Abilene	M	TX2210001	116,412	Implement trihalomethane precursor removal and stripping processes at the city's water treatment plant to lower TTHM in the finished water.	PDC	$11,478,000				
63	22.50	10776	Rising Star	M	TX0670005	834	Replace 7,000 feet of asbestos cement and ductile iron pipe with C-900 PVC water main. The asbestos concrete (AC) pipe for the main distribution line has become so brittle it is very hard to repair. Frequent leaks in this line have caused pressure losses in the system. There is ductile iron pipe mixed with AC pipe at several points in the system. The ductile iron pipe has become so rusted that debris from the pipes travel through the system into the houses.	PDC	$1,383,000	30%			
64	22.50	10581	Linden	M	TX0340004	1,974	Construct a new well with a chlorination system and ground storage, construct a new 100,000 gallon elevated storage tank, construct water lines from Well No. 6 to the elevated storage tanks, update the supervisory control and data acquisition (SCADA) system at all well and storage locations, and rehabilitate two elevated and one ground storage tank.	PADC	$2,202,950	30%			
65	22.50	10828	Honey Grove	M	TX0740003	2,280	Distribution improvements.	PDC	$275,000	30%			9222
66	22.50	10898	Texas State Technical College	S	TX1550138	2,502	Replace cast iron, calcified pipes with smaller pipes to provide adequate service and stop nitrification episodes.	PDC	$8,500,000		Yes-BC	$100,000	

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67	22.50	10474	Electra	M	TX2430002	2,896	Due to the prolonged drought and diminishing supplies throughout the state as well as the Cities of Iowa Park and Wichita Falls, Electra is proposing to rehabilitate their abandoned well field as well as rehabilitate their existing filtration water treatment plant equipment. A transmission line to transport this water to their purchased water storage tank for blending is also proposed.	PADC	$2,340,000	30%			
68	22.50	10488	Webb County	C	TX2400022	5,427	Rehabilitation of the water treatment plant and water distribution system.	PDC	$8,535,626	70%			
69	22.00	10784	Colorado City	M	TX1680001	4,281	Drill 14 new water wells east of Colorado City, build new elevated storage tank, and install 14 miles of 8-inch through 16-inch water line from the new wells to the existing supply line. The City has implemented water rationing since summer 2010 in an attempt to keep the city from running out of water. In 2010 the capacities of two wells in the Perkins well field dropped enough that they can no longer be used; the East well field was operated 24 hours a day for 3 consecutive months just to keep up with demand. The city has reached its water supply limit and needs additional wells.	PDC	$10,000,000	30%			
70	22.00	10795	Eagle Pass	M	TX1620001	35,826	Replacement of undersized water lines.	PDC	$64,319,125	30%	Yes-BC	$5,130,055	9621
71	22.00	10805	Greater Texoma UA	M	TX0910006	38,690	Replacement of 3,500 lf of existing 12 inch water main on the west side of Texoma Highway.	PDC	$400,978		Yes-BC	$400,978	
72	21.30	10871	Howard WSC	W	TX0700054	90	Interconnection to purchase water from Nash Forreston WSC.	PADC	$250,000				
73	21.00	10469	Paducah	M	TX0510001	1,186	The proposed project will include the installation of new water lines to eliminate leaks and reduce water loss.	PDC	$2,308,100	30%	Yes-BC	$2,309,000	
74	21.00	10463	Eastland	M	TX0670002	3,960	The proposed project will include the installation of new water lines to eliminate leaks and reduce water loss. Refer to Section II for detailed project description.	PDC	$982,900	30%	Yes-BC	$918,900	

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75	21.00	10853	Graham	M	TX2520001	8,716	Install additional transmission line from plant to distribution system and replace aging lines.	PDC	$1,893,000				
76	20.50	10847	Reklaw	M	TX0370039	594	Drill new water well.	C	$957,100	30%			9743, 10267
77	20.00	10890	Derby WSC	W	TX0820016	51	Upgrade the water system including new chlorine system, well repair and well meter replacement, replace water storage tank and accessories, prepare monitoring plan, prepare drought contingency plan, and prepare plant operations manual. These improvements are needed to meet TCEQ regulations and correct chlorination deficiencies.	PDC	$194,000	50%	Yes-BC	$10,000	10058
78	20.00	10687	Texas Water Company	I	TX0610051	59	Construct an interconnect line to the Town of Colony to address capacity issues.	DC	$99,800				
79	20.00	10880	Lass Water Company	I	TX1250033	111	Upgrade the water system including new chlorine system, well meter replacements and repairs, replace water storage tank and accessories, prepare monitoring plan, prepare drought contingency plan, and prepare plant operations manual. These improvements are needed to meet TCEQ regulations and correct chlorination deficiencies.	PDC	$954,000	70%	Yes-CE	$50,000	10085
80	20.00	10500	Carbon	M	TX0670015	272	Pump station improvements to increase the storage and pumping capacities to meet compliance.	PDC	$425,000	50%	Yes-BC	$425,000	
81	20.00	10723	Dell City	M	TX1150001	405	Install new Reverse Osmosis water treatment facility. Currently, Dell City has an osmotic system that is outdated and is no longer in use. Due to the age of the system, replacement parts are difficult to locate.	PADC	$1,129,275	70%			
82	20.00	10481	Elkhart	M	TX0010005	1,497	Install a new water well and pump to help alleviate insufficient water supply and low pressure. The project will also include plugging an abandoned/non-functioning water well.	PADC	$3,679,200	50%			
83	20.00	10790	West Tawakoni	M	TX1160012	3,600	Replace existing 2-inch lines with 6 inch lines and install fire hydrants.	PDC	$2,274,000	30%	Yes-BC	$2,274,000	

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84	20.00	10458	Rio Grande City	M	TX2140018	19,731	Construct a new 1.5 MG elevated storage tank to provide capacity and improve area distribution pressures. Rehab the two existing storage tanks as to provide the needed maintenance and bring the tanks into compliance with TCEQ.	PADC	$3,500,000	30%			
85	19.70	10470	Roma	M	TX2140007	17,839	Construct a new regional treatment facility and regional transmission system. Designed to be expanded to support multiple utilities in and around Starr County.	PADC	$50,578,000	50%			
86	19.00	10651	Twin Buttes Water System Inc.	P	TX2260026	44	Provide adequate supply to the system by providing an interconnect with the City of San Angelo water system. It will also allow for more control in treatment and quality.	ADC	$345,799				
87	16.90	10702	La Feria	M	TX0310003	7,149	Build a new water desalination plant to treat brackish and salt water. Due to exceptional drought conditions new water sources are needed to meet the community's demands. An emergency disaster proclamation has been issued by the Governor of Texas due to prolonged historic drought conditions.	PDC	$6,092,920	30%			
88	16.50	10511	Lyford	M	TX2450003	2,611	Installation of two ground water wells at the water treatment plant for a new water supply source, with construction of a 1.0 MGD reverse osmosis RO membrane treatment facility to treat the brackish ground water.	PADC	$3,460,000	50%			10363
89	15.50	10809	Mexia	M	TX1470004	6,790	Replacement of deteriorated water meters.	PDC	$1,880,000	30%	Yes-CE	$1,880,000	
90	15.00	10498	El Sauz WSC	W	TX2140028	1,110	The proposed project will provide first time water 8 service to (3) Colonias with no existing water service. Approximately 400 families will be provided with first time water service and an additional 500 existing customers will also benefit from the proposed improvements. Improvements consist of the construction of two deep wells, one 150,000 gallon elevated storage tank, approximately 275,000 L.F. of 8" & 6" diameter PVC water mains and the adoption of an asset management plan.	PADC	$8,979,000	70%			

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91	15.00	10685	Lass Water Company	I	TX2200117	7,347	Replace well to resolve system deficiencies.	PC	$89,000				
92	14.50	10403	Groveton	M	TX2280001	1,578	Construct water well and transmission main to supplement the current water supply, which is seasonally inadequate for current demand, specifically during drought conditions.	PADC	$2,195,000				
93	14.00	10672	Harris Co WCID # 36	D	TX1010239	12,432	Water line replacement and rehabilitation along with upgrades to water pumping facilities to prevent water loss and improve efficiencies.	PDC	$5,000,000	70%	Yes-BC	$876,200	
94	13.50	10746	Eden	M	TX0480001	2,807	Construction of a desalination system to be installed at the City's new water treatment plant. The City is in noncompliance of secondary standards for its groundwater supply, primarily for Total Dissolved Solids and chloride. Both concentrations in the City's groundwater violates the Maximum Contaminant Levels	PDC	$2,631,000		Yes-BC	$326,795	
95	13.50	10735	Grand Saline	M	TX2340003	3,028	Replacement of aged, deteriorated water lines and inoperable valves with a history of problems, and the development of an Asset Management Program.	PADC	$2,172,000	30%	Yes-BC	$695,500	
96	13.50	10712	East Rio Hondo WSC	W	TX0310096	18,996	New raw water pump station and transmission line to establish a new connection to an irrigation district. The new source is needed to replace the current source which is expected to run out in mid-2013. This project is needed to avert potential disaster due to ongoing extreme drought. Auto-read water meters with leak detection are also needed to replace current meters.	PADC	$7,375,548	30%	Yes-CE	$5,384,150	
97	13.50	10885	Port Arthur	M	TX1230009	57,755	Replace water lines to reduce leaks and increase pressure.	DC	$11,176,236		Yes-BC	$7,894,476	
98	13.00	10486	Stamford	M	TX1270003	3,636	The proposed project will include the installation of new finished water and raw water lines to eliminate leaks and reduce water loss. The project will also include replacement of the existing raw water pumps.	PDC	$12,812,000		Yes-BC	$12,812,000	

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99	13.00	10600	White River MWD	D	TX0540015	10,833	Rehabilitation of 8 existing municipal water supply wells; construction of 10 new water supply wells; well field storage; construct emergency backup well; general plant rehabilitation; distribution system rehabilitation projects; wind turbine construction; and reclaimed water project.	PADC	$39,718,118	50%	Yes-BC	$7,300,155	9525
100	13.00	10612	Sweetwater	M	TX1770002	12,091	The City will upgrade the membranes at the City's water treatment plant because they are currently not compliant with the new LT2 DIT regulations. Construction of a new elevated storage tank is needed to improve system pressure and volume because the City has difficulty in maintaining equal pressure and volume throughout its distribution system.	PDC	$8,057,000	30%			
101	13.00	10615	Weslaco	M	TX1080011	32,092	Replacement of existing 8" cast iron water line on 8th Street to reduce water loss.	PDC	$171,350		Yes-BC	$171,350	9960
102	12.50	10644	Swea Gardens Estates Water Utility	I	TX1010218	117	Install an interconnect with the City of Houston to provide treated purchase water directed into the distribution system pressured by the water provider.	PADC	$241,489				10320
103	12.50	10866	Hazy Hills WSC	I	TX2270091	219	Drill a new well to meet TCEQ pumping capacity requirements.	P	$94,000				
104	12.50	10865	Lass Water Company	P	TX2490049	315	Replace well to comply with TCEQ pressure, capacity, and contaminant rules.	PDC	$89,000				
105	12.50	10438	Blanket	M	TX0250013	400	Drill two new water wells; replace 2,700 LF of old, leaky water lines and old meters; and construct 1,300 LF of water lines to loop dead ends.	PDC	$800,000		Yes-BC	$320,600	
106	12.50	10877	New Ulm WSC	W	TX0080014	465	This project includes the construction of a new ground storage tank, a new pressure tank, booster pumps, and the replacement of 2,500 feet of asbestos distribution line.	DC	$471,965	70%			9806, 9920

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107	12.50	10786	Study Butte WSC	W	TX0220035	624	Replace water lines, install pressure reducing outages, inadequate chemical storage facilities valves, install well servicing rig to reduce and inadequate housing for plant equipment. Install chemical storage facilities and building upgrades to address system deficiencies, in downtime.	PDC	$1,256,000		Yes-BC	$1,256,000	
108	12.50	10535	Covington	M	TX1090021	660	Install new 50,000 gallon ground storage tank with yard piping and controls. The project will resolve a TCEQ Notice of Violation by reducing significant water loss and providing adequate pressure. The project will increase water pressure to over 35 PSI.	DC	$200,000				
109	12.50	10894	New Deal	M	TX1520015	801	Replace line with new 8-inch piping, and install a new 138,000 gallon standpipe (storage tank).The existing asbestos cement pipeline has deteriorated and the leaking line has become a health issue. This will also correct low water pressure in the southwest section of the City.	C	$1,033,000		Yes-BC	$692,000	9618, 10113
110	12.50	10679	Point	M	TX1900004	1,908	Replace the system meters with AMR smart meters to improve detection of water loss.	PDC	$429,700		Yes-CE	$429,700	
111	12.50	10491	Harris Co MUD # 50	D	TX1010719	3,594	This project proposes to complete a detailed inspection of the Crosby-Lynchburg water plant as well as design and construct improvements to the Crosby-Lynchburg water plant, the St. Charles water plant, and increase the distribution system line size in two locations.	DC	$3,448,033	30%			

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112	12.50	10430	Union WSC	W	TX2140004	5,292	Replacement and upgrades to existing water main distribution lines to address water and pressure losses. Installation of new main distribution lines and valves to improve water distribution efficiency and reduce water pressures deficiencies. Connection of existing residential and commercial water services to new water main distribution lines. Construction of a 250,000 gallon elevated storage tank. Finally, expansion of the existing water treatment plant from 1.5 MGD to 3.0 MGD.	PADC	$5,610,915	50%	Yes-BC	$650,000	
113	12.50	10832	Hondo	M	TX1630002	11,165	The proposed project will replace approximately 4.5 miles of aging water line to reduce water loss. Also replace the City's North Elevated Storage Tank (EST); rehabilitate the City Yard EST and Golf Course GST; and demolish the Spatz Road GST and high service pump station.	PDC	$4,520,000				9377, 9378, 10248
114	12.50	10574	East Rio Hondo WSC	W	TX0310096	18,996	Emergency funds requested to establish another delivery source from the Rio Grande River. The Cameron County Irrigation District #6 has an existing canal/resaca that is approximately 1/2 mile west of the ERHWSC's largest WTP. Project will include a raw water pump station and a 30-inch transmission line to the existing plant.	PDC	$1,905,745	30%			10284, 10302
115	11.50	10858	Twin Buttes Water System Inc.	P	TX2260026	44	Twin Buttes is developing an alternative water supply through the construction of an interconnection with San Angelo. Due to drought water production at their only water well is in decline and the system experiences periodic outages. They have supplemented water supply by trucking it in but this is costly and water quality is variable.	AC	$296,000		Yes-BC	$100,000	

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116	11.50	10717	Jefferson	M	TX1580001	1,935	Rehabilitate 3 storage tanks, install a pressure tank, mixer, and generator. Create an asset management plan to address degrading storage, lack of elevated storage in 2nd pressure plane, and the lack of water changeover in the standpipe	PDC	$1,593,000	30%	Yes-BC	$1,115,000	10050
117	11.50	10719	Jefferson	M	TX1580001	1,935	Replace water lines and create an asset management plan to address the aged and degraded system.	PDC	$3,583,080	30%	Yes-BC	$3,558,080	10052
118	11.50	10721	Atlanta	M	TX0340001	5,798	Install a new ground storage tank, rehabilitate another ground storage tank, rehabilitate both elevated storage tanks, install new water line with in-line meters, install new high speed pumps, and create an asset management plan.	PDC	$2,752,800	30%	Yes-BC	$578,088	
119	11.00	10799	Hico	M	TX0970002	1,379	Replacement of waterlines, deteriorated ground storage tank and aging water meters to address low water pressure issues.	PDC	$3,031,785	50%	Yes-BC	$3,100,000	9890
120	11.00	10725	Rio WSC	W	TX2140016	3,900	The proposed project will involve replacing the existing water meters with AMR water meter technology, cutting many costs for the corporation. With the new meters the corporation will be able to quickly identify waterline problems from the central metering program located at the City office. All monthly readings will be taken from the central programming center, therefore cutting the need to send out meter readers on a daily basis.	PDC	$938,852	30%	Yes-CE	$938,851	
121	11.00	10614	Weslaco	M	TX1080011	32,092	Replacement of existing 16" asbestos water line to reduce water loss.	PDC	$498,355		Yes-BC	$498,355	9959
122	10.50	10439	Rosebud	M	TX0730003	1,412	The City proposes to replace broken and/or malfunctioning water meters within their CCN with meters to prevent the water loss and to ensure the safety and well being of its customers. The City intends to prepare their Asset Management plan with assistance from TCEQ's FMT contractor.	DC	$476,600	30%	Yes-BC	$476,600	

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123	10.50	10731	Falcon Rural WSC	W	TX2140003	2,500	Replacing the existing water meters with Automatic Meter Reading (AMR) technology, cutting many costs for the corporation. With the new meters the corporation will be able to quickly identify waterline problems from the central metering program located at the corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis. P of an asset management plan will take place as well.	DC	$854,830	30%	Yes-CE	$854,829	
124	10.50	10602	West	M	TX1550009	2,695	Project to rehabilitate two existing water storage tanks, one elevated and one ground. If not already in place, this project will institute an asset management program.	PDC	$491,500	50%			10332
125	10.50	10466	West Tawakoni	M	TX1160012	3,600	Rehab existing ground storage tank and North elevated storage tank to correct identified deficiencies. The project also includes increasing high service pump capacity to supply 20-year projected capacities; construct a new ground storage tank, and extend the water intake structure deeper into Lake Tawakoni.	PDC	$1,575,075	30%			
126	10.50	10627	East Rio Hondo WSC	W	TX0310096	18,996	Installation of three 100 kW wind turbines and 45 solar power LED lights to offset the electrical demand for the water plants, and thirteen 1-kW hybrid green power sources to power the SCADA system and Automated Meter Reading (AMR) network. This system will increase the reliability and security of the water system.	PDC	$7,273,968	30%	Yes-CE	$7,220,101	
127	10.50	10502	Agua SUD	D	TX1080022	39,747	Installation of 6" and 8" lines by regular trenching and excavation method or pipe bursting technique, whichever is deemed feasible based on the existing water lines.	PDC	$1,065,000	30%			
128	10.00	10639	Lass Water Company	I	TX1250033	111	Construct new well, ground storage tank, and booster pump to alleviate deficiencies and come into compliance with TCEQ capacity rules.	PC	$195,000				

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129	10.00	10630	Bluff Dale WSC	W	TX0720036	300	Installation of a second well that will allow the continual distribution of water.	PADC	$301,020				9892
130	10.00	10421	Ralston Acres WSC	W	TX1010196	330	Update system and move mains from private backyards to the public streets.	PADC	$1,483,000	70%			
131	10.00	10477	Gustine	M	TX0470003	442	Replace ground storage tank.	PDC	$257,000	30%			
132	10.00	10676	Kendleton	M	TX0790018	499	Water system line replacements, water line extensions to unserved areas and water meter replacement.	DC	$1,039,900	30%	Yes-BC	$30,000	
133	10.00	10796	Graford	M	TX1820003	578	Replace existing old, deteriorated and leaking water lines.	PDC	$430,000		Yes-BC	$430,000	
134	10.00	10549	Strawn	M	TX1820005	632	Emergency project to abandon the old existing WTP and connect to the City of Ranger's water supply.	PADC	$1,580,000		Yes-BC	$1,580,000	10166
135	10.00	10908	Bandera Co FWSD # 1	D	TX0100011	847	Emergency construction of a new well, storage & pumping facilities, and lines to tie into the existing system.	PDC	$1,217,958				10064
136	10.00	10792	Lone Oak	M	TX1160006	900	Construction of new water plant and replacement of distribution lines.	PADC	$1,500,000	50%	Yes-BC	$150,000	
137	10.00	10766	Knox City	M	TX1380002	1,014	Three public water supply wells and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PDC	$1,250,000				10321
138	10.00	10499	El Sauz WSC	W	TX2140028	1,110	The proposed project will involve replacing the existing water meters with automatic meter-reading technology, cutting many costs for the Corporation. With the new meters the Corporation will be able to quickly identify waterline problems from the central metering program located at the Corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis.	DC	$348,750	50%			
139	10.00	10517	La Villa	M	TX1080023	1,500	The proposed project will include pump replacement and upgrades. A new elevated tank is included in the project.	PADC	$4,738,269	50%	Yes-BC	$312,000	

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140	10.00	10634	Siesta Shores WCID	D	TX2530004	1,700	Propose to repair all rust spots of standpipe and sandblast interior, coat and paint both interior and exterior. Upgrade any deficient regulations. Propose to replace ground storage tank with new tank next to existing one at plant and demolish old tank that has deteriorated. Includes bypass piping.	PDC	$500,000	30%			
141	10.00	10810	Clarendon	M	TX0650001	1,974	Replacement of cast iron mains with PVC and construction of an elevated tank	PDC	$2,465,000				
142	10.00	10636	Ralls	M	TX0540003	2,250	Install/retrofit existing meters with automatic readers, as well as replace problematic (leaking) distribution lines.	PDC	$586,396	30%	Yes-Comb.	$586,396	
143	10.00	10455	George West	M	TX1490001	2,524	Replace undersized water lines to meet TCEQ regulations on the maximum number of connections allowed. Project also includes upgrades to the water treatment plant.	PDC	$1,395,713	30%			
144	10.00	10819	Tahoka	M	TX1530002	2,837	Replace 60,000 l.f. of waterline with HDPE or PVC pipe and construction of a 1.5 mg ground storage tank.	DC	$3,141,500		Yes-BC	$1,810,000	
145	10.00	10750	La Joya	M	TX1080213	3,046	Installation of 32,811 feet of 8" PVC pipe, an 8" gate valve, a 4" fire hydrant valve, and a 2" flush valve are needed to alleviate inadequate water pressure. Also an Advanced meter reading infrastructure (AMI) system with leak detection will be installed throughout the potable water distribution system.	PDC	$3,102,414	30%	Yes-BC	$988,848	
146	10.00	10896	La Joya	M	TX1080213	3,046	Expand water treatment plant to alleviate inadequate water treatment capacity, install a new SCADA system, and install green power infrastructure including two 1OOKW wind turbines and 11 solar LED lights. These units will provide cost savings and reduce the utility's carbon footprint. The SCADA system will combine health monitoring and automatic meter-reading equipment with advanced power systems monitoring, physical security, and network cyber security.	C	$6,469,080	30%	Yes-BC	$2,450,000	

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147	10.00	10507	Llano	M	TX1500001	3,232	The proposed project would provide an alternative source of groundwater from the Hickory aquifer (near the town of Valley Springs) to supplement the City's water needs, particularly during drought conditions when flow in the Llano River becomes drastically reduced.	PADC	$10,868,500	50%			
148	10.00	10493	Harris Co MUD # 50	D	TX1010719	3,594	Design and construct a treated surface water line from Baytown Area Water Authority to the District, and related system improvements.	DC	$8,470,693	50%			
149	10.00	10789	Willow Park	M	TX1840027	4,926	Replace existing old and deteriorated waterlines with larger, PVC waterlines. The water system is experiencing significant water loss and low pressures in the area of the West Oak Development.	PDC	$684,000		Yes-BC	$684,000	
150	10.00	10509	Olmito WSC	W	TX0310026	5,001	Construct new 300,000 elevated storage tank.	PADC	$2,075,000	30%			
151	10.00	10593	Mathis	M	TX2050003	5,769	Replace two-inch water lines with looped eight-inch lines. The system currently exceeds the TCEQ standards for number of connections allowed on the two-inch lines resulting in low pressure for customers.	PDC	$1,385,834	30%			
152	10.00	10595	Mathis	M	TX2050003	5,769	System improvements include replacing valves and chemical feed pumps, rehabilitating clarifiers and raw water piping, and filling in lagoons.	PDC	$1,783,345	30%			
153	10.00	10578	Central Bowie County WSC	W	TX0190024	7,512	Create a water line loop along FM 561. The system has difficulty maintaining chlorine residuals because of dead end lines.	C	$88,000				
154	10.00	10753	Graham	M	TX2520001	8,716	Increase plant storage capacity from 1 MG to 2 MG to meet minimum capacity requirements	PC	$1,930,500				

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155	10.00	10884	El Campo	M	TX2410002	13,200	The City of El Campo intends to replace the existing asbestos cement and cast iron 6-inch water lines beneath US Hwy 71 with a new 12-inch PVC line to be located behind the curb and outside the TxDOT maintained pavement. The existing 6-inch line is undersized and experiences frequent leaks causing TxDOT pavement failures and traffic congestion on Hwy 71. In addition to the longitudinal line replacement, the City will replace all lateral lines, valves, and services beneath Hwy 71. These lateral lines range in size from 2 to 10 inches. In addition, all fire hydrants, valves and leads will be replaced along the route.	PADC	$4,025,000				
156	10.00	10575	East Rio Hondo WSC	W	TX0310096	18,996	Emergency funding to increase the flow of water between the east and west portions of the distribution system through installation of a new 16-inch PVC trunkline. ERHWSC is currently pursuing construction of a second well at the North Cameron Regional Water Plant to double current plant capacity. This new distribution trunkline would allow full utilization of that additional capacity.	PDC	$1,139,288	30%			10287, 10303
157	10.00	10703	San Benito	M	TX0310007	26,000	Water System Improvements.	ADC	$4,965,412	50%			
158	10.00	10631	San Juan	M	TX1080010	30,000	Elevate pre-treatment basin bottom to higher level to bring the basin bottom out of the existing ground water level, as well as replace existing synthetic liner with an earthen type constructed liner. Mixture of ground and surface water is causing difficulties with disinfection and treatment.	C	$4,820,000	30%			9730, 10178

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159	10.00	10734	Brownsville	M	TX0310001	172,437	The implementation of a third phase of leak detection and improvement projects in conjunction with the replacement of aging water meters. Specific project elements include conducting leak detection and improvements over 656 miles of the service area and the replacement of 9,714 water meters that were installed between 2003 and 2005 as part of the BPUB's maintenance program aimed at reducing overall municipal water demand.	C	$1,881,668		Yes-Comb.	$1,881,678	
160	8.80	10613	Brownsville	M	TX0310001	172,437	This project consists of the installation of a 24" waterline, along Hwy 77 that will loop existing water infrastructure in order to increase pressures and flows to the distribution lines in the northern areas of Brownsville. Due to the constant growth in areas of the northern part of the City of Brownsville, several areas need to be looped in order to increase pressure.	C	$1,079,523				
161	8.00	10797	Wiedenfeld Water Works	I	TX1630038	108	Drill new well into the Trinity Aquifer.	DC	$350,000				9883
162	7.00	10567	North Alamo WSC	W	TX1080029	155,704	Construction of a deep water well that can supply up to 1 million gallons per day is needed to supplement our dwindling supply of water due to growth and drought conditions.	PADC	$1,320,575				10256
163	6.50	10398	Tioga	M	TX0910007	803	Drill a new well approximately 1,600 feet deep into the Antlers formation to produce water with iron content below secondary limits, to replace well #2 . Improve energy efficiency with more efficient pump and motor and lower pumping head. Reduce unaccounted water usage by metering public facilities. Preparation of an asset management plan.	PADC	$1,050,000		Yes-BC	$762,000	10180
164	6.00	10545	Lower Colorado RA	D	TX0270045	195	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PC	$28,000		Yes-BC	$24,000	

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165	6.00	10544	Lower Colorado RA	D	TX1500008	374	LCRA (current owner) - Corix (future buyer) purposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PC	$60,000		Yes-CE	$50,000	
166	6.00	10543	Lower Colorado RA	D	TX1500037	1,518	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	DC	$225,000		Yes-CE	$195,000	
167	6.00	10516	Harris Co FWSD # 47	D	TX1010260	5,000	Replace old waterline with Class 150 C-900 PVC utilizing the most cost efficient construction method considering open-trench replacement and horizontal directional drilling. Installing a automatic water metering system will also help the District identify leaks more readily, increasing water efficiency.	PDC	$5,581,670		Yes-BC	$5,581,670	
168	6.00	10396	Houston	M	TX1010013	2,099,000	Install automatic meter reading devices to lower personnel and fuel costs and emissions.	C	$715,000		Yes-BC	$715,000	
169	6.00	10400	Houston	M	TX1010013	2,099,000	Replace water meters that have exceeded their useful life.	C	$3,300,000		Yes-BC	$3,300,000	
170	5.50	10804	Houston	M	TX1010013	2,099,000	Evaluate electrical systems & install redundant electrical power. Rehab or replace distribution pumps, motors, valves and piping at various facilities. Make improvements as necessary at Re-Pump Stations in order to provide efficient and reliable water service. Ground Water Facilities and Re-Pump Stations have electrical, pumping, and piping deficiencies, which are causing the system to be inefficient and unreliable.	C	$8,800,000				

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171	5.50	10806	Houston	M	TX1010013	2,099,000	Evaluate electrical systems & correct necessary deficiencies. Rehab or replace distribution pumps, motors, valves and piping at various facilities. Make improvements as necessary at Pump Stations in order to provide efficient and reliable water service. Pump Stations have electrical, pumping, and piping deficiencies, which are causing the system to be inefficient and unreliable.	C	$5,500,000				
172	5.40	10680	McAllen	M	TX1080006	141,060	Produce 6 MGD water source using geothermal energy/pressure to provide an alternative water source.	PADC	$16,430,000		Yes-Comb.	$16,430,000	
173	5.00	10618	Lass Water Company	I	TX1013143	23	Install pressure tank and replace well to resolve system deficiencies.	PC	$54,000				
174	5.00	10684	Lass Water Company	I	TX1013097	33	Install water pressure tank and replace well.	PC	$54,000				
175	5.00	10519	Evant	M	TX0500015	390	In order to address TCEQ Agreed Order and meet minimum TCEQ standards, the city must replace antiquated and leaking water distribution pipeline to eliminate severe water loss and lack of pressure. The City will install 560 LF of 6-inch and 1575 LF of 8-inch water pipeline.	DC	$200,000		Yes-BC	$200,000	
176	5.00	10553	North Alamo WSC	W	TX1080029	155,704	Replacement and upgrades to existing water main to address water and pressure losses and to improve water distribution efficiency. Install a new 250,000 gallons elevated storage tank, and connect existing residential and commercial water services to new water main distribution lines.	PADC	$3,954,500		Yes-BC	$2,886,800	10214
177	5.00	10568	North Alamo WSC	W	TX1080029	155,704	Construction of a new 1 million gallon elevated storage tank is needed to meet TCEQ capacity requirements.	PADC	$3,059,360				10257
178	4.00	10542	Lower Colorado RA	D	TX1410002	2,772	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PC	$330,000		Yes-CE	$300,000	

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179	4.00	10736	Harris Co MUD # 148	D	TX1010938	3,141	Replacement of aged, deteriorated water lines and inoperable valves with a history of problems and the development of an Asset Management Program.	PDC	$1,001,000		Yes-BC	$966,000	
180	4.00	10472	Euless	M	TX2200031	51,200	The project will extend the existing City of Euless Reclaimed Water System, which currently serves a golf course and athletic fields. An expansion of the reclaimed water system will serve apartment complexes and developments along Bear Creek Parkway. Phase 1 of the expansion is currently under construction. This project would fund Phase 2 of the expansion.	PADC	$2,502,000		Yes-CE	$2,502,000	
181	3.50	10541	Lower Colorado RA	D	TX1500011	120	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PDC	$161,000		Yes-Comb.	$138,000	
182	3.50	10548	Lower Colorado RA	D	TX1500009	288	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PC	$50,000		Yes-BC	$40,000	
183	3.50	10540	Lower Colorado RA	D	TX0270011	1,296	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PDC	$272,000		Yes-Comb.	$235,000	
184	3.50	10569	Grand Saline	M	TX2340003	3,028	This project will reduce water loss by replacing old, malfunctioning water meters with new automatic meter reading system.	PDC	$470,000		Yes-CE	$470,000	

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185	3.50	10504	Brookesmith SUD	D	TX0250004	9,045	Replace old water lines.	PDC	$2,531,000		Yes-BC	$2,531,000	
186	3.50	10820	Alice	M	TX1250001	19,744	Rehabilitation of the 22.5 mile, 20-inch transmission main by slip lining.	PAD	$414,000		Yes-BC	$414,000	
187	3.00	10393	Fayetteville	M	TX0750001	279	This project includes installation of a new water well and development & adoption of an asset management plan.	DC	$368,500				
188	3.00	10624	Lilbert-Looneyville WSC	W	TX1740013	618	New well, 30,000 gal. GST, pressure tank, and asset management plan to increase water supply and pressure.	PDC	$969,314		Yes-BC	$175,000	10039
189	3.00	10457	Moore WSC	W	TX0820012	717	The Moore WSC proposes to conduct a leak detection study to identify any major leaks, an elevated storage tank to provide proper pressures to all residents, automatic meter readers, and replacement of small lines in order to provide additional services.	PDC	$2,123,345		Yes-BC	$160,800	
190	3.00	10713	Craft-Turney WSC	W	TX0370016	4,968	New well and treatment plant, ground storage tank, pressure tank, water lines, and asset management plan to address insufficient water supply, storage, pressure, and system looping.	PADC	$2,002,560				10046
191	3.00	10623	D & M WSC	W	TX1740010	5,742	Install new well, high service pump station, a pressure tank, and ground storage tank to alleviate insufficient water and storage capacity. This project will also design and implement an Asset Management Plan.	PDC	$1,389,764				10038
192	3.00	10625	D & M WSC	W	TX1740010	5,742	Install new well and pumps, and rehabilitate the existing well and ground storage tank to alleviate insufficient water and storage capacity and low water pressure.	PDC	$1,145,750		Yes-BC	$50,000	10040
193	3.00	10807	Houston	M	TX1010013	2,099,000	Rehabilitate existing tanks, including replacement of cone roof, roof rafters, interior columns and supports with prefabricated aluminum dome roof structure. Install new appurtenances. Apply protective coating. Install new tank as necessary. Water storage tanks are in deteriorated condition.	C	$8,800,000				

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194	3.00	10808	Houston	M	TX1010013	2,099,000	Rehabilitate ground water wells. Ground water wells are experiencing decreased production capacity.	C	$6,600,000				
195	3.00	10811	Houston	M	TX1010013	2,099,000	Drill a replacement ground water well within the same easement area. Ground water wells have reached the end of their useful life and are unable to be rehabilitated further.	C	$8,250,000				
196	3.00	10814	Houston	M	TX1010013	2,099,000	Add thickened sludge holding tank for Plant 1 & 2. Install sludge collection system for surge basin. Separate Plant 1 & 2 thickened sludge flow from Plant 3 unthickened flow to increase sludge percentage into sludge dewatering facilities. Increase volume for surge basin backwash. Sludge thickening is inefficient and filtration operations are unreliable. Polymer dosage for dewatering process is high.	C	$12,650,000				
197	3.00	10815	Houston	M	TX1010013	2,099,000	Install bulk storage tanks for lime, caustic, aluminum sulfate, powder activated carbon & ammonia. Rehab chemical feed system. Modify chemical loading & unloading areas. Chemical storage capacity is inadequate and unreliable at East Water Purification Plant No. 1.	C	$9,735,000				
198	3.00	10816	Houston	M	TX1010013	2,099,000	Rehab or replace switchgears at East Water Purification Plant No. 3. Switchgears at East Water Purification Plant No. 3 are old and near failure. This is a critical component for the safe operation of the plant.	C	$8,250,000				
199	2.50	10875	Royal Oaks Apartments	P	TX0860080	45	Connection with the City of Fredericksburg, which is one mile away, to address nitrate issue.	PADC	$43,700				
200	2.50	10564	Lass Water Company	I	TX1011459	48	Install pressure tank to comply with TCEQ pressure and capacity rules.	PC	$23,000				
201	2.50	10619	Lass Water Company	I	TX1160097	93	Install water pressure tank and replace well to resolve system deficiencies.	PC	$120,000				
202	2.50	10669	Lass Water Company	I	TX0610016	195	Install well, ground storage tank, and booster pump to resolve system deficiencies.	PC	$97,500				
203	2.50	10390	Midway	M	TX1570003	300	Construct and install filters.	PDC	$297,000				

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204	2.50	10787	Parker County SUD	D	TX1840025	390	Material costs for 0.1 MG elevated storage tank to meet TCEQ storage requirements and reduce water loss.	PADC	$250,000		Yes-BC	$250,000	
205	2.50	10546	Lower Colorado RA	D	TX0270081	471	LCRA (current owner) - Corix (future owner) proposes to partially decommission the existing water treatment facilities and construct additional treatment facilities to increase capacity from 0.19 MGD to 0.23 MGD. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PDC	$638,000		Yes-Comb.	$60,000	
206	2.50	10803	Kosse	M	TX1470003	497	Drill two wells, construct a water plant, pressure/pumping facilities, and storage facilities, and distribution lines to remove dependency from WSC. The City purchases water from Tri-CountyWSC which contains arsenic.	PADC	$2,476,000				
207	2.50	10629	Matador	M	TX1730001	740	Replacement of deteriorated water transmission and distribution lines.	PDC	$730,000		Yes-BC	$500,000	9893
208	2.50	10518	Royalwood MUD	D	TX1010201	1,017	Replace old ground storage tanks with new tanks (same capacity). Upgrade motor control centers at both water plants to ensure pumps continue to operate without interruption for lack of compatible parts. Upgrade control build-ins to prevent degradation of new controls. Replace old chlorinator and chlorine buildings. Install generators at both water plants to ensure continuous operation under power failure without having to open emergency interconnect. Upgrade access to site for emergencies.	PDC	$1,461,850		Yes-BC	$375,695	
209	2.50	10411	Etoile WSC	W	TX1740011	2,502	Filter out organics reacting with chlorine to keep disinfection byproducts to a minimum and reduce the amount of water needed to waste (ABOUT 50%-70%).	PADC	$2,276,435				

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210	2.50	10762	Groesbeck	M	TX1470002	4,296	Acquire an off channel rock quarry to use as an additional water source. The City will construct a new pump station and pipeline in order to transmit the water from the quarry to Lake Groesbeck. Will also complete an asset management plan.	PDC	$10,252,000				
211	2.50	10716	Craft-Turney WSC	W	TX0370016	4,968	Install new automatic meter-reading system and develop asset management plan.	PDC	$1,261,000		Yes-CE	$968,000	10049
212	2.50	10821	Rio Grande City	M	TX2140018	19,731	Replace existing broken/malfunctioning water meters with 100% lead-free smart meters with built in leak detection. Install AMR system.	DC	$3,558,630		Yes-CE	$3,558,330	
213	2.50	10554	North Alamo WSC	W	TX1080029	155,704	Emergency project to provide water through new distribution lines to the towns of San Perlita, La Sara, Port Mansfield and the areas surrounding Raymondville which currently have pressure deficiencies. This will also alleviate water pressure issues currently experienced by these systems.	PADC	$793,944				10255
214	2.00	10829	Lake Palo Pinto Area WSC	M	TX0470001	1,584	Surface water treatment plant expansion, booster disinfection, and new elevated storage tank.	C	$1,624,060		Yes-BC	$883,440	9490, 9897, 9648, 10230
215	2.00	10854	Greater Texoma UA	M	TX0910001	1,941	Drill and complete a new 300 gpm "Paluxy" formation water supply replacement well.	PADC	$1,207,824				
216	2.00	10456	Springtown	M	TX1840003	2,650	Project includes the following: relocate the backwash recycle point ahead of the pretreatment bypass connection and polymer injection; optimize the Trident Filtration System; install isolation valves on the recycle pump station on the influent lines at the backwash ponds; install a decant weir and pump station at the sludge holding pond; install a sludge dewatering device to remove settled solids; install a solids transfer pump station; miscellaneous improvements to the chlorination system; and miscellaneous yard piping associated with the new sludge dewater system, transfer pumps, and chemical feed system.	PDC	$2,188,551				

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217	2.00	10857	Greater Texoma UA	W	TX0490016	2,670	Drill a supplemental well.	PDC	$1,188,265				
218	2.00	10771	Greater Texoma UA	M	TX0910009	3,046	Replacement of water lines.	PDC	$1,080,685		Yes-BC	$1,080,685	
219	2.00	10831	Castroville	M	TX1630005	3,678	Water line replacement project.	DC	$2,373,600				9299, 9899, 9655
220	2.00	10823	Burnet	M	TX0270001	4,735	Distribution system improvements to address system pressure.	C	$1,343,777	70%	Yes-Comb.	$1,375,000	8480, 9900
221	2.00	10801	Borger	M	TX1170001	14,203	Augment existing primary well field into adjacent water rights area owned by City to increase production capacity and dilute water produced by the wells having high chlorides. Increased production will allow the system to operate below the 85% threshold required by TCEQ.	ADC	$35,596,300				
222	2.00	10791	Alice	M	TX1250001	19,744	This project would add 19 wells along the course of the 20" raw water transmission main and would add approximately 25.36 acre- feet of water/day or 9,257 acre- feet per year to the City's potable water. With the drought the past two years and with increased commercial and industrial development, it is increasingly important to provide additional resources to the City's potable water. This project implements recommended water management strategies in the 2012 State Water Plan.	PAD	$4,694,138				
223	2.00	10616	Weslaco	M	TX1080011	32,092	A new well to supplement existing system to address potential drought issues.	PDC	$3,785,000		Yes-CE	$300,000	9961

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224	2.00	10444	Central Texas WSC	W	TX0140161	51,000	Install 49,500 L.F. of water line following Hwy. 95 from Granger to existing line. Install 86,000 L.F. of water line following F.M. Hwy 2095 and Hwy 190 from a new water well near Hanover west to an existing water line. Install pump station and 200,000 gallon ground storage tank at well site, 200,000 gallon ground storage tank at existing water line site in Pettibone. Install pump station at existing site in Pettibone to pump water to Buckholts and Rogers. Recondition existing water well in Buckholts, provide R.O treatment plant and pump station to pump water to Rogers. Install 85,000 L.F. water line from Cameron, extending along Hwy 77 north to existing water line in Rosebud. Water well in Trinity Aquifer and water line to connect to existing. Another water well in Trinity Aquifer to Doc L. Curb water treatment plant.	PADC	$24,825,000				
225	2.00	10849	Amarillo	M	TX1880001	190,695	Design phase and construction services of a proposed 36-inch transmission main from the City of Amarillo's Osage Water Treatment Plant south and west to the City of Amarillo's Arden Road Pump Station (approximately 7.63 miles). Project includes additional pump and 2.5 million gallon ground storage tank at the Arden Road Pump Station.	ADC	$18,716,183				9757
226	2.00	10412	Laredo	M	TX2400001	199,715	This project will help to reduce the number of water line breaks; decrease the possibility of contamination of the water distribution system; reduce the amount of unaccounted water losses; lowers the amount of water used per capita per day; and decrease the peak and average flows of the water treatment plants.	C	$5,455,000		Yes-BC	$5,455,000	

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227	2.00	10521	El Paso PSB	M	TX0710002	631,253	The proposed expansion will increase treatment capacity from 60 to 80 mgd allowing El Paso Water Utilities to divert and treat additional surface water from the Rio Grande Project when available (typically during the irrigation season). Optimizing their existing water rights increases the utility's diversified water supply portfolio through expanded conjunctive management of various water supply sources.	ADC	$70,000,000		Yes-BC	$16,913,038	
228	2.00	10525	El Paso PSB	M	TX0710002	631,253	The project is a groundwater importation and source water protection project for EPWU. The project includes planning, land acquisition, design, and construction of production, treatment, and transmission facilities to pump at least 20,000 acre-feet of groundwater per year from the 47,000 acre Hueco Ranch. Water from the area will be delivered into an existing EPWU transmission pipeline on the east side of El Paso. Hueco Ranch is located approximately 20 miles east of El Paso. Source water protection will be applied to the entire ranch which provides runoff and recharge to the groundwater.	PA	$94,700,000				10532
229	1.50	10874	Lower Colorado RA	D	TX0270078	147	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	PC	$15,000		Yes-CE	$13,000	
230	1.30	10763	Westbound WSC	W	TX0670027	2,342	Install a water softener at the existing well field and develop four wells in a proposed new well field.	PDC	$2,000,000				
231	1.00	10643	Laredo	M	TX2400001	199,715	The system will lower its losses from 11% to 10% through installation of radio read meters.	C	$11,701,058				10315
232	0.50	10691	Jarrell	M	TX2460169	10	DWSRF funds will allow the City of Jarrell to purchase a nearby water system.	PA	$2,150,000				

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233	0.50	10440	Malone	M	TX1090004	260	The City proposes to replace broken and/or malfunctioning water meters within their CCN with meters to prevent the water loss and to ensure the safety and well being of its customers. This will also result in water efficiency. The City intends to prepare their Asset Management plan with assistance from TCEQ's FMT contractor.	DC	$179,000		Yes-BC	$179,000	
234	0.50	10443	Cranfills Gap	M	TX0180013	356	Replace broken and/or malfunctioning water meters within the CCN to prevent water loss and to ensure the safety and well being of customers. This will also result in water efficiency. The City intends to prepare their Asset Management plan with assistance from TCEQ's Financial, Managerial, & Technical contractor.	DC	$164,600		Yes-BC	$164,600	
235	0.50	10539	Brushy Creek MUD	D	TX2460050	582	Complete replacement of the existing interior system. Replacement of the branch transmission line that connects Brushy Bend Park to the source of treated water. Includes construction of a new transmission main for service reliability and creation of an asset management plan.	C	$2,400,000		Yes-BC	$2,400,000	
236	0.50	10628	Lilbert-Looneyville WSC	W	TX1740013	618	Install 6-inch lines system-wide and an asset management plan to address system deficiencies & provide looping.	PDC	$1,004,783				10043
237	0.50	10709	Lilbert-Looneyville WSC	W	TX1740013	618	Install new water lines to replace deteriorating lines, line looping, and establish an asset management plan to address system deficiencies.	PDC	$985,609				10033
238	0.50	10621	Cushing	M	TX1740001	1,236	New 100,000 gallon elevated storage tank and pump station are needed to replace aging infrastructure that is in poor condition. An asset management plan will also be designed and implemented to coordinate future infrastructure needs.	PADC	$1,341,430		Yes-BC	$300,000	10036

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239	0.50	10445	Cottonwood Shores	M	TX0270013	1,515	Upgrade existing 0.5 MGD water treatment plant to 1.0 MGD. Add high service pumps and upgrade raw water pumps and automatic controls at Quarry Site. The City will complete an asset management plan as part of the proposed project.	PDC	$3,816,500		Yes-CE	$75,000	
240	0.50	10453	Troy	M	TX0140037	2,217	Construct new water supply municipal well system. The project will also include the construction of the associated ground storage tanks, water pump station and water main installation as required to connect to the existing distribution system. This project also includes the preparation of an Asset Management Plan.	PADC	$1,930,000		Yes-BC	$250,000	
241	0.50	10705	Swift WSC	W	TX1740019	2,376	Install approximately 21,000 linear feet of new 6" PVC lines to replace aging and decaying asbestos cement pipe within system and prepare an asset management plan to coordinate future infrastructure needs.	PDC	$594,977		Yes-BC	$619,977	10029
242	0.50	10454	Morgan's Point Resort	M	TX0140116	4,063	Construct new water supply municipal well field system. The project will also include the construction of the associated ground storage tanks, water pump station, disinfection/treatment and water main installation as required to connect to the existing distribution system. This project will also include the preparation of an Asset Management Plan.	PDC	$1,840,000		Yes-BC	$200,000	
243	0.50	10710	Rusk	M	TX0370003	5,340	Install 16,250 LF of 10" water line, 18 Fire Hydrants, 6 Air Release Valves, 7 Gate Valves, and 3 Road Bores to address insufficient line sizing and design. Implement an Asset Management Plan to coordinate future infrastructure needs.	PADC	$775,906				10034

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244	0.50	10571	Orangefield WSC	W	TX1810186	6,172	The project would provide critical first time water service to approximately 500 low to moderate income families living within the area. This project also includes the preparation of an asset management plan. This project will alleviate the hazards faced by poorly designed water wells & septic tanks.	PDC	$5,930,000				
245	0.50	10812	Marshall	M	TX1020002	23,854	Extension of an 8-inch PVC water line to provide looping and address delivery deficiencies. Implement asset management plan.	PADC	$2,756,208				10205
246	0.50	10813	Marshall	M	TX1020002	23,854	Installation of an Automatic Meter Reading and leak detection system.	PADC	$6,243,636		Yes-CE	$4,292,520	10206
247	0.00	10667	Lass Water Company	P	TX1250039	120	Install ground storage tank and booster pump to resolve system deficiencies.	PC	$128,000				
248	0.00	10888	Lass Water Company	I	TX0610016	195	Install water meters to address system deficiencies.	C	$26,400				
249	0.00	10394	Kenedy County	C	TX1310001	250	The project includes installation of meters and rehabilitation of an elevated storage tank.	PDC	$720,000				
250	0.00	10434	Westphalia WSC	W	TX0730019	282	Replace 1,800 gallon tank with a 3,000 gallon tank. The project also includes replacing and lowering the well pump.	C	$88,146				
251	0.00	10785	Gustine	M	TX0470003	442	Rehabilitate existing 30,000 gallon storage tank.	PDC	$142,000		Yes-BC	$142,000	
252	0.00	10642	Buffalo Gap	M	TX2210003	648	Replace approximately 8,200 lf of water line and associated appurtenances.	DC	$400,000				10316
253	0.00	10882	Holly Huff WSC	W	TX1210004	729	Drill new 200 GPM well.	PDC	$200,000				
254	0.00	10788	Palo Pinto WSC	W	TX1820004	957	Replacing existing distribution lines which cause significant water loss and water outages.	PDC	$1,519,000		Yes-BC	$1,469,000	
255	0.00	10859	Munday	M	TX1380003	1,252	A public water supply well and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PADC	$460,000				
256	0.00	10527	Quitman	M	TX2500003	2,140	Replace existing treatment equipment and install additional treated water line from the water treatment plant.	PADC	$10,821,738				
257	0.00	10461	Daingerfield	M	TX1720001	2,359	Replace current meters with radio read meters and install electronic computer programming to process in-house.	PDC	$851,104		Yes-BC	$731,150	

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258	0.00	10778	Anson	M	TX1270001	2,556	The city plans to re-pipe four clearwells with new piping and valves and provide a by-pass for redundancy which the system does not currently have. The city also plans to provide a building around the clarifier and filter structure. The City of Anson has four 100,000 gallon clearwells at their WTP. The piping and valves between them as well as one of the high service pump structures is over 40 years old. Secondly, the current clarifier and filter structure are exposed to blowing dirt and debris causing turbidity issues in the City's treatment process.	PDC	$1,100,000				
259	0.00	10650	Greater Texoma UA	W	TX0490016	2,670	Replace all asbestos cement pipe with polyethylene pipe and provide distribution system with needed storage.	PDC	$3,325,183				
260	0.00	10856	Greater Texoma UA	W	TX0490016	2,670	Replace 20 miles of old asbestos cement pipe that is in poor condition.	PDC	$8,591,688		Yes-BC	$8,591,688	
261	0.00	10607	Edcouch	M	TX1080003	2,878	Replacing the existing water meters with Automatic Meter Reading (AMR) technology, cutting many costs for the City. With the new meters the City will be able to quickly identify water line problems from the central metering program located at the corporation office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis. Planning of an asset management plan will take place as well.	PDC	$633,106		Yes-CE	$633,106	
262	0.00	10770	Anahuac	M	TX0360001	2,880	Replace water lines and install fire hydrants.	PADC	$616,965		Yes-BC	$418,965	
263	0.00	10793	West Odessa WSC	W	TX0680215	3,000	The WSC is proposing to construct a 12" treated water transmission pipeline from Odessa. The WSC is also proposing to construct a distribution system with an elevated tank and a pump station. The Corporation has an unserved population that either hauls water or depends on shallow wells which have poor quality and low quantity.	PADC	$10,500,000				

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264	0.00	10742	Greater Texoma UA	M	TX0910009	3,046	Upgrade disinfection system.	PDC	$156,479				
265	0.00	10883	Greater Texoma UA	M	TX0910009	3,046	Connect to the Collin-Grayson Municipal Alliance distribution system.	C	$3,286,064				
266	0.00	10772	Merkel	M	TX2210002	3,098	Construct a new 250,000 gallon elevated tank and demolish the old tank that currently has several TCEQ violations:290.43 (c)(B)-deterioration of interior and exterior coating; 290.43 (c) (2) inadequate diameter for roof hatch; 290.43 (c) (3)-Overflow pipe does not extend to the ground.	PDC	$1,000,000				
267	0.00	10867	Haskell	M	TX1040001	3,141	Three public water supply wells and a transmission line will be constructed to blend well water with the purchased water from NCTMWA.	PADC	$1,400,000				10330
268	0.00	10690	Dilley	M	TX0820001	5,186	Install a new water well, treatment, ground storage, elevated storage, high service pumps, and pipelines to replace old well/pump and other deficiencies.	PADC	$4,800,000				
269	0.00	10708	Canton	M	TX2340001	5,194	Treatment plant improvements include backup power and head pumps. A new transmission line is also needed to feed a new elevated storage tank.	PDC	$1,805,000				
270	0.00	10751	Maxwell WSC	W	TX0280003	5,245	Replace old water meters with new Automatic Meter Reading (AMR) system and purchase leak detection equipment. The system is currently experiencing high water loss.	C	$410,000		Yes-CE	$410,000	
271	0.00	10436	Brady	M	TX1540001	5,324	Extend a 12-inch water main with an 8-inch branch main to loop-in water distribution system to the hospital for improving water capacity and pressure requirements.	ADC	$804,600		Yes-BC	$4,000	
272	0.00	10410	San Diego MUD # 1	D	TX0660003	5,600	Replace water lines with PVC C-900 pipe.	PDC	$1,011,000				
273	0.00	10682	Elsa	M	TX1080005	6,000	Water treatment plant improvements, including chlorination, lagoon pumping/piping, and storage tank repair.	PDC	$1,420,750		Yes-BC	$47,000	

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274	0.00	10397	Harris Co WCID # 89	D	TX1012370	6,666	The proposed project includes removal and replacement of the existing ground storage tank, rehabilitation of on-site hydropneumatic tanks, modifications and improvements to existing booster pump building, and rehabilitation of yard piping.	DC	$1,130,000				
275	0.00	10726	La Grulla	M	TX2140006	6,693	The proposed project will involve replacing the existing water meters with automatic meter-reading technology, cutting many costs for the City. With the new meters the City will be able to quickly identify waterline problems from the central metering program located at the city office. All monthly readings will be taken from the central programming center therefore cutting the need to send out meter readers on a daily basis.	PDC	$1,578,259		Yes-CE	$1,578,259	
276	0.00	10487	Bastrop	M	TX0110001	8,836	AMI Meter Project.	C	$1,700,000		Yes-BC	$1,043,230	
277	0.00	10646	Brookesmith SUD	D	TX0250004	9,045	Purchase 3,045 radio read meters to be installed by the Owner. This will allow for less vehicle use and manpower and increased system efficiency through increased meter accuracy reducing water loss.	PDC	$975,000				10319
278	0.00	10560	Liberty	M	TX1460003	9,729	Well field rehabilitation including possible replacement of well, distribution pumps, and ground storage tank. The only two functioning wells are overworked and showing signs of loss.	PDC	$1,447,300				
279	0.00	10561	Liberty	M	TX1460003	9,729	Construct a 150,000 gallon elevated storage tank to remedy low water pressure in the Northeast service area.	PADC	$1,275,600				
280	0.00	10562	Liberty	M	TX1460003	9,729	Construct new well, ground storage tank, and pumps to supplement existing malfunctioning well that produces low quality water.	PDC	$2,345,200				
281	0.00	10876	Midland County UD	D		16,834	The proposed project will create a utility district for the County of Midland, southeast of the City of Midland. The Midland County Utility District will provide first time adequate water services to residents in this area.	PDC	$126,855,668				

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282	0.00	10462	San Juan	M	TX1080010	30,000	Rehabilitate and upgrade existing plant to current standards.	PDC	$3,435,000				
283	0.00	10665	Weslaco	M	TX1080011	32,092	Acquire property adjacent to existing water treatment plant for expansion and additional storage.	A	$832,320				
284	0.00	10830	Beaumont	M	TX1230001	131,000	Extend a 36-inch diameter water transmission line from the Water Plant on Pine Street to the new 2 million gallon elevated storage tank on Dishman Road.	ADC	$9,297,000				9891
285	0.00	10609	Brownsville	M	TX0310001	172,437	Construction of new water infrastructure, including main lines and metered service lines. As part of a negotiation with Military Highway Water Supply Corporation (MHWSC), BPUB will be adding water customers currently served by MHWSC from areas in Northwest Brownsville and along US HWY 281 in the Villanueva Colonia area.	C	$1,743,221				
286	0.00	10817	Brownsville	M	TX0310001	172,437	Update and replace filter media and underdrains. Replace surface wash system and update electrical systems to address excess turbid and aging system.	DC	$4,773,829				
287	0.00	10413	Laredo	M	TX2400001	199,715	24" waterline along IH-35.	C	$3,046,418				
288	0.00	10415	Laredo	M	TX2400001	199,715	24" water transmission line along US-59.	C	$2,680,079				
289	0.00	10416	Laredo	M	TX2400001	199,715	24" waterline west side of Loop 20 (Casa Verde Rd.).	C	$4,600,000				
290	0.00	10417	Laredo	M	TX2400001	199,715	24" waterline west side of IH-35.	C	$6,820,000				
291	0.00	10537	San Antonio Water System	M	TX0150018	1,596,714	This project includes the replacement of electrical switchgear, replace the chlorine gas system with on-site sodium hypochlorite generation system, upgrade the fluoridation equipment, and replace valves and yard piping.	C	$12,410,000				
292	0.00	10800	San Antonio Water System	M	TX0150018	1,596,714	Replacement of approximately 60,000 l.f. of 6-inch to 12-inch water main.	C	$3,490,199		Yes-BC	$3,490,199	

Source Water Protection

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1	102.00	10532	El Paso PSB	M	TX0710002	631,253	The project is a groundwater importation and source water protection project for EPWU. The project includes planning, land acquisition, design, and construction of production, treatment, and transmission facilities to pump at least 20,000 acre-feet of groundwater per year from the 47,000 acre Hueco Ranch. Water from the area will be delivered into an existing EPWU transmission pipeline on the east side of El Paso. Hueco Ranch is located approximately 20 miles east of El Paso. Source water protection will be applied to the entire ranch which provides runoff and recharge to the groundwater.	PA	$94,700,000				10525
Totals		**293**							**$1,588,223,457**	**92**	**124**	**$259,355,901**	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction
Green Type: BC-Business Case; CE-Categorically Eligible; Yes-Comb.-Project consists of both CE and BC components.

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Public Water System												
1	607.00	10505	Millersview-Doole WSC	TX0480015	3,374	Treating well water at the source and blending with surface water.	PDC	$578,000				
2	359.10	10824	Robert Lee	TX0410002	1,031	New wells, transmission line for purchased water, SWTP upgrades, new intake and replace meters.	C	$9,775,400	70%	Yes-BC	$198,908	9809, 9211
3	287.80	10825	Bronte	TX0410001	977	Four new wells, raw water transmission lines, treatment plant expansion, finished water transmission lines and new standpipe.	C	$6,698,960	30%	Yes-CE	$493,177	9840, 9110
4	236.40	10873	East Lake Buchanan Regional WS		-	Corix proposes to construct a regional surface water treatment plant (0.5 MGD initial phase) along with 90,000 gallon regional storage tank, intake structure, raw water pipeline and regional transmission mains to connect adjacent groundwater systems experiencing similar radionuclide issue.	PADC	$7,022,000		Yes-BC	$607,200	
5	211.10	10783	Brady	TX1540001	5,324	Radium reduction groundwater treatment improvements for meeting USEPA Compliance rules for radionuclides in drinking water.	ADC	$9,827,449	50%	Yes-BC	$400,000	9638, 9198, 10157
6	165.00	10826	Menard	TX1640001	1,493	New WTP, new wells and well rehabilitation.	C	$5,075,000	50%	Yes-CE	$194,594	9160, 9896
7	161.60	10892	Upper Leon River MWD	TX0470015	2,316	Replace the existing conventional filters at the water treatment plant with a new membrane filtration system. Upgrade existing transfer pump stations with new low-voltage pumps, motors and motor control centers.	C	$14,031,000	30%	Yes-BC	$6,100,500	9626, 10104
8	145.00	10512	D Bar B Water & WW SC	TX0570082	219	Evaluate alternatives and implement solution that may include either additional filtration at existing source, a new well to PWS standards, or possible interconnection.	PDC	$200,000				

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9	143.70	10580	Upper Leon River MWD	TX0470015	2,316	Emergency project to develop a groundwater supply source to augment existing surface water supplies to provide additional raw water to the District in the event that the water level in Lake Proctor drops too low.	PADC	$5,179,000	30%			10290, 10306
10	141.20	10782	Gorman	TX0670003	1,236	Drill new water well and build a new 100,000 elevated tank to replace an existing 75,000 gallon elevated tank which has lead based paint and is in a state of disrepair. Additional water is needed for new connection requests from the City of Desdemona.	PAD	$393,000	50%			
11	132.80	10515	Cameron	TX1660001	5,500	Treatment plant and distribution system improvements.	PDC	$1,829,000	30%	Yes-BC	$940,000	
12	111.10	10601	Lawn	TX2210005	927	Abandon WTP and construct new treated water supply; build taller standpipe; replace old and deteriorated water lines.	C	$4,427,400	70%			9625
13	94.00	10872	Lower Colorado RA	TX0270008	378	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also proposes constructing a 10-inch pipeline to interconnect the system to the LCRA-Corix Lake Buchanan Water System to address Buena Vista Water System's numerous TCEQ violations.	ADC	$770,000		Yes-CE	$130,000	
14	85.30	10822	Live Oak Hills Subdivision	TX1540012	60	Install a radium removal system with plumbing and a building to house it.	C	$100,000				9888
15	85.30	10777	Paint Rock	TX0480012	280	Construct a new microfiltration water treatment plant to replace the current antiquated plant that has a failing roof, an inadequate electrical system, and a building that is in disrepair.	PD	$364,000	70%			

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16	82.50	10889	Cyndie Park II WSC	TX1780050	66	Upgrade the water system with a new chlorine system; new well and well meter; replacement water storage tank and accessories; and preparation of a drought contingency plan, plant operations manual, and monitoring plan. The water system currently lacks appropriate chlorination facilities and their water has exceeded allowed levels for arsenic, total dissolved solids, and chloride, as well as numerous other violations.	PD	$124,000	70%	Yes-BC	$2,507	
17	82.00	10418	Lake Texoma VFW Post 7873	TX0910086	270	Radium removal from well water.	PADC	$829,715				
18	79.30	10555	Anahuac[1]	TX0360001	2,880	Rehabilitate the surface water treatment plant, construct a raw water holding pond, and replace cast iron water lines. The treatment plant is in poor condition and has been out of service since 2010; water lines were constructed in the late 1940s and 1950s. The City received a notice of enforcement in 2012 from TCEQ for trihalomethane violations.	PAD	$2,700,741				9916
19	76.80	10598	North Runnels Co WSC	TX2000005	1,500	Install pump station, transmission, and distribution lines for purchased water from Bronte to reduce THM levels. Also, provide public water to 200 households around Oak Creek Reservoir.	PAD	$908,220				
20	73.90	10864	O'Brien	TX1040005	110	This project includes reconstructing the chlorine dispensing and liquid ammonium nitrate systems, ground pump replacement or repair, and a meter for the city's stand pipe. The project also includes water meter replacements, pump station electrical rehabilitation, and a service pump replacement.	C	$142,847	50%			

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21	73.50	10886	Anthony	TX0710001	2,355	Water treatment improvements, including arsenic removal, new tank, replacement of lines, and new meters/pumps.	C	$5,263,367	30%	Yes-Comb.	$413,677	
22	71.10	10781	Baird	TX0300001	1,620	Replace the old water treatment plant with a new 1.0 MGD microfiltration or ultrafiltration water treatment plant. This plant will allow the city to meet TCEQ supply and treatment requirements and it will eliminate the current TCEQ violations. Also, replace the 50 year old cast iron raw water transmission line with a new PVC raw water line. The city has experienced significant water loss due to leaks in the old raw water line.	PD	$625,000		Yes-BC	$58,847	
23	70.30	10798	Plains	TX2510002	1,481	Provide precipitation treatment and activated alumina treatment to lower arsenic and fluoride levels.	D	$250,000				9889
24	65.30	10899	San Saba	TX2060001	2,637	New 6" and 8" water mains are proposed to replace the dilapidated lines. Multiple existing 6" and 8" water mains located throughout the city need replacement. These lines are composed of cast iron which is over 70 years old. The lines are badly deteriorated causing frequent leakage and line breaks.	C	$1,700,000	30%	Yes-BC	$251,072	

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25	64.40	10476	Smyer	TX1100010	474	Project includes installing a fluoride water treatment system, a new water well, a water line from the new well, and re-coating the ground storage tank. Locating and installing a new water well with associated disinfection system and transmission line. Preparing the 100,000 gallon water storage tank and recoating the storage tank. Providing and installing a water treatment system to reduce the Fluoride levels in the water to below the MCL. Provide and install backup power connections to two water wells and the water pump station.	PADC	$529,000				
26	59.30	10739	Seymour	TX0120001	2,900	Construct additional water supply system from Miller Creek Reservoir water plant to correct insufficient supply, and construct evaporation ponds for reverse osmosis brine to reduce selenium discharge from plant.	PAD	$760,000				
27	56.00	10465	Donna	TX1080002	15,000	Increase treatment capacity to 6.0 MGD and upgrade/rehabilitate existing treatment structures.	PD	$375,000	30%			

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28	50.80	10802	Upper Colorado RA	TX2000002	10,838	In order to use the existing raw water system, 6.5 miles of 36" pipeline requires replacement, a condition assessment will be made on 22 miles of 33" pipeline, raw water will have to be conveyed to the intake structure, and the raw water pump station requires rehabilitation. Originally constructed in 1968, the raw water supply system from E.V. Spence Reservoir to the City of San Angelo has been out of service for approximately 20 years due to numerous failures in the supply pipeline. This raw water source is required to meet water demands.	PD	$2,350,000				
29	50.50	10827	Riesel	TX1550040	1,242	Arsenic Treatment.	PD	$199,200				9884
30	50.00	10632	Donna	TX1080002	15,000	New raw water pre-treatment basin will allow existing WTP to provide raw water for treatment when the local irrigation district has problems with pumping/canals & would provide pre- settlement of water prior to treatment. City is currently adding an inordinate amount of chemicals to settle raw water, causing the water to become extremely corrosive, subsequently causing plant mechanism deterioration. City is already spending an inordinate amount of money replacing clarifier mechanisms.	C	$3,175,000	30%			10179

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31	49.20	10638	Vinton	TX0710151	2,423	Installation of new high capacity water lines. These new lines will be able to maintain a minimum pressure. A service fee will be needed to allow EPWU to provide adequate water storage for Vinton. Currently, Hillside Water Works and Vinton Hills Alegre, do not have enough capacity to meet the minimum pressure. Hillside Water Works has also received numerous TCEQ violations for high arsenic levels. The new proposed system will tie into the EPWU system to provide Vinton's first public water system.	PADC	$18,755,793	70%			10186
32	48.00	10536	Lower Colorado RA	TX0270018	165	LCRA proposes to install a treatment system to remove the radionuclides from the groundwater source.	PDC	$367,500				
34	44.50	10907	Rio Hondo	TX0310006	2,356	Rehabilitation of the treatment plant, replacement of distribution lines, replacement of meters, and new pumping system.	C	$3,594,165	70%	Yes-Comb.	$5,309,758	9981
36	43.83	10647	San Pedro Canyon Water Co	TX2330011	150	Drill a new well meeting TCEQ regulations and requirements for a public water well. Follow an engineered plan for cemented casing to seal off entry of contaminants to depths determined by geophysical logging when the well is drilled. Initiate asset management plan and training.	C	$240,281				10337
37	43.50	10897	Winters	TX2000003	2,582	Develop an alternative groundwater supply, requiring a raw water transmission system to transfer water to the City's water treatment plant.	C	$1,018,000	30%			10134

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43	32.50	10906	Ladonia	TX0740004	1,008	Install new water distribution lines to address water loss of 30% associated with aging asbestos-cement lines. Rehabilitate existing elevated storage tank and recoat to address excessive rusting.	C	$2,362,100	50%			
48	30.00	10755	Graham	TX2520001	8,716	Water transmission line from water treatment plant.	C	$11,900,000				
55	26.00	10395	Houston	TX1010013	2,099,000	Replace aged water distribution lines with new plastic pipe.	C	$21,932,900		Yes-BC	$21,932,900	
61	23.00	10426	San Marcos	TX1050001	59,555	Replace existing water mains to eliminate leaks due to system age and condition and increase pipe capacity where needed to increase service pressure.	C	$3,477,250	30%			
76	20.50	10847	Reklaw	TX0370039	594	Drill new water well.	C	$957,100	30%			9743, 10267
109	12.50	10894	New Deal	TX1520015	801	Replace line with new 8-inch piping, and install a new 138,000 gallon standpipe (storage tank).The existing asbestos cement pipeline has deteriorated and the leaking line has become a health issue. This will also correct low water pressure in the southwest section of the City.	C	$1,033,000		Yes-BC	$692,000	9618, 10113
146	10.00	10896	La Joya	TX1080213	3,046	Expand water treatment plant to alleviate inadequate water treatment capacity, install a new SCADA system, and install green power infrastructure including two 1OOKW wind turbines and 11 solar LED lights. These units will provide cost savings and reduce the utility's carbon footprint. The SCADA system will combine health monitoring and automatic meter-reading equipment with advanced power systems monitoring, physical security, and network cyber security.	C	$6,469,080	30%	Yes-BC	$2,450,000	

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153	10.00	10578	Central Bowie County WSC	TX0190024	7,512	Create a water line loop along FM 561. The system has difficulty maintaining chlorine residuals because of dead end lines.	C	$88,000				
158	10.00	10631	San Juan	TX1080010	30,000	Elevate pre-treatment basin bottom to higher level to bring the basin bottom out of the existing ground water level, as well as replace existing synthetic liner with an earthen type constructed liner. Mixture of ground and surface water is causing difficulties with disinfection and treatment.	C	$4,820,000	30%			9730, 10178
159	10.00	10734	Brownsville	TX0310001	172,437	The implementation of a third phase of leak detection and improvement projects in conjunction with the replacement of aging water meters. Specific project elements include conducting leak detection and improvements over 656 miles of the service area and the replacement of 9,714 water meters that were installed between 2003 and 2005 as part of the BPUB's maintenance program aimed at reducing overall municipal water demand.	C	$1,881,668		Yes-Comb.	$1,881,678	
164	6.00	10545	Lower Colorado RA	TX0270045	195	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$28,000		Yes-BC	$24,000	

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165	6.00	10544	Lower Colorado RA	TX1500008	374	LCRA (current owner) - Corix (future buyer) purposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$60,000		Yes-CE	$50,000	
166	6.00	10543	Lower Colorado RA	TX1500037	1,518	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$225,000		Yes-CE	$195,000	
168	6.00	10396	Houston	TX1010013	2,099,000	Install automatic meter reading devices to lower personnel and fuel costs and emissions.	C	$715,000		Yes-BC	$715,000	
169	6.00	10400	Houston	TX1010013	2,099,000	Replace water meters that have exceeded their useful life.	C	$3,300,000		Yes-BC	$3,300,000	
171	5.50	10806	Houston	TX1010013	2,099,000	Evaluate electrical systems & correct necessary deficiencies. Rehab or replace distribution pumps, motors, valves and piping at various facilities. Make improvements as necessary at Pump Stations in order to provide efficient and reliable water service. Pump Stations have electrical, pumping, and piping deficiencies, which are causing the system to be inefficient and unreliable.	C	$5,500,000				

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178	4.00	10542	Lower Colorado RA	TX1410002	2,772	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$330,000		Yes-CE	$300,000	
181	3.50	10541	Lower Colorado RA	TX1500011	120	LCRA (current owner) - Corix (future owner) propose an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$161,000		Yes-Comb.	$138,000	
182	3.50	10548	Lower Colorado RA	TX1500009	288	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$50,000		Yes-BC	$40,000	
183	3.50	10540	Lower Colorado RA	TX0270011	1,296	LCRA (current owner) - Corix (future owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR), as well as replacing various sections of the distribution pipe to reduce water loss. Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$272,000		Yes-Comb.	$235,000	

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193	3.00	10807	Houston	TX1010013	2,099,000	Rehabilitate existing tanks, including replacement of cone roof, roof rafters, interior columns and supports with prefabricated aluminum dome roof structure. Install new appurtenances. Apply protective coating. Install new tank as necessary. Water storage tanks are in deteriorated condition.	C	$8,800,000				
194	3.00	10808	Houston	TX1010013	2,099,000	Rehabilitate ground water wells. Ground water wells are experiencing decreased production capacity.	C	$6,600,000				
195	3.00	10811	Houston	TX1010013	2,099,000	Drill a replacement ground water well within the same easement area. Ground water wells have reached the end of their useful life and are unable to be rehabilitated further.	C	$8,250,000				
196	3.00	10814	Houston	TX1010013	2,099,000	Add thickened sludge holding tank for Plant 1 & 2. Install sludge collection system for surge basin. Separate Plant 1 & 2 thickened sludge flow from Plant 3 unthickened flow to increase sludge percentage into sludge dewatering facilities. Increase volume for surge basin backwash. Sludge thickening is inefficient and filtration operations are unreliable. Polymer dosage for dewatering process is high.	C	$12,650,000				
197	3.00	10815	Houston	TX1010013	2,099,000	Install bulk storage tanks for lime, caustic, aluminum sulfate, powder activated carbon & ammonia. Rehab chemical feed system. Modify chemical loading & unloading areas. Chemical storage capacity is inadequate and unreliable at East Water Purification Plant No. 1.	C	$9,735,000				

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
198	3.00	10816	Houston	TX1010013	2,099,000	Rehab or replace switchgears at East Water Purification Plant No. 3. Switchgears at East Water Purification Plant No. 3 are old and near failure. This is a critical component for the safe operation of the plant.	C	$8,250,000				
214	2.00	10829	Lake Palo Pinto Area WSC	TX0470001	1,584	Surface water treatment plant expansion, booster disinfection, and new elevated storage tank.	C	$1,624,060		Yes-BC	$883,440	9490, 9897, 9648, 10230
220	2.00	10823	Burnet	TX0270001	4,735	Distribution system improvements to address system pressure.	C	$1,343,777	70%	Yes-Comb.	$1,375,000	8480, 9900
227	2.00	10412	Laredo	TX2400001	199,715	This project will help to reduce the number of water line breaks; decrease the possibility of contamination of the water distribution system; reduce the amount of unaccounted water losses; lowers the amount of water used per capita per day; and decrease the peak and average flows of the water treatment plants.	C	$5,455,000		Yes-BC	$5,455,000	
229	1.50	10874	Lower Colorado RA	TX0270078	147	LCRA (current owner) - Corix (proposed owner) proposes an area-wide replacement of existing meters with an automatic meter reading system (AMR). Corix also plans to develop an asset management plan for this system after the STM process is finalized.	C	$15,000		Yes-CE	$13,000	

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
235	0.50	10539	Brushy Creek MUD	TX2460050	582	Complete replacement of the existing interior system. Replacement of the branch transmission line that connects Brushy Bend Park to the source of treated water. Includes construction of a new transmission main for service reliability and creation of an asset management plan.	C	$2,400,000		Yes-BC	$2,400,000	
248	0.00	10888	Lass Water Company	TX0610016	195	Install water meters to address system deficiencies.	C	$26,400				
250	0.00	10434	Westphalia WSC	TX0730019	282	Replace 1,800 gallon tank with a 3,000 gallon tank. The project also includes replacing and lowering the well pump.	C	$88,146				
265	0.00	10883	Greater Texoma UA	TX0910009	3,046	Connect to the Collin-Grayson Municipal Alliance distribution system.	C	$3,286,064				
270	0.00	10751	Maxwell WSC	TX0280003	5,245	Replace old water meters with new Automatic Meter Reading (AMR) system and purchase leak detection equipment. The system is currently experiencing high water loss.	C	$410,000		Yes-CE	$410,000	
276	0.00	10487	Bastrop	TX0110001	8,836	AMI Meter Project.	C	$1,700,000		Yes-BC	$1,043,230	
289	0.00	10416	Laredo	TX2400001	199,715	24" waterline west side of Loop 20 (Casa Verde Rd.).	C	$4,600,000				
290	0.00	10417	Laredo	TX2400001	199,715	24" waterline west side of IH-35.	C	$6,820,000				
291	0.00	10537	San Antonio Water System	TX0150018	1,596,714	This project includes the replacement of electrical switchgear, replace the chlorine gas system with on-site sodium hypochlorite generation system, upgrade the fluoridation equipment, and replace valves and yard piping.	C	$12,410,000				
292	0.00	10800	San Antonio Water System	TX0150018	1,596,714	Replacement of approximately 60,000 l.f. of 6-inch to 12-inch water main.	C	$3,490,199		Yes-BC	$3,490,199	

Source Water Protection

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
1	102.00	10532	El Paso PSB	TX0710002	631,253	The project is a groundwater importation and source water protection project for EPWU. The project includes planning, land acquisition, design, and construction of production, treatment, and transmission facilities to pump at least 20,000 acre-feet of groundwater per year from the 47,000 acre Hueco Ranch. Water from the area will be delivered into an existing EPWU transmission pipeline on the east side of El Paso. Hueco Ranch is located approximately 20 miles east of El Paso. Source water protection will be applied to the entire ranch which provides runoff and recharge to the groundwater.	PA	$94,700,000				10525
Totals		**76**						**$368,393,782**	**25**	**34**	**$62,123,688**	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction
Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components.
1Project may not be ready to proceed to construction.

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Appendix L. Invited Green Projects

Rank	Points	PIF #	Entity	PWS ID	Project Description	Category of Green	Phases	Project Cost	GPR	Green Type	Subsidized Green
2	359.10	10824	Robert Lee	TX0410002	AMR meters to address water loss.	Water Efficiency	C	$9,775,400	$198,908	Yes-BC	
3	287.80	10825	Bronte	TX0410001	AMR meetes to address water loss.	Water Efficiency	C	$6,698,960	$493,177	Yes-CE	
4	236.40	10873	East Lake Buchanan Regional WS		Ground storage tank on hill top utilizing gravity to feed to distribution system.	Energy Efficiency	PADC	$7,022,000	$607,200	Yes-BC	
5	211.10	10783	Brady	TX1540001	Radium reduction groundwater treatment improvements for meeting USEPA Compliance rules for radionuclides in drinking water.	Water Efficiency	ADC	$9,827,449	$400,000	Yes-BC	
6	165.00	10826	Menard	TX1640001	New WTP, new wells and well rehabilitation.	Water Efficiency	C	$5,075,000	$194,594	Yes-CE	
7	161.60	10892	Upper Leon River MWD	TX0470015	AMR meters, efficient pumps, replacement of lines.	Water Efficiency	C	$14,031,000	$6,100,500	Yes-BC	X
11	132.80	10515	Cameron	TX1660001	The meter change out and improved accuracy in leak detection and efficiency in reading meters will allow us to minimize the rate of loss by a proposed 5%. That means less runtime of pumps and quicker response time reducing water loss.	Water Efficiency	PDC	$1,829,000	$940,000	Yes-BC	X
13	94.00	10872	Lower Colorado RA	TX0270008	Ground storage tank on hill top utilizing gravity to feed to distribution system.	Energy Efficiency	ADC	$770,000	$130,000	Yes-CE	
16	82.50	10889	Cyndie Park II WSC	TX1780050	AMR meters, efficient pumps, replacement of lines	Water Efficiency	PD	$124,000	$2,507	Yes-BC	
21	73.50	10886	Anthony	TX0710001	AMR meters, efficient pumps, replacement of lines	Water Efficiency	C	$5,263,367	$413,677	Yes-Comb.	
22	71.10	10781	Baird	TX0300001	Replacing raw water line for leakage.	Water Efficiency	PD	$625,000	$58,847	Yes-BC	
24	65.30	10899	San Saba	TX2060001	Upgrade irrigation system with soil moisture sensors.	Water Efficiency	C	$1,700,000	$251,072	Yes-BC	
34	44.50	10907	Rio Hondo	TX0310006	Upgrade irrigation system with soil moisture sensors.	Water Efficiency	C	$3,594,165	$3,594,165	Yes-Comb.	X
55	26.00	10395	Houston	TX1010013	Replace aged water distribution lines.	Water Efficiency	C	$21,932,900	$21,932,900	Yes-BC	X
109	12.50	10894	New Deal	TX1520015	Replace the deteriorated 6-inch water main with new 8-inch water line. The new water line will decrease power consumption to pump the same volume for the City. The new water line will decrease the friction loss, thus decreasing the power consumption to pump the water to the elevated storage tank. The new line will also eliminate the current water loss.	Water Efficiency	C	$1,033,000	$692,000	Yes-BC	X

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Rank	Points	PIF #	Entity	PWS ID	Project Description	Category of Green	Phases	Project Cost	GPR	Green Type	Subsidized Green
146	10.00	10896	La Joya	TX1080213	Two 100 KW wind turbines and 11 solar LED lights will provide green alternative power. These units will provide cost savings and reduce the utility's carbon footprint. The SCADA system will combine health monitoring of the proposed new green power sources and AMR equipment with advanced power systems monitoring, physical security, network cyber security.	Energy Efficiency	C	$6,469,080	$2,450,000	Yes-BC	X
159	10.00	10734	Brownsville	TX0310001	Leak detection and meter replacement.	Water Efficiency	C	$1,881,668	$1,881,668	Yes-Comb.	X
164	6.00	10545	Lower Colorado RA	TX0270045	Replace existing water meters with AMR systems.	Water Efficiency	C	$28,000	$24,000	Yes-BC	X
165	6.00	10544	Lower Colorado RA	TX1500008	Replace existing water meters with AMR systems.	Water Efficiency	C	$60,000	$50,000	Yes-CE	X
166	6.00	10543	Lower Colorado RA	TX1500037	Replace existing water meters with AMR systems.	Water Efficiency	C	$225,000	$195,000	Yes-CE	X
168	6.00	10396	Houston	TX1010013	Automatic Meter Reading Program reduces fuel consumption and emissions. Air quality is improved as a result.	Water Efficiency	C	$715,000	$715,000	Yes-BC	X
169	6.00	10400	Houston	TX1010013	Replacement of water meters reduces water losses and high usage.	Water Efficiency	C	$3,300,000	$3,300,000	Yes-BC	X
178	4.00	10542	Lower Colorado RA	TX1410002	Replace existing water meters with AMR systems.	Water Efficiency	C	$330,000	$300,000	Yes-CE	X
181	3.50	10541	Lower Colorado RA	TX1500011	Replace existing water meters with AMR systems and line replacement.	Water Efficiency	C	$161,000	$138,000	Yes-Comb.	X
182	3.50	10548	Lower Colorado RA	TX1500009	Replace existing water meters with AMR systems.	Water Efficiency	C	$50,000	$40,000	Yes-BC	X
183	3.50	10540	Lower Colorado RA	TX0270011	Replace existing water meters with AMR systems and line replacement.	Water Efficiency	C	$272,000	$235,000	Yes-Comb.	X
214	2.00	10829	Lake Palo Pinto Area WSC	TX0470001	AMR meters to address water loss.	Water Efficiency	C	$1,624,060	$883,440	Yes-BC	X
220	2.00	10823	Burnet	TX0270001	Replace existing broken/malfunctioning water meters with 100% lead-free smart meters with built in leak detection	Water Efficiency	C	$1,343,777	$1,343,777	Yes-Comb.	X
226	2.00	10412	Laredo	TX2400001	This project will increase water efficiency by reducing water losses through the replacement of deteriorated waterlines and repair of contingency water breaks.	Water Efficiency	C	$5,455,000	$5,455,000	Yes-BC	X
229	1.50	10874	Lower Colorado RA	TX0270078	Replace existing water meters with AMR systems.	Water Efficiency	C	$15,000	$13,000	Yes-CE	X
235	0.50	10539	Brushy Creek MUD	TX2460050	The meter change out and improved accuracy in leak detection and efficiency in reading meters will allow us to minimize the rate of loss by a proposed 5%. That means less runtime of pumps and quicker response time reducing water loss.	Water Efficiency	C	$2,400,000	$2,400,000	Yes-BC	X
270	0.00	10751	Maxwell WSC	TX0280003	Replace old water meters with new Automatic Meter Reading (AMR) system and purchase leak detection equipment. The system is currently experiencing high water loss.	Water Efficiency	C	$410,000	$410,000	Yes-CE	X

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Rank	Points	PIF #	Entity	PWS ID	Project Description	Category of Green	Phases	Project Cost	GPR	Green Type	Subsidized Green
276	0.00	10487	Bastrop	TX0110001	The meter change out and improved accuracy in leak detection and efficiency in reading meters will allow us to minimize the rate of loss by a proposed 5%. That means less runtime of pumps and quicker response time reducing water loss.	Water Efficiency	C	$1,700,000	$1,043,230	Yes-BC	X
292	0.00	10800	San Antonio Water System	TX0150018	Possibly BC eligible for water main replacement to address water loss.	Water Efficiency	C	$3,490,199	$3,490,199	Yes-BC	X
Totals		**34**						**$119,231,025**	**$60,376,861**		**24**

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction
Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components.