Texas Water Development Board

STATE OF TEXAS

Intended Use Plan

Clean Water State Revolving Fund

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

SFY 2015

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

Clean Water State Revolving Fund

SFY 2015 Intended Use Plan

Published: August 21, 2014
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(Amendment to implement provisions of the Water Resources Reform and Development Act of 2014)

Cover Photos

Upper Left:	Pearsall Road recycled water pump station, San Antonio
Upper Right:	Static cascade aerator, Sherman
Lower Left:	Completed clarifier with UV structure and canopy in background, Dalhart
Lower Right:	New aluminum dome covers on three biological clarifiers, Sherman

Clean Water State Revolving Fund
Acronyms

ACS	American Community Survey
ADF	Average Daily Flow
AIS	American Iron & Steel
AMHI	Annual Median Household Income
CCN	Certificate of Convenience and Necessity
CPI	Consumer Price Index
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DWSRF	Drinking Water State Revolving Fund
EPA	Environmental Protection Agency
FFY	Federal Fiscal Year
GPR	Green Project Reserve
HCF	Household Cost Factor
IPL	Invited Projects List
IUP	Intended Use Plan
MGD	Million Gallons Per Day
PAD	Planning, Acquisition, and/or Design phases of a project
PIF	Project Information Form
POTW	Publically Owned Treatment Works
PPL	Project Priority List
SFY	State Fiscal Year
SRF	State Revolving Fund
SSO	Sanitary Sewer Overflow
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TEA	Texas Education Agency
TMDL	Total Maximum Daily Load
TWDB	Texas Water Development Board
WAP	Watershed Action Planning
WRRDA	Water Resources Reform and Development Act of 2014
WWTP	Waste Water Treatment Plant

Texas Water Development Board

SFY 2015 Clean Water State Revolving Fund
Intended Use Plan

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Texas Water Development Board rules governing the Clean Water State Revolving Fund program (Texas Administrative Code, Title 31, Part 10, Chapter 375) may be accessed online at info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=375

I. Introduction and Purpose of the Intended Use Plan

In 1987 Congress passed federal amendments to the Clean Water Act (CWA) that established the Clean Water State Revolving Fund (CWSRF) program. The Texas Water Development Board (TWDB) is authorized by state law to administer this program for Texas.

Annually, the state must prepare an Intended Use Plan (IUP) that describes how it intends to use CWSRF 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, 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, political subdivisions, other state agencies, and the Environmental Protection Agency (EPA).

Texas is eligible for a $64,084,000 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 $525,000,000. The source of funds includes the FFY 2014 capitalization grant, state match, principal and interest repayments from loans, investment earnings, additional cash resources, and if loan demand warrants, 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 and 15% of the costs associated with eligible green projects. Throughout the IUP, loan forgiveness may be referred to as Additional Subsidy, Subsidized Green 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) were 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 amended IUP, including the associated 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

amended SFY 2015 CWSRF IUP, dated December 23, 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 notice of the public hearing was published in the *Texas Register*.
- A copy of the draft IUP was sent to EPA for review.

B. Comment

Written comments were accepted via the following four options from December 23, 2014, until 5:00 P.M. on January 22, 2015.

1. The public hearing held on January 20, 2015, at 2:00 P.M. in Room 172 of the Stephen F. Austin Building located at 1700 N. Congress Avenue in Austin, Texas
2. Comments submitted via the following online comment page:

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

   iupcomments@twdb.texas.gov.

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

No comments were received on the draft amended IUP.

C. Approval

The initial SFY 2015 CWSRF IUP was considered and approved by the TWDB's Board on August 21, 2014. The final amended IUP will be finalized once it is considered and adopted by the Board.

D. Documentation

The initial IUP was submitted to the EPA on August 22, 2014 following Board approval. EPA approved the initial IUP on September 9, 2014. After Board approval, the amended IUP will be formally submitted to the EPA for approval.

III. Description of the Clean Water State Revolving Fund Program

The CWSRF provides below market-rate loans, and loan forgiveness, to finance projects that

facilitate compliance with the water pollution control requirements of the CWA. The CWSRF is authorized by the CWA to provide financial assistance for the construction of publicly owned treatment works under Section 212; the funding of nonpoint source projects under Section 319; and the funding of estuary protection projects under Section 320. Throughout this document we refer to these types of projects simply as publicly owned treatment works, nonpoint source, and estuary or estuary management projects. In addition, as described in Appendix M, the Water Resources Reform and Development Act (WRRDA) of 2014 increased the types of projects eligible under the CWSRF.

A. Eligible Applicants

Applicants eligible to apply for assistance include

- Wastewater treatment management agencies, including interstate agencies
- Cities, commissions, counties, districts, river authorities, or other public bodies created by or pursuant to state law that have authority to dispose of sewage, industrial waste, or other waste
- Authorized Indian tribal organizations
- Private entities, as prescribed in Appendix M, for:
    - nonpoint source projects;
    - estuary management projects;
    - construction, repair, or replacement of decentralized wastewater treatment;
    - measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water;
    - the development and implementation of watershed pilot projects; and
    - reuse or recycling wastewater, stormwater, or subsurface drainage water.
- Qualified non-profits (an entity having Federal tax-exempt status), as prescribed in Appendix M, to provide assistance to owners and operators of small and medium publically owned treatment works.

B. Eligible and Ineligible Use of Funds

1. Examples of eligible project costs include planning, acquisition (for certain purposes), design, and construction of projects to:

- Create or improve wastewater treatment facilities, reuse/recycle facilities, and collection systems
- Purchase existing wastewater treatment plants
- Control nonpoint source pollution
- Manage estuaries
- Implement green projects (pursuant to EPA guidance)
- Pay for other costs necessary to secure or issue debt
- Purchase land necessary for construction on an eligible project
- Construct, repair, or replace decentralized wastewater treatment systems
- Manage, reduce, treat, or recapture stormwater or subsurface drainage water

- Reduce the demand for publically owned treatment works capacity through water conservation, efficiency, or reuse using SRF funds provided to political subdivisions
- Develop and implement watershed pilot projects
- Reduce the energy consumption needs for publically owned treatment works using SRF funds provided to political subdivisions
- Re-use or recycle wastewater, stormwater, or subsurface drainage water.
- Increase the security of publically owned treatment works
- Provide assistance to owners and operators of small and medium publically owned treatment works using SRF funds provided to a qualified nonprofit entity (an entity having Federal tax-exempt status)

2. Examples of ineligible project costs include:

- Projects primarily intended to facilitate growth
- Publically Owned Treatment Works (Section 212) projects for systems that are owned by private or nonprofit entities.
- Treatment works owned or operated by a federal agency
- Excavation, testing, remediation, or disposal of hazardous, contaminated, or potentially contaminated material

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 project, including planning, acquisition, design, and/or construction according to Board determined guidelines and in accordance with the Clean Water Act.

2. Cross-collateralization (Section VIII.B.) The TWDB may pledge the fund assets of the 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 C. 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 D. Special Grant Conditions) The Federal Fiscal Year (FFY) 2014 federal appropriations includes an "American Iron and Steel (AIS)" requirement that requires CWSRF 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 the engineering plans and specifications were submitted to the TWDB by January 17, 2014 and approved by TWDB between January 17, 2014 and April 15, 2014. In addition, based on WRRDA, projects are exempt if funded October 1, 2014 or after that had plans and specifications approved by TWDB prior to June 10, 2014. WRRDA has made the AIS requirement permanent for the CWSRF program.

5. Changes from WRRDA (Appendix M. Changes to the CWSRF enacted through WRRDA). WRRDA made changes related to the definition of treatment works, types of eligible projects, required level of environmental review, accounting records, fiscal sustainability plans for loan recipients, and the maximum loan term.

V. Clean Water State Revolving Fund Program Goals

The primary goal of the Texas CWSRF program is the same as the CWA - to restore and maintain the chemical, physical, and biological integrity of the state's waters by preventing the discharge of pollutants. The overall goals of the CWSRF program are to prevent the discharge of pollutants from point and nonpoint sources; identify and provide funding for maintaining and/or bringing publicly owned treatment works into compliance with EPA clean water standards; to support affordable and sustainable wastewater treatment processes; and to maintain the long-term financial health of the program. The TWDB applied for the FFY 2014 grant allotment in the amount of $64,084,000 on July 18, 2014 and received the grant award on September 9, 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.

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

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

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

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

B. Long-Term Goals

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

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

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

VI. Funding Available in State Fiscal Year 2015

A. Requirements, Allocations, and Reserves

1. Federal Requirements on Available Funds

All funds are subject to certain federal requirements such as the Davis-Bacon Act and American Iron and Steel provisions. A portion of the CWSRF funds, in an amount equal to the federal capitalization grant, must follow all federal requirements known as cross-cutters. The CWSRF-funded projects that must follow all federal cross-cutters are referred to as Equivalency projects.

2. Allocations of Available Funds

A total of $525,000,000 is available for SFY 2015. The total amount of equivalency funds for SFY 2015 is at least $64,084,000, which is the amount of the FFY 2014 capitalization grant. The amount of funds available is allocated to the following funding options.

Funds Available

Funding Option	Allocation
Subsidized Green (Equivalency or Non-Equivalency)	$961,260
Disadvantaged Communities (Equivalency)	$4,269,692
Loans (Equivalency and Non-Equivalency)	$519,769,048
Total	**$525,000,000**

3. Reserves Established from Available Funds

The following reserve amounts may be applied to the Disadvantaged Community, Subsidized Green, and Loan funding options.

Reserve	Amount
Green Project Reserve (10% of capitalization grant) *	$6,408,400
Small Communities (15% of capitalization grant)	$9,612,600
Nonpoint Source/Estuary Management (7% of total funding available)	$36,750,000
*This amount includes the funds allocated for green subsidy.	

The TWDB is required to ensure that an amount equivalent to 10% of the capitalization grant is allocated to approved green project costs. This amount 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 equal or exceed 30% of the total project cost.

A portion of the disadvantaged community and subsidized green funding will be reserved for nonpoint source and estuary management projects. If they are not utilized, it may be offered to publicly owned treatment work projects.

B. Leveraging to Provide Additional Funding

The TWDB sells bonds to obtain additional funds that leverage the CWSRF program as necessary to meet the demand for funding additional clean 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 Safe Drinking Water Act (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 provided information on the Project Information Form (PIF) based on the type of project:

publicly owned treatment works, nonpoint source, or estuary management, 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

Additionally, entities were asked to submit information about 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 were evaluated by the TWDB and projects determined to be eligible for funding were rated and ranked according to the established rating criteria. The TWDB also evaluated the eligibility of projects for disadvantaged community funding, following the disadvantaged community eligibility criteria presented in Appendix C. 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.

The TWDB performed the priority rating of projects for publicly owned treatment works and nonpoint source projects as 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 Publicly Owned Treatment Works Projects

- Impacts to water quality – projects that protect stream segments and groundwater from pollution.
- Unserved areas – projects that will bring individual systems into a centralized system or projects that address onsite systems.
- Regionalization of treatment works – projects that will promote efficiency by consolidating and eliminating systems.
- Reduction or prevention of sewer system overflows, inflow, and infiltration.
- Affordability – factor applied to an entity that qualifies as a disadvantaged community (see Appendix C).
- Effective Management.

2. Rating Criteria for Nonpoint Source/Estuary Management Projects

- Public health – ability to improve conditions that a public health official has determined are a nuisance and are dangerous to public health and safety and that may result from water supply and sanitation problems in the area to be served by the proposed project.
- Groundwater – minimization of the impact of pollutants to an aquifer or groundwater.
- Impaired water body – ability to improve conditions in any water body that does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.
- Nonpoint source projects must be an identified practice within a water quality management plan, or must be a best management practice described or referenced in the Texas Nonpoint Source Management Program.
- Affordability – factor applied to an entity that qualifies as a disadvantaged community (see Appendix C).
- Effective Management.

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 regional project changes and the change does not result in a change to the rating; or

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 that were 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.

For SFY 2015, the initial IPL represents projects with costs exceeding the available amount of funds allocated for Equivalency projects. Once the amount of funds allocated to Equivalency projects has been reached, funds will be allocated to Non-Equivalency projects. Periodically, the IPL will be reviewed and compared to the applications received. To ensure receipt of a desired funding option (e.g. disadvantaged communities or green project), entities must submit a completed loan application. Allocations of the disadvantaged and green subsidies will be determined after receipt of a completed application and prior to commitment. If funds are still available additional invitations will be extended to other projects on the PPL. Subsequent rounds of invitations will include Non-Equivalency funds, as well as any remaining Equivalency funds.

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 E.

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 SFY 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 activities and are not deemed ready to proceed to construction during SFY 2015 received 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 up to 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 phases 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. A loan 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 were informed of the opportunity to submit an application for the project phases shown on the list using the funding options in the next section. Invited applications from projects on the initial IPL that were received during the initial four weeks after Board approval of the IUP were 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 had elapsed, funds were 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 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 were 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 were invited to apply for one of the following funding options. Funding options are either Equivalency or Non-Equivalency.

Equivalency (Federal Requirements) - A portion of the CWSRF funds must follow all federal requirements commonly known as cross-cutters. This type of financial assistance is referred to as Equivalency and offers an interest rate of 155 basis points below the market rate. The TWDB requires applicants seeking Equivalency financial assistance to complete and submit a Pre-award Compliance Review Report which lists the federal requirements that apply to their project. More information on the federal cross-cutters can be found in Appendix D.

Non-Equivalency (State Requirements) - Non-Equivalency financial assistance is not subject to federal cross-cutter requirements, with the exception of the federal anti-discrimination laws, also known as the super cross-cutters. This type of assistance is available to all entities and offers an interest rate of 120 basis points below the market rate.

1. Funding Options Available:

a. Disadvantaged Community Funding (Equivalency only)

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, as shown below:

Household Cost Factor Difference	Loan Forgiveness as a % of estimated CWSRF-funded project costs
≥ 0% and < 1.5%	30%
≥ 1.5% and < 3%	50%
≥ 3%	70%

b. Subsidized Green Funding (Equivalency or Non-Equivalency)

Entities may receive Subsidized Green loan forgiveness if their project has elements that are considered green and the cost of the green portion of their project is 30% or greater of the total project cost. For SFY 2015, this funding option offers 15% in loan forgiveness of total eligible green costs, and is available for Equivalency or Non-Equivalency projects. The loan origination fee will not be applied to project costs that are funded with loan forgiveness. Additional information can be found in Appendix D.

c. Loan Funding (Equivalency or Non-Equivalency funds)

All entities listed on the IPL were eligible to receive loan funding for Equivalency or Non-Equivalency projects.

2. Emergency Relief Projects:

The TWDB may consider Emergency Relief funding to replace or rehabilitate essential wastewater treatment facilities that pose an imminent peril to public health, safety, environment, or welfare and threat of failure in response to an emergency condition(s). Projects will be rated by the TWDB and added to the PPL as "Emergency Relief" projects. Emergency relief 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 emergency relief projects.

3. Loan Origination Fee:

Regardless of which funding option is pursued, a loan origination fee of 1.85% 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 CWSRF. The fees will be used for administrative costs, including project construction oversight, regulatory compliance, and long-term financial monitoring.

4. Summary of Options:

The following table provides a comparison of the different funding options.

Funding Option	Loan Forgiveness	Interest Rates		Loan Origination Fee
		Equivalency	Non-Equivalency	
Disadvantaged Community	30%, 50%, or 70%	155 basis points below market	N/A	1.85% *
Subsidized Green	15%	155 basis points below market	120 basis points below market	
Loans	N/A	155 basis points below market	120 basis points below market	
* Not assessed on the loan forgiveness portion				

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 Clean Water Act. The term of financial assistance offered may not exceed the projected useful life of an eligible project.

J. Loan Closing

A PAD financial assistance commitment must close within six months. A construction or pre-design (planning, acquisition, design and construction) financial assistance commitment must close within one year. 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. Financial Status of the Clean Water State Revolving Fund

The amount of funding available for SFY 2015 is set at $525,000,000. The amount of the FFY 2014 capitalization grant for the CWSRF is $64,084,000, with a match of $12,816,800 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 CWSRF is leveraged to provide funds over and above the capitalization grant and state match to assist public water systems meet their needs. 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. These options do not combine the fund assets of the two programs or secure match bonds. This cross-collateralization of CWSRF and DWSRF enhances the lending capacity of DWSRF program. In order to gain the maximum benefit for the programs and eventual borrowers, the necessary actions needed to allow cross-collateralization of the CWSRF and DWSRF 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 CWSRF 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 administration from each grant. The fund is managed to sustain strong 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 program is designed to provide borrowers with a reduction from the market based on a level debt service payment schedule. For SFY 2015, Equivalency loans will be offered at 155 basis points below the market rate and Non-Equivalency loans will be offered at 120 basis points below the market rate. 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.

IX. Navigating the Lists

Appendices G – L are a series of lists that detail the proposed project information for each project 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 CWSRF 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 invited 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, 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 CWSRF 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 CWSRF 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.

Texas Water Development Board

SFY 2015 Clean 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	$64,084,000
State Match - for FFY 2014 Federal Capitalization Grant	$12,816,800
Undrawn previous grants (Administration)	$8,028,978
Principal Repayments from Existing Loans	$100,222,800
Interest Repayments from Existing Loans	$77,018,693
Investment Earnings on Funds	$486,675
Cash available	$299,955,999
Additional net leveraging bond proceeds (based on "Projects to be Funded")	$244,000,000
TOTAL SOURCES:	**$806,613,945**
USES:	
Administration:	
Administration - from FFY 2014 Capitalization Grant 4% allocation	$2,563,360
Banked Administrative Funds	$2,000,000
Total Administration:	$4,563,360
Administration from prior grants:	$8,028,978
Projects to be Funded:	
SFY 2015 IUP Commitments - Loan Forgiveness (Additional Subsidy-Disadv. and Green)	$5,230,952
SFY 2015 IUP Commitments - Loans (Available Amount less Additional Subsidy)	$519,769,048
Total Projects To Be Funded - SFY 2015:	$525,000,000
Projects Already Pledged	
Commitments - projects in prior IUP	$143,110,551
Applications - projects in prior IUP	$19,174,980
Total Projects Already Pledged or being processed:	$162,285,531
Debt Service (Principal and Interest) on:	
Revenue Bonds - to Leverage the Fund:	
Subordinate - Variable Rate	$18,841
Subordinate - Fixed Rate	$91,392,588
Match General Obligation Bonds	$15,324,647
Total Debt Service:	$106,736,076
TOTAL SOURCES:	**$806,613,945**
NET SOURCES (USES)	**$0**

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Appendix B. Rating Criteria

Publicly Owned Treatment Works (Sec. 212) Rating Criteria

30 pts. – Enforcement action (court, EPA, or TCEQ order) imposes a schedule.

20 pts. – Enforcement action: Participation in TCEQ's SSO Initiative

11 pts. – Unserved area of an existing developed community is extended service.

30 pts. – Unserved area to be served has a nuisance documented by letter from the TCEQ or a Designated Agent licensed by the TCEQ. If the project is in an Economically Distressed Areas Program county, the letter may come from the State Health Department or a registered sanitarian.

10 pts. – Water body impacted by project is listed in a Watershed Protection Plan approved by the EPA.

5 pts. – Water body impacted by project is listed in a Watershed Protection Plan that is under development.

15 pts. – Innovative or alternative types of collection or treatment are proposed.

15 pts. – Innovative approaches in stormwater treatment or minimization are proposed.

30 pts. – More stringent permit limits are to be met, or
Conversion to a no-discharge or partial reuses facility to avoid higher level of treatment.

10 pts. – Regional project removes or prevents plant outfalls, or
Regional project results in delivery of flow to, or receipt of flow at, a regional facility, thereby avoiding construction of a separate WWTP facility.

(See below) – For projects that involve a facility that requires expansion of its hydraulic capacity or removal of extraneous flow, use EPA self-reporting data to determine the percentage of permitted capacity.

For existing plants permitted for ≥ 1 MGD, use the past 12 months of reported data.	(12 months ADF)(100) / (permitted ADF) = _____%
For existing plants permitted for < 1 MGD, use the highest 3-consecutive-month average of the past 12 months of reported data.	(max 3 months ADF)(100) / (permitted ADF) = _____%

ADF = Average Daily Flow
MGD = Million Gallons per Day

Choose ONE of the considerations below, whichever results in the largest number of points.

30 pts. – Capacity ≥ 90% and project directly or indirectly improves a capacity problem.

20 pts. – Capacity ≥ 75% and < 90%, and project directly or indirectly improves a capacity problem.

15 pts. – Capacity ≥ 65% and < 75%, and project directly or indirectly improves a capacity problem.

15 pts. – Expansion of existing plant permitted for no-discharge where self-reporting flow data is not required.

(See below) – If the project impacts a water body by directly or indirectly mitigating a problem identified in the latest approved State of Texas Watershed Action Planning Strategy Table (WAP), choose the applicable score according to the category indicated on the List. Projects impacting water bodies in a priority area will be awarded additional points.

Priority Area*	Non-Priority Area	WAP Category
50 pts.	40 pts.	**4a** TMDL study has been completed and approved by the EPA.
40 pts.	30 pts.	**5a** A Total Maximum Daily Loads (TMDL) study is underway, scheduled, or will be scheduled.
30 pts.	20 pts.	**5b** A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.
20 pts.	10 pts.	**5c** Additional data and information will be collected before a TMDL is scheduled.
0 pts.	0 pts.	Not applicable.

Nonpoint Source Pollution (Sec. 319) Rating Criteria

30 pts. – Area to be served has a nuisance documented by letter.

20 pts. – Aquifer or groundwater impacted by project is threatened.

10 pts. – Water body impacted by project is listed in a Watershed Protection Plan approved by the EPA.

5 pts. – Water body impacted by project is listed in a Watershed Protection Plan that is under development.

(See below) – If the project impacts a water body by directly or indirectly mitigating a problem identified in the latest approved State of Texas Watershed Action Planning Strategy Table (WAP), choose the applicable score according to the category indicated on the List. Projects impacting water bodies in a priority area will be awarded additional points.

Priority Area*	Non-Priority Area	WAP Category
50 pts.	40 pts.	**4a** TMDL study has been completed and approved by the EPA.
40 pts.	30 pts.	**5a** A TMDL study is underway, scheduled, or will be scheduled.
30 pts.	20 pts.	**5b** A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.

20 pts.	10 pts.	**5c** Additional data and information will be collected before a TMDL is scheduled.
0 pts.	0 pts.	Not applicable.

30 pts. – The project includes stream bank restoration or contain elements of Low Impact Development, such as vegetated filter strips, bio-retention, rain gardens, or porous pavement

Estuary Management (Sec. 320) Rating Criteria

20 pts. – Project restores, protects, and enhances coastal natural resources.

20 pts. – Project improves water quality.

20 pts. – Project enhances public access.

20 pts. – Project improves onshore infrastructure and environmental management.

20 pts. – Project mitigates erosion and stabilizes shorelines.

20 pts. – Project educates the public on the importance of coastal natural resources.

Effective Management Rating Criteria

5 pts. – Entity has adopted an asset management plan within the past 5 years that incorporates an inventory of all assets, an assessment of the criticality and condition of the assets, a prioritization of capital projects needed, and a budget

1 pt. – Entity is planning to prepare an asset management plan as part of the proposed project.

1 pt. – Asset management training has been administered to the entity's governing body and employees.

1 pt. – Proposed project addresses a specific goal in a water conservation plan.

1 pt. – Proposed project addresses a specific goal in an energy assessment, audit, or optimization study conducted within the past three years.

2 pts. – Project is consistent with a state or regional water plan, integrated water resource management plan, regional facility plan, regionalization or consolidation plan, or a TMDL implementation plan.

Disadvantaged Eligibility

10 pts. – Entity qualifies as a disadvantaged community.

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Appendix C. Disadvantaged Community Eligibility Criteria

TWDB staff determines Disadvantaged Community eligibility. 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 is providing new service to existing customers;
2. Has an inflation-adjusted annual 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 alter or add to these factors to provide financial assistance to an entity that cannot otherwise afford a CWSRF 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 will 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 more recent 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:

$$\text{Average Annual Water Bill} = (\text{Avg. \# of persons/household}) \times (2{,}325 \text{ gallons/person/month}) \times (\text{Monthly water rate}) \times (12)$$

$$\text{Average Annual Sewer Bill} = (\text{Avg. \# of persons/household}) \times (1{,}279 \text{ gallons/person/month}) \times (\text{Monthly sewer rate}) \times (12)$$

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

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

For entities that serve retail customers with differing rate structures, prorated rates were used, in some instances, to calculate each entity's household cost factor in SFY 2015. The following tables are examples 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	F First Tier	G Initial Rate	H Additional Use	I Additional Rate	J Other Changes	K Average Mo. Water Bill	L Prorated Mo. Water Bill
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	F First Tier	G Initial Rate	H Additional Use	I Additional Rate	J Other Changes	K Average Mo. Water Bill	L Prorated Mo. Water Bill
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**			**$ 44.69**

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 Portion
>=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 D. Special Grant Conditions

A. Special Grant Conditions

1. Davis-Bacon Act

The TWDB and all CWSRF 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 513 of the Federal Water Pollution Control Act (33 U.S.C. 1372) shall apply to the construction of treatment works carried out in whole or in part with CWSRF assistance. All contracts and subcontracts for any construction project carried out with CWSRF assistance shall insert in full in any contract 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 CWSRF 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 CWSRF 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. In addition, WRRDA made the AIS requirement permanent for the CWSRF.

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. Furthermore, the Act specifically exempts projects where the engineering plans and specifications were submitted to the TWDB by January 17, 2014 and approved by TWDB between January 17, 2014 and April 15, 2014. In addition, based on WRRDA, projects are exempt if funded October 1, 2014 or after that had plans and specifications approved by TWDB prior to June 10, 2014. WRRDA has made the AIS requirement permanent for the CWSRF program. 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 **Equivalency** projects and activities assisted with CWSRF 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. Additional Subsidies

In accordance with the federal capitalization grant requirements, the TWDB is required to provide a minimum of $3,487,301 and may increase the amount of additional subsidization up to a total of $5,230,952. The TWDB has allocated the additional subsidy as follows:

Funding Option	Additional Subsidy Allocation
Disadvantaged Community	$4,269,692
Subsidized Green	$961,260
Total	**$5,230,952**

5. Green Project Reserve

A minimum of 10% of the capitalization grant will be allocated as the green project reserve and is required by federal law to be used for green component costs associated with eligible CWSRF projects. The amount of funds allocated to Green Project Reserve is

defined in the Availability of Funds section.

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. In the event the TWDB does not receive enough completed loan applications to meet the 10% for GPR projects, the Executive Administrator may bypass higher ranked projects to invite projects with eligible green component costs.

Projects which do not meet criteria of categorically eligible 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-0162) as a standard template for business cases. For information on the TWDB's GPR 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-0162.docm.

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Appendix E. 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. 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 loan applications do not equal 15% of the capitalization grant, the Executive Administrator may bypass other projects to include additional small community projects.

5. Emergency Relief

The Executive Administrator may bypass projects to provide Emergency Relief funding to replace or rehabilitate essential wastewater treatment facilities that pose an imminent peril to public health, safety, environment, or welfare and threat of failure in response to an emergency condition(s). Projects will be rated by the TWDB and added to the PPL as an “Emergency Relief” project.

6. Readiness to Proceed

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

7. 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.

8. 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.

Texas Water Development Board

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Appendix F. Key to EPA Cost Categories

EPA Cost Categories	I.	Secondary Wastewater Treatment
	II.	Advanced Wastewater Treatment
	III.A.	Infiltration/Inflow Correction
	III.B.	Sewer System Replacement or Major Rehabilitation
	IV.A.	New Collector Sewers and Appurtenances
	IV.B.	New Interceptor Sewer and Appurtenances
	V.	CSO Correction
	VI.A.	Stormwater Conveyance Infrastructure
	VII.(A-L)	NPS (Sec. 319)
	VII.M.	Estuary Management (Sec. 320)
	VIII.	Confined Animals – Point Source
	X.	Recycled Water Distribution

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POTW (Sec. 212)												
168	10	10664	Abilene	TX0023973	126,291	Supplement the existing screw pumps at the Buck Creek Pump Station (BCPS) with submersible pumps sized to eliminate the need for throttling flow from the 48-inch interceptor. The City's wastewater enters the BCPS via three main interceptors, one 48-inch interceptor and two 36-inch interceptors. The screw pumps have had difficulty in handling flow, especially during high flows due to wet weather events. The City has historically compensated for high flow events by using a large influent flow control gate to throttle the flow, which creates "storage" in the interceptor. The City has also constructed equalization storage at the BCPS. Properly sized submersible pumps will also eliminate the need for flow equalization during routine wet weather events.	C	$1,808,000		Yes-BC	$452,000	
89	33	10733	Acton MUD	TX0105163	8,655	Construct collection systems to serve several subdivisions near Lake Granbury currently served by old, dilapidated, leaking septic tanks. The areas have been identified as hot spots where high coliform readings are regularly recorded. Three neighborhoods are at lake level and will require grinder pumps and small diameter low pressure sewer. The remainder will be served by gravity lines. Two lift stations are planned.	PDC	$7,751,000				10089, 10094, 10738
90	33	10738	Acton MUD	TX0105163	8,655	Expand the District's De Cordova Bend WWTP (#1) from 0.6 to 0.93 MGD. The District intends to expand its collection system to serve several subdivisions near Lake Granbury currently served by old, dilapidated, leaking septic tanks. Expansion will essentially be an additional treatment train and will include a new aeration basin and clarifier, and upgrades to various units.	PDC	$2,893,700		Yes-BC	$169,000	10089, 10094, 10733
32	63	10620	Agua SUD	TX0125598	1,337	Extend the District's Sullivan City (Western) collection system to 13 additional subdivisions. The system was constructed through TWDB project 10370.	PDC	$6,361,000	70%			9966
46	53	10674	Agua SUD	TX0133841	23,666	Construct the second phase of the District's eastern service area wastewater treatment facility, an expansion from 2.5 to 7.5 MGD. The District has grants from the EDAP program (project 10365) for the planning and design phases of this project.	DC	$30,713,500	50%			9977, 10675
47	53	10675	Agua SUD	TX0133841	23,666	Construction of over 540,000 lf of collection lines and force mains for east service area.	DC	$62,902,489	50%			9975, 10674

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203	83	11022	Agua SUD	TX0070017	8,181	Agua Special Utility District (Agua SUD) needs to provide first time wastewater treatment and collection to residents within their service area. Agua SUD is proposing to construct a lift station and approximately 26,400 linear feet of 24-inch diameter force main to transport the sewage to the City of Mission (City) for treatment. Agua SUD is proposing to use a portion of the funds for the residential connections and capacity buy-in with the City.	PADC	$8,195,000				
92	31	10551	Alba	TX0022489	548	Remove accumulated sludge and renovate two lagoons at the City's WWTP.	PDC	$700,617				10035
1	111	10911	Angelina & Neches RA	TX0056154	573	Replace the Redland Estates Subdivision collection system outside the District on the east side of US 59, and provide first time service to 105 connections inside the District on the west side of US 59. In 2011 the District agreed to provide wastewater service to Redland Estates, which for many years had a collection system that discharged to a non-functioning treatment facility then raw to a tributary of the Angelina River. This project is integrally linked to the Angelina & Neches River Authority's project and flow will be treated at its North Angelina County Regional WWTP.	C	$4,110,000	70%			9925
2	111	10912	Angelina & Neches RA	TX0056154	573	Collection system improvements to divert flow from the Redland Estates Subdivision and from Angelina Co FWSD # 1 to the River Authority's North Angelina County Regional WWTP. The ANRA WWTP currently treats flow from the Central ISD, the Idlewood WCID, and the DADS Lufkin State Supported Living Center.	C	$1,107,500	70%			9924
158	10	10714	Anson		2,477	Install 6 and 8-inch gravity lines and manholes to eliminate two antiquated, unreliable lift stations on the City's west side. The City also wants to refinance a $3.2 million USDA loan that was used for the Anson WWTP and collection lines in 2009-2010.	PDC	$3,900,000	30%	Yes-BC	$666,974	10047
130	15	10686	Baird	TX0053384	1,673	Construct a lift station on the southeast corner of the City, a force main to and a new facultative lagoon treatment facility south of the City, an effluent pipeline, and a center pivot irrigation system to irrigate an 84 acre site. The existing mechanical plant will be abandoned.	PDC	$3,800,000				
176	0	10688	Baird	TX0053384	1,673	Replace 19,500 feet of 6 and 8-inch sewer line and install 30 manholes. The City experiences very high infiltration in the 50 year old clay sewer lines along the creek through town. Most of the sewer lines in the downtown are do not have manholes.	PDC	$2,500,000				

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63	43	10924	Ballinger	TX0099759	3,671	Expand the City's WWTP and effluent recycling land application system. The City is currently adding an RO treatment component to its WTP to comply with SDWS standards. Additional wastewater will be generated, potentially exceeding the capacity of the City's existing WWTP.	C	$1,710,500	30%	Yes-BC	$1,973,000	
154	10	10696	Bangs	TX0053511	1,518	Add a secondary clarifier at the City's WWTP for system reliability.	PDC	$1,000,000	30%			
174	0	10428	Bastrop Co WCID # 2		1,435	The District would like to purchase this wastewater collection system from its current owner, the LCRA. Flows from this system are treated by the City of Bastrop. This is a purchase of an existing system.	A	$4,000,000				
18	70	10671	Bevil Oaks	TX0054551	1,274	Structurally rehabilitate the City's WWTP and construct new treatment units to enhance the original units. The plant is 33 years old and has structural deterioration in many parts and sections. A possible second alternate would be to abandon the WWTP and divert flow to the City of Beaumont for treatment.	PDC	$2,352,415				
98	30	10447	Blanket	TX0127922	508	The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, stabilization ponds, and irrigation holding pond. The existing lift station will be modified to pump the wastewater to the new WWTP. It is proposed to irrigate approx. 12 acres with a new center pivot irrigation system.	PADC	$1,300,000				
198	61	10972	Bonham	TX0021814	10,127	The City needs to rehabilitate/upgrade their existing wastewater treatment plant components to address TCEQ notice of violations and operational issues. The City is proposing to complete a 3 phase project addressing the issues with their existing wastewater treatment plant. Phase I ill consist of improvements to the plant's headworks; phase 2 a comprehensive review of the treatment plant components and rehabilitation of several components; and phase 3 will consist of improvements to address operational issues with the plant. As part of phases 1 and 2, the City proposes to add a new comminutor; screening equipment; rehabilitate SBR diffusers; remove sludge from the SBR basins; rehab of trickling filters; rehab of anaerobic digester; electrical and control rehab; pumps; polymer feed equipment; replace of non-potable recycle water equipment. Phase 3 is planned to consist of tertiary filtration; phosphorous removal; anaerobic digester improvements; SCADA, electrical and controls; and new emergency generator.	PDC	$3,564,000	30%			

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199	0	10976	Bovina		1,868	The City needs to construct improvements to the piping at the lagoon treatment facility and to the pumping facilities for the effluent disposal by irrigation. The City is proposing to reconstruct and rehabilitate the irrigation effluent disposal system and reconfigure the inlet piping at the facultative lagoon. Improvements at the lagoon will require the draining of the pond, sludge removal from the pond and an existing Imhoff tank, and possible lift station improvements. While the pond is drained, testing will be conducted on the liner to assure the current condition meets TCEQ requirements. if the liner does not meet requirements, a plan will be developed to construct the necessary improvements.	C	$452,000				
28	65	10833	Brady	TX0034312	5,500	Construct a wastewater collection system and WWTP to provide first time service to residences around Lake Brady, whose septic tanks threaten the City's water supply. Also replace the City's WWTP with a new 1.5 MGD WWTP capable of advanced treatment	C	$20,608,500	50%	Yes-Comb.	$5,780,000	9168
29	65	10834	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities portion of the project identified by (2012 IUP) 9168 and 9169	C	$8,805,000	30%	Yes-BC	$3,000,000	9170
119	20	10720	Brady	TX0034312	4,320	Replace sewer lines to correct infiltration/inflow problems.	PDC	$417,000				
45	55	10775	Brownsville	TX0055484	202,865	Replace 61,240 LF of vitrified clay pipe with PVC pipe, rehabilitate 26 lift stations, and decommission 8 lift stations. This project is essentially the second phase of TWDB ARRA project 72495, to continue needed improvements to the City's deteriorating collection system.	PDC	$40,479,009		Yes-BC	$1,335,807	
113	25	10758	Brownsville	TX0071340	202,865	Deliver 5 to 6 million gallons per day of reclaimed water from the Robindale WWTP to industries north of Brownsville.	PDC	$20,389,480		Yes-BC	$2,222,045	
114	25	10761	Brownsville	TX0071340	202,865	Replace 3,178 of vitrified clay pipe with PVC pipe and rehabilitate 13 lift stations. The PUB completed design of this project through TWDB project 72495. It was omitted from the construction phase due to budget constraints.	C	$7,869,999		Yes-BC	$650,000	
124	20	10759	Brownsville	TX0071340	202,865	Construct four new lift stations and associated force mains across the north side of the PUB service area, upgrade an existing force main, and construct a new force main from existing Lift Station 111. Existing mains are overloaded and cannot accommodate additional flow.	PDC	$31,989,620				

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125	20	10764	Brownsville	TX0071340	202,865	Abandon the Brownsville Navigation District's North Side and Turning Basin WWTPs and divert flow to the Brownsville collection system. The project will required lift stations at both WWTP sites, 4,800 feet of 10-inch diameter force main, 52,000 feet of 20-inch force main, and upgrades to the collection system along FM 802 including to 13 lift stations. The WWTPs will be demolished.	PDC	$25,701,617		Yes-BC	$700,000	
182	0	10757	Brownsville	TX0055484	202,865	Construct improvements at the head works and sludge dewatering facilities to address high levels of hydrogen sulfide gas. At the head works add channel covers, a containment building, and field-constructed enclosed-vessel biofilters, fans, and ductwork. At the sludge dewatering facilities add a containment building to house the belt filter press, and field-constructed enclosed-vessel biofilters, fans, and ductwork.	PDC	$4,322,000		Yes-BC	$2,555,000	
183	0	10765	Brownsville	TX0071340	202,865	Add field-constructed enclosed-vessel biofilters, fans, and duct work to limit corrosion and provide odor control at 11 lift stations.	PDC	$4,119,000		Yes-BC	$4,119,000	
142	11	10448	Buckholts	TX0073008	514	The project included the construction of new influent headworks, repair cracks in existing concrete walls of oxidation ditch, repair and repaint each clarifier mechanism, upgrade electric panels, install new ultrasonic flow meters and chart recorders. The City will complete an Asset Management Plan as part of the proposed project.	PDC	$288,500	30%			
140	12	10706	Campbell	TX0072508	683	Replace undersized lines, extend new lines to residences that do not have service, replace the collapsed railroad bore, and install a generator and automatic transfer switch at the Birch Street lift station.	PDC	$423,583				
171	1	10707	Campbell	TX0072508	683	Place a concrete lining in the flow equalization basin, replace gate valves at the chlorine contact chamber, install a return activated sludge flow sensor, improve the head works and add a grit removal system, and install an emergency generator and automatic transfer switch at the plant lift station.	PDC	$442,300				
105	27	10701	Canton	TX0099112	3,581	Complete east and west outfall renewals and construct a new north outfall.	PDC	$3,475,000				
71	41	10464	Castroville	TX0129364	2,680	Construction of the expansion from 0.35 MGD to 0.7 MGD of the City's WWTP. The plant will be designed to meet more stringent discharge limits as set forth in the new TCEQ discharge permit. The design will also allow modulation between the new and old facilities as necessary for the treating of flows and diversion of plant effluent to either reuse irrigation or river discharge.	C	$9,050,000				
145	11	10835	Castroville	TX0129364	3,053	Extend wastewater collection to the eastern part of the City. A new lift station, collection main and force main.	C	$1,952,500				9269

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200	55	11013	Chateau Woods MUD	TX0090123	3,505	The District is experiencing issues maintaining treatment levels due to the size and age of their wastewater treatment facility. The District is proposing to add a 0.2 MGD treatment capacity to their wastewater treatment facility. The additional treatment train will allow the District to maintain treatment while removing the original 0.2 MGD treatment facility from use for repairs/rehabilitation.	PDC	$2,439,000				
103	28	10922	Cisco	TX0053716	6,066	The project includes replacement of the City's main lift station that transports the raw sewage to the WWTP, addition of a screening system to the City's new main lift station, and the replacement of another existing sanitary sewer lift station located approximately at East 24th St and Humble Ave that has been identified by TCEQ as being in need of replacement. Due to ongoing drought in the area, the City is concerned with the long-term viability of its primary raw water source, Lake Cisco. To address the issue, the City proposes to add several new treatment processes to the City's WWTP, including a new mechanical secondary treatment process, filtration and disinfection processes to enhance the quality of the WWTP effluent, with the goal of permitting a new outfall west of the WWTP at Bernie Lake, which will begin supplementing Lake Cisco with additional raw water.	C	$4,671,000	30%	Yes-BC	$3,776,367	10097, 10098
54	51	10698	Colorado City		4,121	Install 5.5 miles of sewer line to eliminate 5 of the City's 6 existing lift stations. This includes the City lift stations at the two prisons, which cost the city significantly in O&M charges. The proposed lines will also provide sewer service to areas where sewer service is currently unavailable on the east side of town. The City has been cited by TCEQ for not having backup power for its lift stations. Untreated sewage has discharged when lift stations have failed.	PDC	$3,800,000	30%	Yes-BC	$3,800,000	
81	40	10697	Colorado City		4,121	Expand the City's integrated lagoon WWTP from 1.12 to 2.12 MGD by adding additional ponds and a center pivot irrigation system.	PDC	$9,000,000	30%			
20	70	10715	Comanche	TX0022730	4,320	Replace two clarifiers, install new drying beds, and reconstruct a sludge drying box at the City's WWTP.	PDC	$1,077,000	30%			
21	70	10718	Comanche	TX0022730	4,320	Replace lines throughout the City to reduce infiltration and inflow.	PDC	$372,000	30%	Yes-BC	$372,000	

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104	27	10446	Cottonwood Shores		1,454	The principal project consists of the construction of a no-discharge wastewater treatment facility. The facility will be constructed in stages beginning with 100,000 GPD in the first stage and will increase in the second stage to 200,000 GPD as demand warrants. The City will complete an Asset Management Plan as part of the proposed project.	PDC	$2,479,000		Yes-BC	$50,000	
67	42	10460	Cotulla	TX0027499	6,786	Expansion of lift station and interceptor capacity. The project will also include the development of an Asset Management Plan.	PDC	$8,295,774	50%			
170	1	10425	Cranfills Gap	TX0122360	243	The project is to replace the existing WWTP with a new package plant and to replace four manholes. The City also intends to prepare an Asset Management Plan with the assistance of the TCEQ FMT contractor.	PDC	$2,558,880				
50	51	10594	Cushing	TX0053937	712	Remove sludge from ponds and install aerators. The WWTP has been in consistent violation of TCEQ discharge limits.	PDC	$954,203				
65	42	10617	Daingerfield	TX0027031	2,573	At the City's WWTP rehabilitate the 44-year old clarifier, construct peak flow diversion pump station, construct a new chlorine contact basin, and construct a sludge pump station.	DC	$1,500,000				
137	15	10744	Del Rio	TX0053830	39,078	Funding would allow the City to begin the second phase of a multi-phased, multi-year program to reconstruct aging and undersized components in the City's collection system. The first phase has a CWSRF commitment through project 73639. Work will be done in conjunction with projects to restore the City's water distribution system (6150 & 62590).	PD	$500,000				
41	55	10920	Dell City		383	Increase irrigation capability at the City's WWTP from 1 to 74.6 acres.	C	$687,613	70%			
141	11	10724	Dell City		383	The City needs to replace two lift stations and install 6,000 feet of 8-inch force main. They anticipate using TDA grant funds for the lift stations, and using CWSRF funds for the force main.	ADC	$543,950	70%			
77	40	10689	Dilley	TX0117218	1,500	Rehabilitate the facultative lagoon treatment plant that serves the TDCJ prison. Remove and dispose of sludge, install outfall piping, and rehabilitate the plant lift station.	PDC	$965,000				
162	10	10589	Dilley	TX0115282	3,894	Replace a trunk line in the northern portion of the City with a 12-inch line. The existing line consists of small, deteriorated pipe that frequently produce spills.	PDC	$1,012,000				
138	12	10592	Domino		213	Construct a new wastewater treatment plant. A companion PIF would install a collection system for first time service to the City.	PDC	$1,701,000				10282
139	12	10640	Domino		213	New service to unserved area	PDC	$1,448,000				10023
38	60	10508	Dublin		3,679	Collection system and treatment plant improvements.	PADC	$10,960,000				

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167	10	10915	Eagle Pass	TX0107492	44,329	Expand an existing lift station to resolve ongoing problems related to reliability and maintenance. Rehabilitate portions of the collection system that are experiencing failures due to old and degrading pipes and manholes.	PDC	$17,939,941				
133	15	10732	Early		2,768	Construct a new lagoon and pond treatment plant with an irrigation system. The City's flow is currently treated by the City of Brownwood. The system would reduce Early's operation cost and provide beneficial reuse.	PADC	$10,250,000				
44	55	10422	East Cedar Creek FWSD	TX0074861	14,103	The planning and design of the rehabilitation or replacement of the Tamarack subdivision collection system.	PDC	$2,165,000	30%	Yes-BC	$1,610,000	
163	10	10494	Eastland	TX0024007	3,960	The proposed project includes the replacement of existing collection system pipes and a lift station which have reached the end of their useful lives.	PDC	$2,061,700	30%			
107	26	10497	Eden	TX0079804	2,766	Installation of screen upstream of the City's to influent lift stations and new service to previously un-served areas.	PDC	$1,619,000				
129	15	10662	Edgewood	TX0023710	1,441	Replace aging collection lines and install a sludge dewatering unit at the WWTP.	PDC	$1,472,250				
175	0	10851	Edgewood	TX0023710	1,441	The City needs to address sludge handling at the WWTP. The City is proposing to install a sludge dewatering unit at the WWTP to address sludge handling issues.	PDC	$166,800				
134	15	10694	El Campo	TX0021474	11,602	Conduct a planning study to identify the potential and alternatives for providing reclaimed water to potential customers; and design improvements to the WWTP to make Class I effluent reuse feasible. Among alternatives are: pumping effluent to the proposed LCRA Lane City above-ground reservoir; pumping effluent directly to farmers/irrigators; and pumping effluent to a land-spreading site to enhance aquifer recharge. When implemented the City could eliminate discharge to Tres Palacios Creek.	PD	$150,000		Yes-BC	$60,000	
17	71	10490	El Paso Co Tornillo WID	TX0126772	4,141	Planning, design, and construction of a collection system to serve seven residential subdivisions in Tornillo, TX that currently utilize on-site sewer facilities, many of which are failing. These seven subdivisions are known as Rancho Henerson, Drake Unit 2, Drake Unit 3, Drake Unit 4, Drake Unit 7, Drake Unit 8, and Knox Acreage.	PDC	$7,777,411	70%			

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48	53	10531	El Paso PSB		850,000	Planning, design, and construction of an approx. 3,000 ac-ft stormwater storage reservoir. The purpose of the project is to capture water from the Riverside Canal when flows exceed the quantity of water needed for municipal and irrigation purposes. The project is a water conservation and nonpoint source pollution control strategy intended to provide multiple benefits, including reduction of stormwater flows into Rio Grand Segment 2307. The project is also one component of an overall raw water conservation program for EPWU and the El Paso Co. Water Improvement District No. 1.	PDC	$70,304,015		Yes-BC	$10,000,000	
42	55	10729	Electra	TX0026964	2,816	Construct a holding pond and a center pivot irrigation system to convert the City's WWTP to no-discharge. The City has recorded discharge permit violations.	PADC	$1,750,000				10075
115	21	10730	Electra	TX0026964	2,816	Install 4.5 miles of sewer line in order to eliminate 10 lift stations. The City has been cited for the lack of alternate power at the lift stations, and has recorded spills. Also install one new lift station, and pressure and gravity sewers to provide service to 20 households that have water service, but use septic tanks and drain fields that occasionally fail.	PDC	$4,165,000		Yes-BC	$4,165,000	
60	45	10916	Elsa	TX0104990	5,660	Upgrade three lift stations and replace two force mains. Improvements will include new pumps, motors, piping, valves, electrical panels, a generator and site improvements. Also, clean, evaluate and replace old vitrified clay sewer lines.	PDC	$3,322,500	30%	Yes-BC	$270,000	
39	58	10496	Euless		52,780	The project will extend the existing City reclaimed water system, which currently serves a golf course and athletic fields. The expansion 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.	C	$2,502,000		Yes-CE	$2,502,000	
147	11	10845	Falfurrias		4,885	Rehabilitate 7 of the City's 11 lift stations including the Ranchito, Swimming Pool, Magnolia, Whistler, Bradely, Warehouse and Nate lift stations.	C	$1,182,606	30%			
148	11	10846	Falfurrias		4,885	Replace 9,250 feet of vitrified clay sewer line with 8-inch PVC. Replace 13,300 feet of force main with 2,500 feet of 6-inch and 10,800 feet of 12-inch PVC force main.	C	$1,493,739	30%			
164	10	10471	Falfurrias		4,419	Improvements to the City's wastewater collection and treatments systems.	PD	$418,500	30%	Yes-BC	$285,000	
8	81	10605	Farmersville	TX0076091	3,301	Design and construct a new wastewater treatment facility. The City's two existing WWTPs are old and in very poor condition. The facility may be constructed and owned by the North Texas MWD, and serve other customers on the east side of Lake Lavon.	PDC	$6,204,527				10385

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34	61	10863	Farmersville	TX0076091	3,301	Construct interceptors to deliver flow to a new regional WWTP on the east side of Lake Lavon.	PDC	$7,160,200				10384
196	41	10996	Fort Worth	TX0047295	1,104,433	The City needs to provide storage capacity for peak flows at their existing Village Creek Wastewater Treatment facility. The City is proposing to construct a 40 MG concrete storage basin and two earthen storage basins; one earthen basin will be approximately 70 MG and the second basin will be approximately 340 MG. The City will need to install approximately 7,000 feet of 96-inch diameter pipeline to transport the flows to the basins and improvements to the treatment facility to enable the use of the basins.	C	$30,000,000				
197	51	10997	Fort Worth	TX0047295	1,104,433	The City needs to add a parallel 66-inch sanitary sewer line; add a 30-inch sanitary sewer line and metering station to address flows. The City is proposing to add approximately 5,200 feet of 66-inch diameter sanitary sewer line to parallel an existing 54-inch line identified as M-402 and add approximately 2,800 feet of 30 sanitary sewer line with a metering station to serve wholesale customers.	C	$9,000,000				
159	10	10473	George West	TX0132799	2,524	The project consists of the rehab of 6" thru 8" sanitary sewer lines including manholes and tie-ins throughout the City.	PDC	$1,380,068	30%			
101	30	10597	Gladewater	TX0022438	6,842	Repair or replace failing treatment units, and install new sludge management equipment and SCADA.	PDC	$2,403,000		Yes-BC	$504,630	10028
59	45	10666	Glen Rose	TX0033316	2,592	Expand the City's WWTP from 0.6 to 1.0 MGD and upgrade effluent quality to meet Type I reuse requirements. The project will include new head works, preliminary, primary, secondary and tertiary treatment improvements, and upgrading the disinfection process to UV disinfection. Sludge handling facilities will be expanded. The City's effluent reuse facilities, which now include irrigation on a nearby golf course, will be upgraded to reuse 100% of the flow to meet non-potable reuse needs.	PDC	$8,161,000		Yes-BC	$3,000,000	
117	20	10478	Gorman	TX0021806	723	The City currently operates a facultative lagoon pond system under a discharge permit. The current pond system is having problems meeting current discharge permit parameters. The City is proposing to install an irrigation facility as well as the required appurtenances in order to irrigate their treated effluent. The City will also amend the TCEQ permit to be a no discharge permit.	PADC	$1,750,000	50%			
75	40	10572	Graford	TX0104752	830	Clean and reconstruct the facultative lagoon and stabilization ponds at the City's WWTP and install aeration equipment.	PDC	$375,000		Yes-BC	$375,000	

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160	10	10678	Grand Saline	TX0027545	3,172	Expand the City's WWTP from 0.54 to 0.8 MGD.	PDC	$4,613,500	30%			9984
161	10	10681	Grand Saline	TX0027545	3,172	Replace deteriorated and low lying lines that are known sources of infiltration and inflow	PDC	$1,466,700	30%			9980
179	0	10556	Greater Texoma UA		15,984	Replace the trickling filter process at the City of Gainesville's WWTP with a 4.0 MGD sequencing batch reactor process. Implement a SCADA system and upgrade the ultraviolet light disinfection system. Gainesville is in Cooke County.	PDC	$10,968,215				
180	0	10909	Greater Texoma UA		43,199	Replace approximately 4,200 feet of 12-inch and 5,260 feet of 18-inch diameter sewer with 18-inch sewer main. Existing lines are deteriorated and have severe infiltration and capacity problems.	PDC	$635,697				
181	0	10910	Greater Texoma UA		43,199	Complete an engineering study to ascertain the optimum process for nitrogen and phosphorus removal. Reconstruct the plant's head works, and replace sensors and control elements to upgrade the 10-year old UV disinfection system.	PDC	$7,168,704				
202	20	11023	Greater Texoma UA - Whitewright	TX0033294	1,600	The Greater Texoma Utility Authority (GTUA) working with the City of Whitewright (City) needs to replace a deteriorating lift station to increase efficiency and provide service to additional areas. GTUA is proposing to replace and relocate an existing lift station to address deteriorating conditions and provide service for a larger area. The new lift station will include new electrical, SCADA, force main discharge piping, some new collection system piping to the lift station, a new generator, and appurtenances as needed for a complete project.	PADC	$1,300,973				
9	80	10626	Gustine	TX0117722	447	Modify the aeration basins and clarifiers at the City's WWTP.	PDC	$450,000	30%	Yes-BC	$450,000	
169	5	10522	Harris Co FWSD # 47	TX0022462	2,434	Rehabilitation and repair of the District's WWTP and rehabilitation or replacement of the WWTP lift station.	PDC	$986,500		Yes-BC	$146,000	
37	60	10451	Harris Co MUD # 50	TX0057053	3,361	The project includes collection system rehabilitation to address I/I issues and potential storm/sanitary sewer system cross connections.	C	$1,235,322				
100	30	10449	Harris Co MUD # 50	TX0057053	3,361	The design and construction of a WWTP to serve the north half of the District. The existing WWTP in the south side of the District is nearing capacity.	DC	$5,884,476				
72	41	10748	Harris Co MUD # 148	TX0131482	3,736	Replace lift stations with updated controls and electrical systems, and add generators. Existing facilities are over 30 years old.	PADC	$2,185,900				

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61	45	10559	Harris Co WCID # 36		10,977	Construct a new 2.0 MGD wastewater treatment plant to serve only WCID 36. The District currently shares ownership with two other districts in a regional WWTP operated by Harris Co FWSD 51. That plant is approaching capacity and will require expansion. The regional contract was signed in 1974 and will expire in 2014.	PDC	$10,556,537	30%	Yes-BC	$500,000	
10	78	10475	Hico	TX0026590	1,347	Construction of additional treatment processes at the WWTP, improvements required for the construction of a reuse system at the WWTP, and the development of a sludge land application site. The proposed project also includes collection system improvements including the replacement of existing collection lines, rehabilitation of two existing lift stations, and the rehabilitation of manholes.	PDC	$2,405,900	50%	Yes-CE	$855,260	
27	66	10399	Houston	TX0096172	2,201,027	The City proposes to continue rehabilitation/replacement of existing wastewater collection systems city-wide by a variety of methods. The project also includes sanitary sewer cleaning and televised inspection and the purchase of six vacuum trucks in support of rehab. This project is required by TCEQ Agreed Order.	C	$60,500,000				
120	20	10649	Hudson	TX0068985	4,731	Replace the City's wastewater treatment plant. The plant was constructed in 1978 and has reached its useful service life. Most of the mechanical equipment has been replaced multiple times and concrete structures are deteriorating.	PADC	$4,274,900				
19	70	10919	Huntington	TX0053422	2,119	Renovate and expand the City's WWTP. Construct new clarifiers and a chlorine contact chamber; and expand the aeration basin and blower size. The project will bring the WWTP into compliance with TCEQ standards and allow abandonment and diversion of flow from an industrial WWTP owned by Lufkin Industries.	C	$1,993,700	50%			
122	20	10570	Hutto	TX0132926	14,698	Construct a new 2 MGD wastewater treatment plant. The existing WWTP is expected to reach full capacity in 2015.	PDC	$14,478,000				10274
123	20	10852	Hutto	TX0132926	14,698	Collection system improvements to feed the proposed Brushy Creek WWTP. Improvements will be either a 42" sewer interceptor OR modifications to the Enclave Lift Station and construction of an 18" force main.	PDC	$6,222,000				10067
51	51	10596	Jefferson	TX0024902	1,920	Provide first time service to an area in the northeast quadrant and along South Polk south of the City. Also rehabilitate sewer lines in the downtown area.	PADC	$3,690,625	30%			10027

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192	15	10943	Johnson City	TX0052973	2,080	The City is requesting planning and design funds to develop a reuse system to provide irrigation water to local parks, sports fields, and local irrigation. Planning and design funding to develop a reuse system for the City's wastewater effluent.	PDC	$335,000		Yes-BC	$225,000	10941
193	0	10944	Johnson City	TX0052973	2,080	The City needs to upgrade/rehabilitate their existing wastewater treatment plant and lift stations to address operational issues. The City is requesting planning, design, and construction funding to upgrade/rehabilitate their existing WWTP and lift stations.	PDC	$785,000				10942
52	51	10424	Kendall Co WCID # 1	TX0116742	3,000	Perform an analysis of the existing collection system to identify I&I problems and recommend specific solutions. The project will included manhole inspections and smoke testing. The results of the study will identify future projects. An asset management plan is planned to be developed in conjunction with this project.	P	$115,000				
74	40	10579	Kennard	TX0056596	409	Remove sludge and reshape lagoons to restore the WWTP's original treatment capacity.	PDC	$675,000	30%			
3	93	10836	Kerr County		2,104	Construction of a new wastewater collection system for the Center Point community and portions of eastern Kerr County. Asset management programs are being investigated for implementation during the planning and design phases.	C	$25,586,400	70%			9271, 9904, 10240
135	15	10769	Kerrville	TX0047333	22,263	Construct a 13.5 million gallon pond at the WWTP site to store treated effluent for reuse purposes.	PDC	$3,248,282		Yes-BC	$3,248,282	
78	40	10501	Kirbyville	TX0023574	2,428	Rehabilitation of both the collection system and the WWTP. Improvements to the WWTP will include expansion of hydraulic and solids handling capacities. The City is under an Agreed Order by TCEQ.	PDC	$2,703,880	50%	Yes-BC	$1,500,000	
136	15	10837	Kyle		29,293	Expand the City's wastewater treatment plant from 3 to 4.5 MGD by adding a third 1.5 MGD treatment train.	PDC	$4,250,000				10241
43	55	10699	La Feria	TX0128112	7,405	Construct Type I reuse facilities at the City's WWTP and a reclaimed water distribution system. The project will reduce nutrient discharge to the AN-49 watershed that affects the above tidal section of the Arroyo Colorado.	PDC	$1,651,815	30%	Yes-BC	$1,651,815	
87	36	10514	La Feria	TX0128112	7,321	Converting the two aeration basins to a diffused aeration system using blowers capable of having a "turn-down" feature to meet the actual demand of the plant at a given point in time. The improvements will provide energy savings.	PDC	$1,558,320	30%	Yes-BC	$1,558,320	

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53	51	10923	La Joya	TX0127337	3,944	Install 8 and 10-inch gravity sewer lines, 1 lift station, and 6-inch force main to provide first time service to the Havana area west of the City. Residents presently use septic tanks with drain fields or cesspools for wastewater disposal that generally do not meet TCEQ on-site design requirements. The area receives water from the Agua SUD.	PDC	$3,689,346	30%			
80	40	10743	La Joya	TX0127337	3,944	Install 1,360 feet of 12 and 8.,820 feet of 15-inch sewer line with manholes	PDC	$5,249,805	30%	Yes-BC	$2,941,277	10100
6	85	10392	La Villa	TX0133302	1,957	Due to continued increasing growth, primarily to the La Villa Detention Center, the project is to expand the City's WWTP.	PDC	$4,937,679	50%	Yes-BC	$1,248,000	
68	42	10408	Laredo	TX0025461	244,731	Construction of a 2 MGD WWTP to serve the Sombreretillo Creek and land in the Mines Rd area. This project will help eliminate the Zacate Creek WWTP which is in the 100 yr flood plain.	C	$10,000,000				
69	42	10409	Laredo	TX0085316	244,731	Expansion of the 12 MGD South Laredo WWTP to 18 MGD to serve the expected increase in flows from the growth in flows from the Zacate Creek WWTP.	C	$22,076,554				
70	42	10414	Laredo		244,731	Construction of 6 MGD Manadas Creek WWTP to provide service to Mines Rd and NE Lareado areas and relieve overloading conditions of 24" line on Mines Rd and 36" line on IH 35.	C	$24,000,000				
83	37	10407	Laredo	TX0025461	244,731	Construction of one 5 MGD lift station and force main from Zacate Creek WWTP to 54" wastewater interceptor thence to South Laredo WWTP.	C	$3,500,000				
84	37	10419	Laredo		244,731	Expansion of 6 MGD Manadas Crk WWTP to 9 MGD to provide service to Miles Rd and NE Laredo areas and to relieve overloading conditions of existing 24" line on Mines Rd. and 36" line on IH 35.	C	$16,346,631				
106	27	10406	Laredo	TX0025461	244,731	This project consists of sewer line repairs and manhole rehabilitation	C	$5,680,000				
178	0	10558	Liberty	TX0074284	8,397	Rehabilitate manholes to reduce infiltration and inflow as outlined in the City's response to a compliance agreement with TCEQ.	PDC	$639,000				
151	10	10573	Lone Oak	TX0100021	698	Replace three pumps in an existing lift station.	PDC	$500,000	30%	Yes-BC	$500,000	
66	42	10914	Los Fresnos	TX0091243	5,391	Rehabilitate lift stations, purchase standby generators and automatic transfer switches, and replace deteriorated and undersized vitrified clay pipes to reduce infiltration and inflow and improve performance. Also install collection facilities to provide first time service to existing development east of the City.	PDC	$8,178,239	30%			
195	51	10995	Los Fresnos	TX0091243	5,391	The city needs to rehabilitate their Lopez Lift station and extend service to unserved area on the east side of the city. Project 1: rehabilitate the Lopez Lift station; Project 2: extend sanitary sewer collection system east along Highway 100 to serve unserved customers.	PDC	$2,321,276	30%			10961

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97	30	10533	Lower Colorado RA		100	The project is the design and construction of a 0.05 MGD sequencing batch reactor WWTP for the unincorporated area of Alleyton, TX. This proposed plant will replace the existing plant.	DC	$1,350,000				
127	17	10747	Marble Falls		6,077	Construct purple pipe from the City's WWTP to two city parks and ten city sports fields. The City recently upgraded their wastewater plant to produce Type I effluent. The system will serve to extend the capacity of the City's water plant, and help alleviate drought issues on the Highland Lakes.	PDC	$1,285,000		Yes-BC		
94	31	10767	Marshall	TX0021784	23,399	Rehabilitate digester # 3 and two bio filter towers at the City's WWTP.	PDC	$3,673,700				10136
95	31	10768	Marshall	TX0021784	23,399	Rehabilitate the East End Lift Station. The aging lift station is inefficient and has no reliable source of emergency power.	PDC	$1,679,300		Yes-BC	$375,000	10137
24	68	10838	McAllen	TX0093106	129,877	A 24 to 48-inch trunk sewer that will convey wastewater from unsewered portions of McAllen and Agua SUD CCNs to the City's North WWTP.	C	$21,200,000	30%			9440
5	87	10405	Mission	TX0070017	84,203	The City proposes to expand its WWTP from 9 MGD to 13.5 MGD.	PDC	$17,250,000		Yes-BC	$425,000	
173	0	10727	Moran		207	Replace sewer lines that contribute to infiltration and inflow.	PDC	$365,000		Yes-BC	$365,000	
172	1	10692	Moulton	TX0053287	944	Develop and implement a comprehensive asset management program to address wastewater system deficiencies. This will include an evaluation of collection lines, manholes and lift stations.	PD	$92,800				
49	52	10437	New Summerfield	TX0107875	1,314	PD funding for ultimate construction of new collection lines, lift station(s), and force mains for neighborhood within corporate city limits of New Summerfield. It is expected that 23 households will be connected with the expectation of decommissioning a like number of OSSFs.	PDC	$795,000	30%			
201	40	11016	NW Harris Co MUD # 22		3,850	Rehab of the WWTP, collection system, and wastewater trunk line, as well as replacement of the WWTP lift station pump.	DC	$3,010,000				
109	25	10925	Olney	TX0024261	3,261	Construct a pump station and pipeline to transport effluent and augment supplies in Lake Olney.	C	$2,520,000	30%	Yes-BC	$1,705,000	
146	11	10839	Orange Co WCID # 2	TX0054810	3,830	Construct a 3.5 MGD lift station and 5,000 feet of force main to allow the District's WWTP to discharge directly to the Sabine River. The current discharge is to Adams Bayou, a tributary of the Sabine River. Also construct a new chlorine contact chamber	C	$2,591,424				
93	31	10663	Paradise ISD	TX0103446	1,275	Replace the ISD's wastewater treatment plant with a larger unit to accommodate growth and potentially serve residential customers in the City of Paradise, which does not now have a centralized wastewater system.	PD	$282,000				

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33	61	10860	Patton Village	TX0131636	1,557	Construct a wastewater collection system to provide first time service for the City. The system will include approximately 60,000 feet of gravity sewer, 7 lift stations, and 13,200 feet of force main. Flow will be treated at the City's Woodgate Mobile Home Village WWTF.	PDC	$7,808,000	70%			
22	70	10608	Pearland	TX0117501	100,390	Expand the City's Far Northwest WWTP from 2 to 4 MGD. The plant has reached 75% of capacity. The expanded plant will serve a rapidly expanding area of the City.	PD	$3,000,000				
88	35	10622	Pecos City		8,657	Replace old and deteriorating components of the City's collection system. The project will include 43,000 feet of 8 to 12-inch diameter pipe, 125 manholes, and two lift stations. The Town has already purchased many of the components.	DC	$2,875,000	30%	Yes-BC	$2,875,000	
76	40	10918	Petersburg		1,202	Construct a new facultative lagoon treatment system with a storage pond and an irrigation system to provide a cost effective solution to TCEQ violations at the existing WWTP.	PDC	$1,642,991	30%			
56	51	10749	Pharr	TX0062219	70,400	Installation of gravity sewers and elimination of 3-5 lift stations	PC	$13,201,640	30%			
108	25	10423	Pineland	TX0027154	823	The proposed project is for the planning, design, and replacement of the City of Pineland's existing WWTP.	PDC	$1,750,000	30%			
96	31	10917	Port Arthur	TX0047589	53,937	Construct a new wastewater treatment plant to replace the City's Main WWTP. Preliminary analysis indicates an average daily flow of 15 MGD (current is 9.2) and a peak flow of 75 MGD (44.8). The existing WWTP and lift station will be demolished, structures removed or abandoned in place and the property rerecorded.	PDC	$87,188,325		Yes-BC	$77,211,375	
156	10	10534	Quitman	TX0022748	1,809	The planning, design, and construction of WWTP and collection system improvements.	PDC	$5,265,500	50%			
14	75	10840	Ranger	TX0118702	2,568	Replace the City's mechanical WWTP at a new site with a new facultative lagoon, stabilization pond and irrigation holding pond. A holding tank & pump station would be constructed at the existing WWTP and a 12" force main would deliver wastewater to the new site.	C	$4,320,079	50%			9126
86	36	10459	Reno		2,528	Planning and design of a new wastewater collection system to areas within the City of Reno (Parker County). These areas include Arvel Circle, Springtown Reno Elementary School, and South Reno Road.	PDC	$8,918,000				
13	75	10928	Rio Hondo		2,361	Effluent Polishing Wetlands & Direct Reuse	PDC	$1,310,703	30%			
36	60	10926	Rio Hondo	TX0027782	2,356	Collection system repair and replacement, polishing wetlands and a reuse line	PDC	$3,573,242	50%			
35	61	10468	Robstown	TX0020389	11,487	The improvement and expansion of the existing wastewater system for the southwest portion of the Robstown area. The project would include a new lift station and approx. 3,008 feet of 21" PVC sanitary sewer collector line, and approx. 6,400 feet of 16" force main.	PDC	$3,333,461	30%			

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143	11	10441	Rosebud	TX0023981	1,415	The project includes collection system rehabilitation/replacement to correct I&I issues. The City intends to prepare an Asset Management Plan with the assistance of TCEQ's FMT contractor.	PDC	$840,258	30%	Yes-BC	$387,400	
118	20	10529	Royalwood MUD	TX0062952	1,982	Rehabilitation of the MUD's existing WWTP.	PDC	$804,830				
15	75	10432	San Antonio Water System	TX0052639	1,552,024	This construction project will replace a sewer lines between Quintana Road and SW Military Drive. The lines, being undersized and in poor condition, will be increased from 54 inches to 90 inches to handle peak storm events and to accommodate growth in the upper sewershed. This project is included in the EPA Consent Decree Early Action Program.	C	$15,880,000				
30	65	10429	San Antonio Water System	TX0077801	1,552,024	By replacing about three miles of 24" to 36" wastewater main in the Eastern Sewershed, the project will add capacity to the wastewater collection transmission system where SAWS has had SSOs due to inadequate capacity during 5-year, 6-hour design storm event. This is a future project on the EPA Consent Decree.	D	$2,015,000				
31	65	10431	San Antonio Water System	TX0077801	1,552,024	This project will fund the rehabilitation of approx. 40 miles of small and 5 miles of large diameter sewer mains. This project is part of the EPA Consent Decree Early Action Program.	C	$28,895,000				
126	20	10841	San Antonio Water System	TX0077801	1,517,000	SAWS has identified 87 miles of sewer line that have experienced sanitary sewer overflows and need rehabilitation. They have completed design on 51 miles. The SSO rehabilitation project will rehabilitate 34 of the 51 miles with completed design.	C	$23,967,700				9879
184	0	10588	San Antonio Water System	TX0077801	1,517,000	Construct 23,000 feet of 21 and 24-inch wastewater main to eliminate sanitary sewer overflows.	D	$1,484,512				
185	0	10606	San Antonio Water System	TX0077801	1,517,000	Replace 7,500 feet of deteriorated and undersized 60-inch sewer main along Alamo Street from Josephine to Elm in downtown San Antonio.	C	$11,538,700				
186	0	10655	San Antonio Water System		1,517,000	Wurzbach from Blanco to Nakoma – construct 19,000 linear feet of 8 to 36-inch line. Construct a 15 to 36-inch gravity main in the Eastern Basin along Salado Creek between Jones Maltsberger Road and Blanco Road, and an 8 and 12inch gravity main along Rhapsody between Highway 281 and W. Silversands.	D	$1,567,648				
187	0	10656	San Antonio Water System	TX0077801	1,517,000	Replace 60,000 feet of sagging, deteriorated 8 to 24-inch sewer main to reduce SSOs. This project also has a water main replacement component.	C	$9,507,394				
188	0	10657	San Antonio Water System	TX0077801	1,517,000	Rehabilitation of pipelines due to sanitary sewer overflows	C	$55,739,850				

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189	0	10658	San Antonio Water System	TX0077801	1,517,000	SAWS is completing design on $21.5 million in sewer pipelines to replace or rehabilitate lines that have experienced sanitary sewer overflows. SAWS has developed a sewer pipeline asset management plan, and lines are prioritized by frequency of overflows. The most critical projects are rehabilitated first.	C	$21,492,400				
190	0	10661	San Antonio Water System	TX0077801	1,517,000	Improvements to four (5, 6, 7 & 8) of the eight anaerobic digesters at the Dos Rios WRC. Clean the digesters, repair dome seams and liners, replace draft tube mixers with pump-mix systems; replace dome hatches and man-ways, dome pressure/ vacuum relief assemblies and three-way valves; and replace gas meters and temperature probes. Improve electrical, instrumentation and control systems.	D	$1,040,870		Yes-BC	$900,000	
191	0	10433	San Antonio Water System	TX0077801	1,552,024	This construction project, Phase 1, will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet federal, state, and local electrical codes.	C	$13,435,000				
82	40	10404	San Diego MUD # 1	TX0023361	4,753	The project consists of the rehabilitation of the existing WWTP and the collection system lift stations.	PDC	$1,980,983				
73	41	10668	San Juan	TX0057592	34,872	Provide first time sewer service to 105 existing homes. The project will include installation of collection lines, service lines, connection to homes, and decommissioning septic tanks and cesspools.	C	$1,960,000				9968
102	30	10673	San Juan	TX0057592	34,872	Replace, eliminate, enlarge and rehabilitate of six lift stations and install new force mains to alleviate wastewater collection and pumping problems. Funds to plan and design the project were made available through TWDB project 73637.	C	$5,200,000				9974, 9728, 9846, 9399
62	45	10435	San Marcos	TX0047945	69,873	The proposed project will replace or rehabilitate wastewater collection infrastructure in three areas of the City of San Marcos.	C	$4,562,550	30%	Yes-BC	$4,562,550	
91	33	10869	San Marcos	TX0047945	69,873	Expand the City's reclaimed water system to provide irrigation in City parks and to provide chill plant make-up water and irrigate 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	
152	10	10591	Santa Anna		1,009	Remove and replace earthen pond liners. Existing liners are not adequately holding the contents of the WWTP ponds.	PDC	$1,800,000	30%			
25	66	10427	Sequoia ID		496	Rehabilitate sanitary sewer lines and associated manholes. The project will also include the cleaning and TV'ing the existing lines to determine construction methods to be used to address the problems.	PDC	$1,800,000	50%			

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99	30	10503	Shallowater		2,484	The project involves the repair of the WWTP clay liner, installation of new security fencing around the land application area, and installation of an irrigation system for treated effluent.	DC	$529,500				
204	30	11024	Sonora	TX0023191	3,115	The City of Sonora needs to continue addressing wastewater system deficiencies to meet a Texas Commission on Environmental Quality enforcement order. The City needs to address enforcement actions items 21 through 24 and replace a failing lift station. The City is proposing to address sanitary sewer collection system deficiencies by cured in place (CIP) or pipe bursting methods of pipe rehabilitation. The City will also be adding manholes on ends of existing sewer lines to allow access for maintenance. The City will be rehabilitating existing manholes by repairs, new manhole sections, replacement of lids, and adding manhole liners. The City will replace the City Yard Lift Station to address deteriorating conditions and operational issues.	PADC	$4,400,000				
165	10	10482	Stamford	TX0025411	5,556	Replacement of collection system lines and lift stations.	PDC	$2,839,425	30%			
7	83	10492	Sterling City		888	The project includes extending the City's wastewater collection system to previously unserved areas, rehabilitating two existing lift stations, and improvements to the WWTP for expansion for reuse.	PDC	$3,170,550		Yes-CE	$648,685	
150	10	10722	Strawn		632	Replace old and deteriorating collection lines to reduce infiltration and inflow	PDC	$405,000		Yes-BC	$405,000	
85	36	10467	Troy	TX0058084	1,505	Expansion of the WWTP with the construction of a new concrete clarifier and the purchase of new solids drying equipment. The project will also included the preparation of an Asset Management Plan.	PDC	$620,000				
128	15	10745	Upper Leon River MWD		255	Construct an onsite sludge holding tank and dewatering system, and develop an industrial pretreatment program to remove molybdenum and other heavy metals from WWTP sludge. The sludge has excessive levels of molybdenum, likely from a nearby hospital, which prevents the District from applying it at the existing land application site, and resulting in substantially higher operating costs.	PDC	$889,500				10107
166	10	10506	Vernon	TX0023001	11,041	Rehabilitate and improvements to the WWTP as almost every plant unit is in need of rehab or replacement. The City also proposes to install 8 miles of treated effluent line from the WWTP for beneficial reuse.	PADC	$11,500,000	30%			
131	15	10652	Victoria Co WCID # 1		2,459	Construct a 150,000 gal/day capacity expansion to existing WWTP.	PDC	$1,700,000				10382

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
132	15	10862	Victoria Co WCID # 1		2,459	The proposed project will perform an I/I study, replace or construct trenchless rehabilitation of deteriorated sewer mains, manholes, and mainline cleanouts to bring the collection system into compliance with TCEQ rules. Funding is sought for planning, design and construction.	PDC	$1,420,000				10380
177	0	10861	Victoria Co WCID # 1		2,459	Project will provide an electrical power generator and provide disconnect panels and generator tails for each of the lift stations.	PDC	$270,000				
12	76	10693	Vinton		2,423	The project involves the design and construction of a new centralized wastewater collection system for the City.	PADC	$23,943,830	70%			10007
121	20	10484	Webb County	TX0118443	8,067	Rehabilitation of both the wastewater collection system and the treatment plant.	PDC	$7,490,966	30%			
116	20	10695	Weinert	TX0055204	158	Add aerators to the WWTP ponds to control algae, and replace two lift station pumps.	PDC	$215,700				
4	93	10566	Weslaco	TX0052787	35,720	North WWTP expansion consists of the expansion of a new effluent receiving well, influent pump station, a new headwords facility with mechanical screening and grit removal, elimination of Lift Station #12 and new gravity main to the plant, upgrade to Lift Station #1 and install a new 12" force main, reuse treatment, pump station and distribution system and new effluent pipeline.	C	$12,991,927		Yes-BC	$3,086,922	9933
11	77	10870	Weslaco	TX0116394	35,670	Develop a wastewater Master Plan and Asset Management Plan for the South Wastewater Treatment Plant.	P	$676,890				9935
23	68	10645	Weslaco	TX0116394	35,670	WWTP expansion from 2.5 mgd to 5.0 mgd	PDC	$45,912,871				9938
26	66	10563	Weslaco	TX0052787	35,670	New recycling scalping plants that will receive wastewater from force mains and existing manholes.	PDC	$1,156,600		Yes-BC	$1,156,600	9930
55	51	10565	Weslaco	TX0052787	35,670	Collection system extension for 200 homes using septics	PDC	$1,945,000				9932
149	11	10641	Weslaco	TX0052787	35,670	Develop a Master Plan for the north area of the city.	P	$677,090				9937
79	40	10844	West Tawakoni	TX0064513	2,601	Rehabilitate and upgrade the City's WWTP.	C	$3,022,500	50%			10019
155	10	10704	West Tawakoni	TX0064513	1,616	Replace old and deteriorating collection lines and rehabilitate lift stations.	PDC	$1,942,500	30%	Yes-BC	$1,942,500	
144	11	10452	Whitney	TX0106551	2,224	The project included the development of a Wastewater Master Plan. The project also includes the development of an Asset Management Plan with the assistance of TCEQ's FMT contractor.	P	$105,000	30%			
40	57	10510	Wichita Falls	TX0047686	104,000	The project includes nutrient reduction improvements to the River Road WWTP and a new pump station and pipeline to discharge 16 MGD of treated effluent into Lake Arrowhead. The need for the project is to shore up and extend limited water supply for the City and the surrounding communities that purchase water from the City.	PADC	$33,800,000		Yes-CE	$33,800,000	
110	25	10728	Willow Park	TX0099732	3,885	Replace old and deteriorated collection lines and manholes to reduce infiltration and inflow	PDC	$596,000		Yes-BC	$596,000	

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16	72	10586	Wimberley		580	Construct a wastewater treatment system to serve the downtown area and the Wimberley Nursing Home. Decommission an existing package WWTP and construct a new extended aeration activated sludge WWTP. Wastewater service is currently via septic systems which are deteriorating, limiting businesses from offering restroom service and potentially impacting groundwater quality and water quality in Cypress Creek.	C	$4,456,800		Yes-BC	$4,840,457	9755,9756
58	46	10603	Wimberley		580	Construct a subsurface irrigation system to serve the Blue Hole Regional Park.	C	$480,000		Yes-CE	$635,544	9754,9755
64	42	10587	Wimberley		580	Construct a new wastewater collection system to serve the downtown area and the Deer Creek of Wimberley Nursing Home. The system will consist of gravity sewers, force mains, 3 new lift stations, and modifications to the lift station currently serving the nursing home.	C	$2,527,440				9754,9756
194	10	10994	Winnsboro	TX0054658	3,584	The City needs to update and rehabilitate their 1980's era wastewater treatment plant. The City will complete planning, design, and construction to update and rehabilitate several components of their existing wastewater treatment plant to improve function and operations.	PDC	$1,013,255				
157	10	10737	Winters		2,280	Replace old clay pipes in various areas of the City and where outfall lines converge on the main lift station. Make improvements at the lift station, including mechanical screening equipment to prevent damage to pumps.	PDC	$2,344,000	30%	Yes-BC		
153	10	10557	Wolfe City	TX0023558	1,412	Replace aging collection system lines, manholes, and lift stations.	PDC	$1,000,000	30%			
57	50	10530	Woodloch	TX0075680	836	The planning, design, and construction of a replacement WWTP and collection system for the Town of Woodloch.	PDC	$2,730,000	70%			
111	25	10524	Yoakum	TX0026034	6,102	Sanitary sewer collection system rehabilitation and replacement.	C	$665,000				
112	25	10526	Yoakum	TX0026034	6,102	Sanitary sewer collection system rehabilitation and replacement.	DC	$435,000				
Total		**204**						**$1,476,373,385**	**75**	**81**	**$227,203,610**	

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NPS (Sec. 319)												
7	45	10583	Aqua WSC		3,102	First time sewer collection system for the remaining portions of the Stony Point Subdivision in western Bastrop County.	C	$1,462,043	70%			
5	60	10752	Brownsville	TX0071340	202,865	Extend first time wastewater service to unsewered areas northeast of the City. Areas include five subdivisions: Las Flores, Palacios, Central Estates, Praxedis Saldivar, and Las Palmas; and an unserved part of Old Port Isabel Road. Residents use private means of disposal that are not very effective in unsuitable soils, on small lots, with a high water table, and occasional flooding.	C	$3,262,400				
6	50	10760	Brownsville	TX0055484	202,865	Extend first time wastewater service to five subdivisions southeast of the City and south of the Brownsville International Airport. Subdivisions include Dockberry Estates, Colonia 21, Colonia Coronado, Paloma Blanca, and Milpa Verde. Residents use septic tank or other private disposal systems that present health hazards due to poor soil types, small lot sizes, high water table, and flooding.	C	$2,468,916				
3	72	10604	Buda		7,230	The proposed project includes the planning, acquisition, design, and construction of a centralized sewage construction system to connect all of the existing residential septic systems in the Hillside Terrace subdivision. The proposed collection system will discharge into a proposed lift station and will be pumped through a proposed force main that will discharge into the City of Buda's existing collection system. The sewage will then be conveyed to the City's existing treatment plant for processing. The subdivision is outside the City's water service area and is considered to be a nonpoint source contributor of pollution to the impaired water body of Plum Creek.	C	$4,380,000	70%			9829
2	80	10513	Harris Co FCD		-	Acquisition of 5,155 acres of land for a regional wetland bank, development of prairie grasslands and temp. flood storage during occasional inundation due to overflow; construction of a minor berm, generally less than 6 feet in height, for detaining water for up to six days in duration; excavation of a shallow channel to convey floodwaters to an outlet; development of a 500 foot wide, 7,000 feet wide greenway corridor along Bear Creek; and the temporary inundation of 5,755 acres of conservation land that are currently located within the 100 year floodplain.	PADC	$73,381,055		Yes-Comb	$73,381,055	
4	60	10700	La Feria	TX0128112	7,305	Constructed wetlands and bio-streams to address nonpoint source pollution in the AN-47 and AN-49 watersheds that affect the above tidal section of the Arroyo Colorado.	PADC	$5,273,211	30%	Yes-BC	$5,273,211	10014

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8	45	10741	La Joya	TX0127337	3,944	Install 60 new 4-inch short and 53 4-inch long sewer service connections.	PDC	$528,084	30%			10103
9	40	10670	Olmito WSC	TX0113875	5,843	Expand the WSC's collection system in two areas to provide first time service.	PDC	$1,301,500	30%			9971, 9979, 10677
1	103	10711	Orangefield WSC	TX0129313	5,031	Install collection systems in four subdivisions with 900 connections using vacuum pump technology. The systems will replace on-site septic tanks. The project will eliminate health hazards and improve water quality in Cow Bayou.	PDC	$16,875,450				
NPS Total		**9**						**$108,932,658**	**5**	**2**	**$78,654,266**	
Grand Total		**213**						**$1,585,306,043**	**80**	**83**	**$305,857,876**	

Phase(s): P - Planning; A - Acquisition; D - Design; C - Construction
Green Type: BC - Business Case; CE - Categorically Eligible; Comb - Project consists of both CE and BC components
Land acquisition is eligible for CWSRF funding only if it is integral to, or used in conjunction with, the treatment process, or is used for the ultimate disposal of residues resulting from such treatment. This includes land that is used specifically to treat water (e.g., effluent disposal fields, facultative lagoons, etc.) and includes land for WWTP sites, easements, etc.

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Appendix H. Alphabetic List of Ineligible Projects

	PIF #	Entity	Project Cost	Reason for Ineligibility
1	10547	Moore WSC	$2,545,000	Private entities may seek funding for NPS (Sec. 319) and estuary management (Sec. 320) projects only.
2	10677	Olmito WSC	$2,730,000	Private entities may seek funding for NPS (Sec. 319) and estuary management (Sec. 320) projects only.

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Appendix I. Projects Ineligible for Disadvantaged Funding

	PIF #	Entity	Project Cost	Reason for Ineligibility
1	10447	Blanket	$1,300,000	AAMHI
2	10446	Cottonwood Shores	$2,479,000	AAMHI
3	10425	Cranfills Gap	$2,558,880	AAMHI
4	10508	Dublin	$10,960,000	AAMHI
5	10497	Eden	$1,619,000	AAMHI, HCF
6	10522	Harris Co FWSD # 47	$986,500	AAMHI, HCF
7	10451	Harris Co MUD # 50	$1,235,322	HCF
8	10406	Laredo	$5,680,000	HCF
9	10407	Laredo	$3,500,000	HCF
10	10408	Laredo	$10,000,000	HCF
11	10409	Laredo	$22,076,554	HCF
12	10414	Laredo	$24,000,000	HCF
13	10419	Laredo	$16,346,631	HCF
14	10405	Mission	$17,250,000	AAMHI
15	10459	Reno	$8,918,000	AAMHI
16	10404	San Diego MUD # 1	$1,980,983	HCF
17	10492	Sterling City	$3,170,550	AAMHI, HCF
18	10745	Upper Leon River MWD	$889,500	AAMHI
19	10563	Weslaco	$1,156,600	AAMHI
20	10565	Weslaco	$1,945,000	AAMHI
21	10566	Weslaco	$12,991,927	AAMHI
22	10641	Weslaco	$677,090	AAMHI
23	10645	Weslaco	$45,912,871	AAMHI
24	10870	Weslaco	$676,890	AAMHI
25	10524	Yoakum	$665,000	HCF
26	10526	Yoakum	$435,000	HCF
			$199,411,298	

AAMHI = Adjusted Annual Median Household Income was greater than 75% of the State AAMHI.
HCF = Household Cost Factor did not meet the minimum threshold.

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
POTW (Sec. 212)												
1	111	10911	Angelina & Neches RA	TX0056154	573	Replace the Redland Estates Subdivision collection system outside the District on the east side of US 59, and provide first time service to 105 connections inside the District on the west side of US 59. In 2011 the District agreed to provide wastewater service to Redland Estates, which for many years had a collection system that discharged to a non-functioning treatment facility then raw to a tributary of the Angelina River. This project is integrally linked to the Angelina & Neches River Authority's project and flow will be treated at its North Angelina County Regional WWTP.	C	$4,110,000	70%			9925
2	111	10912	Angelina & Neches RA	TX0056154	573	Collection system improvements to divert flow from the Redland Estates Subdivision and from Angelina Co FWSD # 1 to the River Authority's North Angelina County Regional WWTP. The ANRA WWTP currently treats flow from the Central ISD, the Idlewood WCID, and the DADS Lufkin State Supported Living Center.	C	$1,107,500	70%			9924
3	93	10836	Kerr County		2,104	Construction of a new wastewater collection system for the Center Point community and portions of eastern Kerr County. Asset management programs are being investigated for implementation during the planning and design phases.	C	$25,586,400	70%			9271, 9904, 10240
4	93	10566	Weslaco	TX0052787	35,720	North WWTP expansion consists of the expansion of a new effluent receiving well, influent pump station, a new headwords facility with mechanical screening and grit removal, elimination of Lift Station #12 and new gravity main to the plant, upgrade to Lift Station #1 and install a new 12" force main, reuse treatment, pump station and distribution system and new effluent pipeline.	C	$12,991,927		Yes-BC	$3,086,922	9933
5	87	10405	Mission	TX0070017	84,203	The City proposes to expand its WWTP from 9 MGD to 13.5 MGD.	PDC	$17,250,000		Yes-BC	$425,000	
6	85	10392	La Villa	TX0133302	1,957	Due to continued increasing growth, primarily to the La Villa Detention Center, the project is to expand the City's WWTP.	PDC	$4,937,679	50%	Yes-BC	$1,248,000	
7	83	10492	Sterling City		888	The project includes extending the City's wastewater collection system to previously unserved areas, rehabilitating two existing lift stations, and improvements to the WWTP for expansion for reuse.	PDC	$3,170,550		Yes-CE	$648,685	
8	81	10605	Farmersville	TX0076091	3,301	Design and construct a new wastewater treatment facility. The City's two existing WWTPs are old and in very poor condition. The facility may be constructed and owned by the North Texas MWD, and serve other customers on the east side of Lake Lavon.	PDC	$6,204,527				10385

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9	80	10626	Gustine	TX0117722	447	Modify the aeration basins and clarifiers at the City's WWTP.	PDC	$450,000	30%	Yes-BC	$450,000	
10	78	10475	Hico	TX0026590	1,347	Construction of additional treatment processes at the WWTP, improvements required for the construction of a reuse system at the WWTP, and the development of a sludge land application site. The proposed project also includes collection system improvements including the replacement of existing collection lines, rehabilitation of two existing lift stations, and the rehabilitation of manholes.	PDC	$2,405,900	50%	Yes-CE	$855,260	
11	77	10870	Weslaco	TX0116394	35,670	Develop a wastewater Master Plan and Asset Management Plan for the South Wastewater Treatment Plant.	P	$676,890				9935
12	76	10693	Vinton		2,423	The project involves the design and construction of a new centralized wastewater collection system for the City.	PADC	$23,943,830	70%			10007
13	75	10928	Rio Hondo		2,361	Effluent Polishing Wetlands & Direct Reuse	PDC	$1,310,703	30%			
14	75	10840	Ranger	TX0118702	2,568	Replace the City's mechanical WWTP at a new site with a new facultative lagoon, stabilization pond and irrigation holding pond. A holding tank & pump station would be constructed at the existing WWTP and a 12" force main would deliver wastewater to the new site.	C	$4,320,079	50%			9126
15	75	10432	San Antonio Water System	TX0052639	1,552,024	This construction project will replace a sewer lines between Quintana Road and SW Military Drive. The lines, being undersized and in poor condition, will be increased from 54 inches to 90 inches to handle peak storm events and to accommodate growth in the upper sewershed. This project is included in the EPA Consent Decree Early Action Program.	C	$15,880,000				
16	72	10586	Wimberley		580	Construct a wastewater treatment system to serve the downtown area and the Wimberley Nursing Home. Decommission an existing package WWTP and construct a new extended aeration activated sludge WWTP. Wastewater service is currently via septic systems which are deteriorating, limiting businesses from offering restroom service and potentially impacting groundwater quality and water quality in Cypress Creek.	C	$4,456,800		Yes-BC	$4,840,457	9755,9756
17	71	10490	El Paso Co Tornillo WID	TX0126772	4,141	Planning, design, and construction of a collection system to serve seven residential subdivisions in Tornillo, TX that currently utilize on-site sewer facilities, many of which are failing. These seven subdivisions are known as Rancho Henerson, Drake Unit 2, Drake Unit 3, Drake Unit 4, Drake Unit 7, Drake Unit 8, and Knox Acreage.	PDC	$7,777,411	70%			

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18	70	10671	Bevil Oaks	TX0054551	1,274	Structurally rehabilitate the City's WWTP and construct new treatment units to enhance the original units. The plant is 33 years old and has structural deterioration in many parts and sections. A possible second alternate would be to abandon the WWTP and divert flow to the City of Beaumont for treatment.	PDC	$2,352,415				
19	70	10919	Huntington	TX0053422	2,119	Renovate and expand the City's WWTP. Construct new clarifiers and a chlorine contact chamber; and expand the aeration basin and blower size. The project will bring the WWTP into compliance with TCEQ standards and allow abandonment and diversion of flow from an industrial WWTP owned by Lufkin Industries.	C	$1,993,700	50%			
20	70	10715	Comanche	TX0022730	4,320	Replace two clarifiers, install new drying beds, and reconstruct a sludge drying box at the City's WWTP.	PDC	$1,077,000	30%			
21	70	10718	Comanche	TX0022730	4,320	Replace lines throughout the City to reduce infiltration and inflow.	PDC	$372,000	30%	Yes-BC	$372,000	
22	70	10608	Pearland	TX0117501	100,390	Expand the City's Far Northwest WWTP from 2 to 4 MGD. The plant has reached 75% of capacity. The expanded plant will serve a rapidly expanding area of the City.	PD	$3,000,000				
23	68	10645	Weslaco	TX0116394	35,670	WWTP expansion from 2.5 mgd to 5.0 mgd	PDC	$45,912,871				9938
24	68	10838	McAllen	TX0093106	129,877	A 24 to 48-inch trunk sewer that will convey wastewater from unsewered portions of McAllen and Agua SUD CCNs to the City's North WWTP.	C	$21,200,000	30%			9440
25	66	10427	Sequoia ID		496	Rehabilitate sanitary sewer lines and associated manholes. The project will also include the cleaning and TV'ing the existing lines to determine construction methods to be used to address the problems.	PDC	$1,800,000	50%			
26	66	10563	Weslaco	TX0052787	35,670	New recycling scalping plants that will receive wastewater from force mains and existing manholes.	PDC	$1,156,600		Yes-BC	$1,156,600	9930
27	66	10399	Houston	TX0096172	2,201,027	The City proposes to continue rehabilitation/replacement of existing wastewater collection systems city-wide by a variety of methods. The project also includes sanitary sewer cleaning and televised inspection and the purchase of six vacuum trucks in support of rehab. This project is required by TCEQ Agreed Order.	C	$60,500,000				
28	65	10833	Brady	TX0034312	5,500	Construct a wastewater collection system and WWTP to provide first time service to residences around Lake Brady, whose septic tanks threaten the City's water supply. Also replace the City's WWTP with a new 1.5 MGD WWTP capable of advanced treatment	C	$20,608,500	50%	Yes-Comb.	$5,780,000	9168
29	65	10834	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities portion of the project identified by (2012 IUP) 9168 and 9169.	C	$8,805,000	30%	Yes-BC	$3,000,000	9170

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30	65	10429	San Antonio Water System	TX0077801	1,552,024	By replacing about three miles of 24" to 36" wastewater main in the Eastern Sewershed, the project will add capacity to the wastewater collection transmission system where SAWS has had SSOs due to inadequate capacity during 5-year, 6-hour design storm event. This is a future project on the EPA Consent Decree.	D	$2,015,000				
31	65	10431	San Antonio Water System	TX0077801	1,552,024	This project will fund the rehabilitation of approx. 40 miles of small and 5 miles of large diameter sewer mains. This project is part of the EPA Consent Decree Early Action Program.	C	$28,895,000				
32	63	10620	Agua SUD	TX0125598	1,337	Extend the District's Sullivan City (Western) collection system to 13 additional subdivisions. The system was constructed through project 10370.	PDC	$6,361,000	70%			9966
33	61	10860	Patton Village	TX0131636	1,557	Construct a wastewater collection system to provide first time service for the City. The system will include approximately 60,000 feet of gravity sewer, 7 lift stations, and 13,200 feet of force main. Flow will be treated at the City's Woodgate Mobile Home Village WWTF.	PDC	$7,808,000	70%			
34	61	10863	Farmersville	TX0076091	3,301	Construct interceptors to deliver flow to a new regional WWTP on the east side of Lake Lavon.	PDC	$7,160,200				10384
35	61	10468	Robstown	TX0020389	11,487	The improvement and expansion of the existing wastewater system for the southwest portion of the Robstown area. The project would include a new lift station and approx. 3,008 feet of 21" PVC sanitary sewer collector line, and approx. 6,400 feet of 16" force main.	PDC	$3,333,461	30%			
36	60	10926	Rio Hondo	TX0027782	2,356	Collection system repair and replacement, polishing wetlands and a reuse line.	PDC	$3,573,242	50%			
37	60	10451	Harris Co MUD # 50	TX0057053	3,361	The project includes collection system rehabilitation to address I/I issues and potential storm/sanitary sewer system cross connections.	C	$1,235,322				
38	60	10508	Dublin		3,679	Collection system and treatment plant improvements.	PADC	$10,960,000				
39	58	10496	Euless		52,780	The project will extend the existing City reclaimed water system, which currently serves a golf course and athletic fields. The expansion 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.	C	$2,502,000		Yes-CE	$2,502,000	
40	57	10510	Wichita Falls	TX0047686	104,000	The project includes nutrient reduction improvements to the River Road WWTP and a new pump station and pipeline to discharge 16 MGD of treated effluent into Lake Arrowhead. The need for the project is to shore up and extend limited water supply for the City and the surrounding communities that purchase water from the City.	PADC	$33,800,000		Yes-CE	$33,800,000	
41	55	10920	Dell City		383	Increase irrigation capability at the City's WWTP from 1 to 74.6 acres.	C	$687,613	70%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Related PIF #'s
42	55	10729	Electra	TX0026964	2,816	Construct a holding pond and a center pivot irrigation system to convert the City's WWTP to no-discharge. The City has recorded discharge permit violations.	PADC	$1,750,000				10075
43	55	10699	La Feria	TX0128112	7,405	Construct Type I reuse facilities at the City's WWTP and a reclaimed water distribution system. The project will reduce nutrient discharge to the AN-49 watershed that affects the above tidal section of the Arroyo Colorado.	PDC	$1,651,815	30%	Yes-BC	$1,651,815	
44	55	10422	East Cedar Creek FWSD	TX0074861	14,103	The planning and design of the rehabilitation or replacement of the Tamarack subdivision collection system.	PDC	$2,165,000	30%	Yes-BC	$1,610,000	
45	55	10775	Brownsville	TX0055484	202,865	Replace 61,240 LF of vitrified clay pipe with PVC pipe, rehabilitate 26 lift stations, and decommission 8 lift stations. This project is essentially the second phase of TWDB ARRA project 72495, to continue needed improvements to the City's deteriorating collection system.	PDC	$40,479,009		Yes-BC	$1,335,807	
46	53	10674	Agua SUD	TX0133841	23,666	Construct the second phase of the District's eastern service area wastewater treatment facility, an expansion from 2.5 to 7.5 MGD. The District has grants from the EDAP program (project 10365) for the planning and design phases of this project.	DC	$30,713,500	50%			9977, 10675
47	53	10675	Agua SUD	TX0133841	23,666	Construction of over 540,000 lf of collection lines and force mains for east service area	DC	$62,902,489	50%			9975, 10674
48	53	10531	El Paso PSB		850,000	Planning, design, and construction of an approx. 3,000 ac-ft stormwater storage reservoir. The purpose of the project is to capture water from the Riverside Canal when flows exceed the quantity of water needed for municipal and irrigation purposes. The project is a water conservation and nonpoint source pollution control strategy intended to provide multiple benefits, including reduction of stormwater flows into Rio Grand Segment 2307. The project is also one component of an overall raw water conservation program for EPWU and the El Paso Co. Water Improvement District No. 1.	PDC	$70,304,015		Yes-BC	$10,000,000	
49	52	10437	New Summerfield	TX0107875	1,314	PD funding for ultimate construction of new collection lines, lift station(s), and force mains for neighborhood within corporate city limits of New Summerfield. It is expected that 23 households will be connected with the expectation of decommissioning a like number of OSSFs.	PDC	$795,000	30%			
50	51	10594	Cushing	TX0053937	712	Remove sludge from ponds and install aerators. The WWTP has been in consistent violation of TCEQ discharge limits.	PDC	$954,203				

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51	51	10596	Jefferson	TX0024902	1,920	Provide first time service to an area in the northeast quadrant and along South Polk south of the City. Also rehabilitate sewer lines in the downtown area.	PADC	$3,690,625	30%			10027
52	51	10424	Kendall Co WCID # 1	TX0116742	3,000	Perform an analysis of the existing collection system to identify I&I problems and recommend specific solutions. The project will included manhole inspections and smoke testing. The results of the study will identify future projects. An asset management plan is planned to be developed in conjunction with this project.	P	$115,000				
53	51	10923	La Joya	TX0127337	3,944	Install 8 and 10-inch gravity sewer lines, 1 lift station, and 6-inch force main to provide first time service to the Havana area west of the City. Residents presently use septic tanks with drain fields or cesspools for wastewater disposal that generally do not meet TCEQ on-site design requirements. The area receives water from the Agua SUD.	PDC	$3,689,346	30%			
54	51	10698	Colorado City		4,121	Install 5.5 miles of sewer line to eliminate 5 of the City's 6 existing lift stations. This includes the City lift stations at the two prisons, which cost the city significantly in O&M charges. The proposed lines will also provide sewer service to areas where sewer service is currently unavailable on the east side of town. The City has been cited by TCEQ for not having backup power for its lift stations. Untreated sewage has discharged when lift stations have failed.	PDC	$3,800,000	30%	Yes-BC	$3,800,000	
55	51	10565	Weslaco	TX0052787	35,670	Collection system extension for 200 homes using septics	PDC	$1,945,000				9932
56	51	10749	Pharr	TX0062219	70,400	Installation of gravity sewers and elimination of 3-5 lift stations	PC	$13,201,640	30%			
57	50	10530	Woodloch	TX0075680	836	The planning, design, and construction of a replacement WWTP and collection system for the Town of Woodloch.	PDC	$2,730,000	70%			
58	46	10603	Wimberley		580	Construct a subsurface irrigation system to serve the Blue Hole Regional Park.	C	$480,000		Yes-CE	$635,544	9754,9755
59	45	10666	Glen Rose	TX0033316	2,592	Expand the City's WWTP from 0.6 to 1.0 MGD and upgrade effluent quality to meet Type I reuse requirements. The project will include new head works, preliminary, primary, secondary and tertiary treatment improvements, and upgrading the disinfection process to UV disinfection. Sludge handling facilities will be expanded. The City's effluent reuse facilities, which now include irrigation on a nearby golf course, will be upgraded to reuse 100% of the flow to meet non-potable reuse needs.	PDC	$8,161,000		Yes-BC	$3,000,000	

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60	45	10916	Elsa	TX0104990	5,660	Upgrade three lift stations and replace two force mains. Improvements will include new pumps, motors, piping, valves, electrical panels, a generator and site improvements. Also, clean, evaluate and replace old vitrified clay sewer lines.	PDC	$3,322,500	30%	Yes-BC	$270,000	
61	45	10559	Harris Co WCID # 36		10,977	Construct a new 2.0 MGD wastewater treatment plant to serve only WCID 36. The District currently shares ownership with two other districts in a regional WWTP operated by Harris Co FWSD 51. That plant is approaching capacity and will require expansion. The regional contract was signed in 1974 and will expire in 2014.	PDC	$10,556,537	30%	Yes-BC	$500,000	
62	45	10435	San Marcos	TX0047945	69,873	The proposed project will replace or rehabilitate wastewater collection infrastructure in three areas of the City of San Marcos.	C	$4,562,550	30%	Yes-BC	$4,562,550	
63	43	10924	Ballinger	TX0099759	3,671	Expand the City's WWTP and effluent recycling land application system. The City is currently adding an RO treatment component to its WTP to comply with SDWS standards. Additional wastewater will be generated, potentially exceeding the capacity of the City's existing WWTP.	C	$1,710,500	30%	Yes-BC	$1,973,000	
64	42	10587	Wimberley		580	Construct a new wastewater collection system to serve the downtown area and the Deer Creek of Wimberley Nursing Home. The system will consist of gravity sewers, force mains, 3 new lift stations, and modifications to the lift station currently serving the nursing home.	C	$2,527,440				9754,9756
65	42	10617	Daingerfield	TX0027031	2,573	At the City's WWTP rehabilitate the 44-year old clarifier, construct peak flow diversion pump station, construct a new chlorine contact basin, and construct a sludge pump station.	DC	$1,500,000				
66	42	10914	Los Fresnos	TX0091243	5,391	Rehabilitate lift stations, purchase standby generators and automatic transfer switches, and replace deteriorated and undersized vitrified clay pipes to reduce infiltration and inflow and improve performance. Also install collection facilities to provide first time service to existing development east of the City.	PDC	$8,178,239	30%			
67	42	10460	Cotulla	TX0027499	6,786	Expansion of lift station and interceptor capacity. The project will also include the development of an Asset Management Plan.	PDC	$8,295,774	50%			
68	42	10408	Laredo	TX0025461	244,731	Construction of a 2 MGD WWTP to serve the Sombreretillo Creek and land in the Mines Rd area. This project will help eliminate the Zacate Creek WWTP which is in the 100 yr flood plain.	C	$10,000,000				
69	42	10409	Laredo	TX0085316	244,731	Expansion of the 12 MGD South Laredo WWTP to 18 MGD to serve the expected increase in flows from the growth in flows from the Zacate Creek WWTP.	C	$22,076,554				

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70	42	10414	Laredo		244,731	Construction of 6 MGD Manadas Creek WWTP to provide service to Mines Rd and NE Lareado areas and relieve overloading conditions of 24" line on Mines Rd and 36" line on IH 35.	C	$24,000,000				
71	41	10464	Castroville	TX0129364	2,680	Construction of the expansion from 0.35 MGD to 0.7 MGD of the City's WWTP. The plant will be designed to meet more stringent discharge limits as set forth in the new TCEQ discharge permit. The design will also allow modulation between the new and old facilities as necessary for the treating of flows and diversion of plant effluent to either reuse irrigation or river discharge.	C	$9,050,000				
72	41	10748	Harris Co MUD # 148	TX0131482	3,736	Replace lift stations with updated controls and electrical systems, and add generators. Existing facilities are over 30 years old.	PADC	$2,185,900				
73	41	10668	San Juan	TX0057592	34,872	Provide first time sewer service to 105 existing homes. The project will include installation of collection lines, service lines, connection to homes, and decommissioning septic tanks and cesspools.	C	$1,960,000				9968
74	40	10579	Kennard	TX0056596	409	Remove sludge and reshape lagoons to restore the WWTP's original treatment capacity.	PDC	$675,000	30%			
75	40	10572	Graford	TX0104752	830	Clean and reconstruct the facultative lagoon and stabilization ponds at the City's WWTP and install aeration equipment.	PDC	$375,000		Yes-BC	$375,000	
76	40	10918	Petersburg		1,202	Construct a new facultative lagoon treatment system with a storage pond and an irrigation system to provide a cost effective solution to TCEQ violations at the existing WWTP.	PDC	$1,642,991	30%			
77	40	10689	Dilley	TX0117218	1,500	Rehabilitate the facultative lagoon treatment plant that serves the TDCJ prison. Remove and dispose of sludge, install outfall piping, and rehabilitate the plant lift station.	PDC	$965,000				
78	40	10501	Kirbyville	TX0023574	2,428	Rehabilitation of both the collection system and the WWTP. Improvements to the WWTP will include expansion of hydraulic and solids handling capacities. The City is under an Agreed Order by TCEQ.	PDC	$2,703,880	50%	Yes-BC	$1,500,000	
79	40	10844	West Tawakoni	TX0064513	2,601	Rehabilitate and upgrade the City's WWTP.	C	$3,022,500	50%			10019
80	40	10743	La Joya	TX0127337	3,944	Install 1,360 feet of 12 and 8.,820 feet of 15-inch sewer line with manholes.	PDC	$5,249,805	30%	Yes-BC	$2,941,277	10100
81	40	10697	Colorado City		4,121	Expand the City's integrated lagoon WWTP from 1.12 to 2.12 MGD by adding additional ponds and a center pivot irrigation system.	PDC	$9,000,000	30%			
82	40	10404	San Diego MUD # 1	TX0023361	4,753	The project consists of the rehabilitation of the existing WWTP and the collection system lift stations.	PDC	$1,980,983				
83	37	10407	Laredo	TX0025461	244,731	Construction of one 5 MGD lift station and force main from Zacate Creek WWTP to 54" wastewater interceptor thence to South Laredo WWTP.	C	$3,500,000				

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84	37	10419	Laredo		244,731	Expansion of 6 MGD Manadas Crk WWTP to 9 MGD to provide service to Miles Rd and NE Laredo areas and to relieve overloading conditions of existing 24" line on Mines Rd. and 36" line on IH 35.	C	$16,346,631				
85	36	10467	Troy	TX0058084	1,505	Expansion of the WWTP with the construction of a new concrete clarifier and the purchase of new solids drying equipment. The project will also included the preparation of an Asset Management Plan.	PDC	$620,000				
86	36	10459	Reno		2,528	Planning and design of a new wastewater collection system to areas within the City of Reno (Parker County). These areas include Arvel Circle, Springtown Reno Elementary School, and South Reno Road.	PDC	$8,918,000				
87	36	10514	La Feria	TX0128112	7,321	Converting the two aeration basins to a diffused aeration system using blowers capable of having a "turn-down" feature to meet the actual demand of the plant at a given point in time. The improvements will provide energy savings.	PDC	$1,558,320	30%	Yes-BC	$1,558,320	
88	35	10622	Pecos City		8,657	Replace old and deteriorating components of the City's collection system. The project will include 43,000 feet of 8 to 12-inch diameter pipe, 125 manholes, and two lift stations. The Town has already purchased many of the components.	DC	$2,875,000	30%	Yes-BC	$2,875,000	
89	33	10733	Acton MUD	TX0105163	8,655	Construct collection systems to serve several subdivisions near Lake Granbury currently served by old, dilapidated, leaking septic tanks. The areas have been identified as hot spots where high coliform readings are regularly recorded. Three neighborhoods are at lake level and will require grinder pumps and small diameter low pressure sewer. The remainder will be served by gravity lines. Two lift stations are planned.	PDC	$7,751,000				10089, 10094, 10738
90	33	10738	Acton MUD	TX0105163	8,655	Expand the District's De Cordova Bend WWTP (#1) from 0.6 to 0.93 MGD. The District intends to expand its collection system to serve several subdivisions near Lake Granbury currently served by old, dilapidated, leaking septic tanks. Expansion will essentially be an additional treatment train and will include a new aeration basin and clarifier, and upgrades to various units.	PDC	$2,893,700		Yes-BC	$169,000	10089, 10094, 10733
91	33	10869	San Marcos	TX0047945	69,873	Expand the City's reclaimed water system to provide irrigation in City parks and to provide chill plant make-up water and irrigate 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	

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92	31	10551	Alba	TX0022489	548	Remove accumulated sludge and renovate two lagoons at the City's WWTP.	PDC	$700,617				10035
93	31	10663	Paradise ISD	TX0103446	1,275	Replace the ISD's wastewater treatment plant with a larger unit to accommodate growth and potentially serve residential customers in the City of Paradise, which does not now have a centralized wastewater system.	PD	$282,000				
94	31	10767	Marshall	TX0021784	23,399	Rehabilitate digester # 3 and two bio filter towers at the City's WWTP.	PDC	$3,673,700				10136
95	31	10768	Marshall	TX0021784	23,399	Rehabilitate the East End Lift Station. The aging lift station is inefficient and has no reliable source of emergency power.	PDC	$1,679,300		Yes-BC	$375,000	10137
96	31	10917	Port Arthur	TX0047589	53,937	Construct a new wastewater treatment plant to replace the City's Main WWTP. Preliminary analysis indicates an average daily flow of 15 MGD (current is 9.2) and a peak flow of 75 MGD (44.8). The existing WWTP and lift station will be demolished, structures removed or abandoned in place and the property rerecorded.	PDC	$87,188,325		Yes-BC	$77,211,375	
97	30	10533	Lower Colorado RA		100	The project is the design and construction of a 0.05 MGD sequencing batch reactor WWTP for the unincorporated area of Alleyton, TX. This proposed plant will replace the existing plant.	DC	$1,350,000				
98	30	10447	Blanket	TX0127922	508	The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, stabilization ponds, and irrigation holding pond. The existing lift station will be modified to pump the wastewater to the new WWTP. It is proposed to irrigate approx. 12 acres with a new center pivot irrigation system.	PADC	$1,300,000				
99	30	10503	Shallowater		2,484	The project involves the repair of the WWTP clay liner, installation of new security fencing around the land application area, and installation of an irrigation system for treated effluent.	DC	$529,500				
100	30	10449	Harris Co MUD # 50	TX0057053	3,361	The design and construction of a WWTP to serve the north half of the District. The existing WWTP in the south side of the District is nearing capacity.	DC	$5,884,476				
101	30	10597	Gladewater	TX0022438	6,842	Repair or replace failing treatment units, and install new sludge management equipment and SCADA.	PDC	$2,403,000		Yes-BC	$504,630	10028
102	30	10673	San Juan	TX0057592	34,872	Replace, eliminate, enlarge and rehabilitate of six lift stations and install new force mains to alleviate wastewater collection and pumping problems. Funds to plan and design the project were made available through TWDB project 73637.	C	$5,200,000				9974, 9728, 9846, 9399

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103	28	10922	Cisco	TX0053716	6,066	The project includes replacement of the City's main lift station that transports the raw sewage to the WWTP, addition of a screening system to the City's new main lift station, and the replacement of another existing sanitary sewer lift station located approximately at East 24th St and Humble Ave that has been identified by TCEQ as being in need of replacement. Due to ongoing drought in the area, the City is concerned with the long-term viability of its primary raw water source, Lake Cisco. To address the issue, the City proposes to add several new treatment processes to the City's WWTP, including a new mechanical secondary treatment process, filtration and disinfection processes to enhance the quality of the WWTP effluent, with the goal of permitting a new outfall west of the WWTP at Bernie Lake, which will begin supplementing Lake Cisco with additional raw water.	C	$4,671,000	30%	Yes-BC	$3,776,367	10097, 10098
104	27	10446	Cottonwood Shores		1,454	The principal project consists of the construction of a no-discharge wastewater treatment facility. The facility will be constructed in stages beginning with 100,000 GPD in the first stage and will increase in the second stage to 200,000 GPD as demand warrants. The City will complete an Asset Management Plan as part of the proposed project.	PDC	$2,479,000		Yes-BC	$50,000	
105	27	10701	Canton	TX0099112	3,581	Complete east and west outfall renewals and construct a new north outfall.	PDC	$3,475,000				
106	27	10406	Laredo	TX0025461	244,731	This project consists of sewer line repairs and manhole rehabilitation.	C	$5,680,000				
107	26	10497	Eden	TX0079804	2,766	Installation of screen upstream of the City's to influent lift stations and new service to previously un-served areas.	PDC	$1,619,000				
108	25	10423	Pineland	TX0027154	823	The proposed project is for the planning, design, and replacement of the City of Pineland's existing WWTP.	PDC	$1,750,000	30%			
109	25	10925	Olney	TX0024261	3,261	Construct a pump station and pipeline to transport effluent and augment supplies in Lake Olney.	C	$2,520,000	30%	Yes-BC	$1,705,000	
110	25	10728	Willow Park	TX0099732	3,885	Replace old and deteriorated collection lines and manholes to reduce infiltration and inflow.	PDC	$596,000		Yes-BC	$596,000	
111	25	10524	Yoakum	TX0026034	6,102	Sanitary sewer collection system rehabilitation and replacement.	C	$665,000				
112	25	10526	Yoakum	TX0026034	6,102	Sanitary sewer collection system rehabilitation and replacement.	DC	$435,000				
113	25	10758	Brownsville	TX0071340	202,865	Deliver 5 to 6 million gallons per day of reclaimed water from the Robindale WWTP to industries north of Brownsville.	PDC	$20,389,480		Yes-BC	$2,222,045	

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114	25	10761	Brownsville	TX0071340	202,865	Replace 3,178 of vitrified clay pipe with PVC pipe and rehabilitate 13 lift stations. The PUB completed design of this project through TWDB project 72495. It was omitted from the construction phase due to budget constraints.	C	$7,869,999		Yes-BC	$650,000	
115	21	10730	Electra	TX0026964	2,816	Install 4.5 miles of sewer line in order to eliminate 10 lift stations. The City has been cited for the lack of alternate power at the lift stations, and has recorded spills. Also install one new lift station, and pressure and gravity sewers to provide service to 20 households that have water service, but use septic tanks and drain fields that occasionally fail.	PDC	$4,165,000		Yes-BC	$4,165,000	
116	20	10695	Weinert	TX0055204	158	Add aerators to the WWTP ponds to control algae, and replace two lift station pumps.	PDC	$215,700				
117	20	10478	Gorman	TX0021806	723	The City currently operates a facultative lagoon pond system under a discharge permit. The current pond system is having problems meeting current discharge permit parameters. The City is proposing to install an irrigation facility as well as the required appurtenances in order to irrigate their treated effluent. The City will also amend the TCEQ permit to be a no discharge permit.	PADC	$1,750,000	50%			
118	20	10529	Royalwood MUD	TX0062952	1,982	Rehabilitation of the MUD's existing WWTP.	PDC	$804,830				
119	20	10720	Brady	TX0034312	4,320	Replace sewer lines to correct infiltration/inflow problems.	PDC	$417,000				
120	20	10649	Hudson	TX0068985	4,731	Replace the City's wastewater treatment plant. The plant was constructed in 1978 and has reached its useful service life. Most of the mechanical equipment has been replaced multiple times and concrete structures are deteriorating.	PADC	$4,274,900				
121	20	10484	Webb County	TX0118443	8,067	Rehabilitation of both the wastewater collection system and the treatment plant.	PDC	$7,490,966	30%			
122	20	10570	Hutto	TX0132926	14,698	Construct a new 2 MGD wastewater treatment plant. The existing WWTP is expected to reach full capacity in 2015.	PDC	$14,478,000				10274
123	20	10852	Hutto	TX0132926	14,698	Collection system improvements to feed the proposed Brushy Creek WWTP. Improvements will be either a 42" sewer interceptor OR modifications to the Enclave Lift Station and construction of an 18" force main.	PDC	$6,222,000				10067
124	20	10759	Brownsville	TX0071340	202,865	Construct four new lift stations and associated force mains across the north side of the PUB service area, upgrade an existing force main, and construct a new force main from existing Lift Station 111. Existing mains are overloaded and cannot accommodate additional flow.	PDC	$31,989,620				

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125	20	10764	Brownsville	TX0071340	202,865	Abandon the Brownsville Navigation District's North Side and Turning Basin WWTPs and divert flow to the Brownsville collection system. The project will required lift stations at both WWTP sites, 4,800 feet of 10-inch diameter force main, 52,000 feet of 20-inch force main, and upgrades to the collection system along FM 802 including to 13 lift stations. The WWTPs will be demolished.	PDC	$25,701,617		Yes-BC	$700,000	
126	20	10841	San Antonio Water System	TX0077801	1,517,000	SAWS has identified 87 miles of sewer line that have experienced sanitary sewer overflows and need rehabilitation. They have completed design on 51 miles. The SSO rehabilitation project will rehabilitate 34 of the 51 miles with completed design.	C	$23,967,700				9879
127	17	10747	Marble Falls		6,077	Construct purple pipe from the City's WWTP to two city parks and ten city sports fields. The City recently upgraded their wastewater plant to produce Type I effluent. The system will serve to extend the capacity of the City's water plant, and help alleviate drought issues on the Highland Lakes.	PDC	$1,285,000		Yes-BC		
128	15	10745	Upper Leon River MWD		255	Construct an onsite sludge holding tank and dewatering system, and develop an industrial pretreatment program to remove molybdenum and other heavy metals from WWTP sludge. The sludge has excessive levels of molybdenum, likely from a nearby hospital, which prevents the District from applying it at the existing land application site, and resulting in substantially higher operating costs.	PDC	$889,500				10107
129	15	10662	Edgewood	TX0023710	1,441	Replace aging collection lines and install a sludge dewatering unit at the WWTP.	PDC	$1,472,250				
130	15	10686	Baird	TX0053384	1,673	Construct a lift station on the southeast corner of the City, a force main to and a new facultative lagoon treatment facility south of the City, an effluent pipeline, and a center pivot irrigation system to irrigate an 84 acre site. The existing mechanical plant will be abandoned.	PDC	$3,800,000				
131	15	10652	Victoria Co WCID # 1		2,459	Construct a 150,000 gal/day capacity expansion to existing WWTP.	PDC	$1,700,000				10382
132	15	10862	Victoria Co WCID # 1		2,459	The proposed project will perform an I/I study, replace or construct trenchless rehabilitation of deteriorated sewer mains, manholes, and mainline cleanouts to bring the collection system into compliance with TCEQ rules. Funding is sought for planning, design and construction.	PDC	$1,420,000				10380

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133	15	10732	Early		2,768	Construct a new lagoon and pond treatment plant with an irrigation system. The City's flow is currently treated by the City of Brownwood. The system would reduce Early's operation cost and provide beneficial reuse.	PADC	$10,250,000				
134	15	10694	El Campo	TX0021474	11,602	Conduct a planning study to identify the potential and alternatives for providing reclaimed water to potential customers; and design improvements to the WWTP to make Class I effluent reuse feasible. Among alternatives are: pumping effluent to the proposed LCRA Lane City above-ground reservoir; pumping effluent directly to farmers/irrigators; and pumping effluent to a land-spreading site to enhance aquifer recharge. When implemented the City could eliminate discharge to Tres Palacios Creek.	PD	$150,000		Yes-BC	$60,000	
135	15	10769	Kerrville	TX0047333	22,263	Construct a 13.5 million gallon pond at the WWTP site to store treated effluent for reuse purposes.	PDC	$3,248,282		Yes-BC	$3,248,282	
136	15	10837	Kyle		29,293	Expand the City's wastewater treatment plant from 3 to 4.5 MGD by adding a third 1.5 MGD treatment train.	PDC	$4,250,000				10241
137	15	10744	Del Rio	TX0053830	39,078	Funding would allow the City to begin the second phase of a multi-phased, multi-year program to reconstruct aging and undersized components in the City's collection system. The first phase has a CWSRF commitment through project 73639. Work will be done in conjunction with projects to restore the City's water distribution system (6150 & 62590).	PD	$500,000				
138	12	10592	Domino		213	Construct a new wastewater treatment plant. A companion PIF would install a collection system for first time service to the City.	PDC	$1,701,000				10282
139	12	10640	Domino		213	New service to unserved area	PDC	$1,448,000				10023
140	12	10706	Campbell	TX0072508	683	Replace undersized lines, extend new lines to residences that do not have service, replace the collapsed railroad bore, and install a generator and automatic transfer switch at the Birch Street lift station.	PDC	$423,583				
141	11	10724	Dell City		383	The City needs to replace two lift stations and install 6,000 feet of 8-inch force main. They anticipate using TDA grant funds for the lift stations, and using CWSRF funds for the force main.	ADC	$543,950	70%			
142	11	10448	Buckholts	TX0073008	514	The project included the construction of new influent headworks, repair cracks in existing concrete walls of oxidation ditch, repair and repaint each clarifier mechanism, upgrade electric panels, install new ultrasonic flow meters and chart recorders. The City will complete an Asset Management Plan as part of the proposed project.	PDC	$288,500	30%			

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143	11	10441	Rosebud	TX0023981	1,415	The project includes collection system rehabilitation/replacement to correct I&I issues. The City intends to prepare an Asset Management Plan with the assistance of TCEQ's FMT contractor.	PDC	$840,258	30%	Yes-BC	$387,400	
144	11	10452	Whitney	TX0106551	2,224	The project included the development of a Wastewater Master Plan. The project also includes the development of an Asset Management Plan with the assistance of TCEQ's FMT contractor.	P	$105,000	30%			
145	11	10835	Castroville	TX0129364	3,053	Extend wastewater collection to the eastern part of the City. A new lift station, collection main and force main.	C	$1,952,500				9269
146	11	10839	Orange Co WCID # 2	TX0054810	3,830	Construct a 3.5 MGD lift station and 5,000 feet of force main to allow the District's WWTP to discharge directly to the Sabine River. The current discharge is to Adams Bayou, a tributary of the Sabine River. Also construct a new chlorine contact chamber	C	$2,591,424				
147	11	10845	Falfurrias		4,885	Rehabilitate 7 of the City's 11 lift stations including the Ranchito, Swimming Pool, Magnolia, Whistler, Bradely, Warehouse and Nate lift stations.	C	$1,182,606	30%			
148	11	10846	Falfurrias		4,885	Replace 9,250 feet of vitrified clay sewer line with 8-inch PVC. Replace 13,300 feet of force main with 2,500 feet of 6-inch and 10,800 feet of 12-inch PVC force main.	C	$1,493,739	30%			
149	11	10641	Weslaco	TX0052787	35,670	Develop a Master Plan for the north area of the city.	P	$677,090				9937
150	10	10722	Strawn		632	Replace old and deteriorating collection lines to reduce infiltration and inflow.	PDC	$405,000		Yes-BC	$405,000	
151	10	10573	Lone Oak	TX0100021	698	Replace three pumps in an existing lift station.	PDC	$500,000	30%	Yes-BC	$500,000	
152	10	10591	Santa Anna		1,009	Remove and replace earthen pond liners. Existing liners are not adequately holding the contents of the WWTP ponds.	PDC	$1,800,000	30%			
153	10	10557	Wolfe City	TX0023558	1,412	Replace aging collection system lines, manholes, and lift stations.	PDC	$1,000,000	30%			
154	10	10696	Bangs	TX0053511	1,518	Add a secondary clarifier at the City's WWTP for system reliability.	PDC	$1,000,000	30%			
155	10	10704	West Tawakoni	TX0064513	1,616	Replace old and deteriorating collection lines and rehabilitate lift stations.	PDC	$1,942,500	30%	Yes-BC	$1,942,500	
156	10	10534	Quitman	TX0022748	1,809	The planning, design, and construction of WWTP and collection system improvements.	PDC	$5,265,500	50%			
157	10	10737	Winters		2,280	Replace old clay pipes in various areas of the City and where outfall lines converge on the main lift station. Make improvements at the lift station, including mechanical screening equipment to prevent damage to pumps.	PDC	$2,344,000	30%	Yes-BC		

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158	10	10714	Anson		2,477	Install 6 and 8-inch gravity lines and manholes to eliminate two antiquated, unreliable lift stations on the City's west side. The City also wants to refinance a $3.2 million USDA loan that was used for the Anson WWTP and collection lines in 2009-2010.	PDC	$3,900,000	30%	Yes-BC	$666,974	10047
159	10	10473	George West	TX0132799	2,524	The project consists of the rehab of 6" thru 8" sanitary sewer lines including manholes and tie-ins throughout the City.	PDC	$1,380,068	30%			
160	10	10678	Grand Saline	TX0027545	3,172	Expand the City's WWTP from 0.54 to 0.8 MGD.	PDC	$4,613,500	30%			9984
161	10	10681	Grand Saline	TX0027545	3,172	Replace deteriorated and low lying lines that are known sources of infiltration and inflow.	PDC	$1,466,700	30%			9980
162	10	10589	Dilley	TX0115282	3,894	Replace a trunk line in the northern portion of the City with a 12-inch line. The existing line consists of small, deteriorated pipe that frequently produce spills.	PDC	$1,012,000				
163	10	10494	Eastland	TX0024007	3,960	The proposed project includes the replacement of existing collection system pipes and a lift station which have reached the end of their useful lives.	PDC	$2,061,700	30%			
164	10	10471	Falfurrias		4,419	Improvements to the City's wastewater collection and treatments systems.	PD	$418,500	30%	Yes-BC	$285,000	
165	10	10482	Stamford	TX0025411	5,556	Replacement of collection system lines and lift stations.	PDC	$2,839,425	30%			
166	10	10506	Vernon	TX0023001	11,041	Rehabilitate and improvements to the WWTP as almost every plant unit is in need of rehab or replacement. The City also proposes to install 8 miles of treated effluent line from the WWTP for beneficial reuse.	PADC	$11,500,000	30%			
167	10	10915	Eagle Pass	TX0107492	44,329	Expand an existing lift station to resolve ongoing problems related to reliability and maintenance. Rehabilitate portions of the collection system that are experiencing failures due to old and degrading pipes and manholes.	PDC	$17,939,941				
168	10	10664	Abilene	TX0023973	126,291	Supplement the existing screw pumps at the Buck Creek Pump Station (BCPS) with submersible pumps sized to eliminate the need for throttling flow from the 48-inch interceptor. The City's wastewater enters the BCPS via three main interceptors, one 48-inch interceptor and two 36-inch interceptors. The screw pumps have had difficulty in handling flow, especially during high flows due to wet weather events. The City has historically compensated for high flow events by using a large influent flow control gate to throttle the flow, which creates "storage" in the interceptor. The City has also constructed equalization storage at the BCPS. Properly sized submersible pumps will also eliminate the need for flow equalization during routine wet weather events.	C	$1,808,000		Yes-BC	$452,000	

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169	5	10522	Harris Co FWSD # 47	TX0022462	2,434	Rehabilitation and repair of the District's WWTP and rehabilitation or replacement of the WWTP lift station.	PDC	$986,500		Yes-BC	$146,000	
170	1	10425	Cranfills Gap	TX0122360	243	The project is to replace the existing WWTP with a new package plant and to replace four manholes. The City also intends to prepare an Asset Management Plan with the assistance of the TCEQ FMT contractor.	PDC	$2,558,880				
171	1	10707	Campbell	TX0072508	683	Place a concrete lining in the flow equalization basin, replace gate valves at the chlorine contact chamber, install a return activated sludge flow sensor, improve the head works and add a grit removal system, and install an emergency generator and automatic transfer switch at the plant lift station.	PDC	$442,300				
172	1	10692	Moulton	TX0053287	944	Develop and implement a comprehensive asset management program to address wastewater system deficiencies. This will include an evaluation of collection lines, manholes and lift stations.	PD	$92,800				
173	0	10727	Moran		207	Replace sewer lines that contribute to infiltration and inflow.	PDC	$365,000		Yes-BC	$365,000	
174	0	10428	Bastrop Co WCID # 2		1,435	The District would like to purchase this wastewater collection system from its current owner, the LCRA. Flows from this system are treated by the City of Bastrop. This is a purchase of an existing system.	A	$4,000,000				
175	0	10851	Edgewood	TX0023710	1,441	The City needs to address sludge handling at the WWTP. The City is proposing to install a sludge dewatering unit at the WWTP to address sludge handling issues.	PDC	$166,800				
176	0	10688	Baird	TX0053384	1,673	Replace 19,500 feet of 6 and 8-inch sewer line and install 30 manholes. The City experiences very high infiltration in the 50 year old clay sewer lines along the creek through town. Most of the sewer lines in the downtown are do not have manholes.	PDC	$2,500,000				
177	0	10861	Victoria Co WCID # 1		2,459	Project will provide an electrical power generator and provide disconnect panels and generator tails for each of the lift stations.	PDC	$270,000				
178	0	10558	Liberty	TX0074284	8,397	Rehabilitate manholes to reduce infiltration and inflow as outlined in the City's response to a compliance agreement with TCEQ.	PDC	$639,000				
179	0	10556	Greater Texoma UA		15,984	Replace the trickling filter process at the City of Gainesville's WWTP with a 4.0 MGD sequencing batch reactor process. Implement a SCADA system and upgrade the ultraviolet light disinfection system. Gainesville is in Cooke County.	PDC	$10,968,215				

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180	0	10909	Greater Texoma UA		43,199	Replace approximately 4,200 feet of 12-inch and 5,260 feet of 18-inch diameter sewer with 18-inch sewer main. Existing lines are deteriorated and have severe infiltration and capacity problems.	PDC	$635,697				
181	0	10910	Greater Texoma UA		43,199	Complete an engineering study to ascertain the optimum process for nitrogen and phosphorus removal. Reconstruct the plant's head works, and replace sensors and control elements to upgrade the 10-year old UV disinfection system.	PDC	$7,168,704				
182	0	10757	Brownsville	TX0055484	202,865	Construct improvements at the head works and sludge dewatering facilities to address high levels of hydrogen sulfide gas. At the head works add channel covers, a containment building, and field-constructed enclosed-vessel biofilters, fans, and ductwork. At the sludge dewatering facilities add a containment building to house the belt filter press, and field-constructed enclosed-vessel biofilters, fans, and ductwork.	PDC	$4,322,000		Yes-BC	$2,555,000	
183	0	10765	Brownsville	TX0071340	202,865	Add field-constructed enclosed-vessel biofilters, fans, and duct work to limit corrosion and provide odor control at 11 lift stations.	PDC	$4,119,000		Yes-BC	$4,119,000	
184	0	10588	San Antonio Water System	TX0077801	1,517,000	Construct 23,000 feet of 21 and 24-inch wastewater main to eliminate sanitary sewer overflows.	D	$1,484,512				
185	0	10606	San Antonio Water System	TX0077801	1,517,000	Replace 7,500 feet of deteriorated and undersized 60-inch sewer main along Alamo Street from Josephine to Elm in downtown San Antonio.	C	$11,538,700				
186	0	10655	San Antonio Water System		1,517,000	Wurzbach from Blanco to Nakoma – construct 19,000 linear feet of 8 to 36-inch line. Construct a 15 to 36-inch gravity main in the Eastern Basin along Salado Creek between Jones Maltsberger Road and Blanco Road, and an 8 and 12 -inch gravity main along Rhapsody between Highway 281 and W. Silversands.	D	$1,567,648				
187	0	10656	San Antonio Water System	TX0077801	1,517,000	Replace 60,000 feet of sagging, deteriorated 8 to 24-inch sewer main to reduce SSOs. This project also has a water main replacement component.	C	$9,507,394				
188	0	10657	San Antonio Water System	TX0077801	1,517,000	Rehabilitation of pipelines due to sanitary sewer overflows	C	$55,739,850				
189	0	10658	San Antonio Water System	TX0077801	1,517,000	SAWS is completing design on $21.5 million in sewer pipelines to replace or rehabilitate lines that have experienced sanitary sewer overflows. SAWS has developed a sewer pipeline asset management plan, and lines are prioritized by frequency of overflows. The most critical projects are rehabilitated first.	C	$21,492,400				

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190	0	10661	San Antonio Water System	TX0077801	1,517,000	Improvements to four (5, 6, 7 & 8) of the eight anaerobic digesters at the Dos Rios WRC. Clean the digesters, repair dome seams and liners, replace draft tube mixers with pump-mix systems; replace dome hatches and man-ways, dome pressure/ vacuum relief assemblies and three-way valves; and replace gas meters and temperature probes. Improve electrical, instrumentation and control systems.	D	$1,040,870		Yes-BC	$900,000	
191	0	10433	San Antonio Water System	TX0077801	1,552,024	This construction project, Phase 1, will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet federal, state, and local electrical codes.	C	$13,435,000				
192	15	10943	Johnson City	TX0052973	2,080	The City is requesting planning and design funds to develop a reuse system to provide irrigation water to local parks, sports fields, and local irrigation. Planning and design funding to develop a reuse system for the City's wastewater effluent.	PDC	$335,000		Yes-BC	$225,000	10941
193	0	10944	Johnson City	TX0052973	2,080	The City needs to upgrade/rehabilitate their existing wastewater treatment plant and lift stations to address operational issues. The City is requesting planning, design, and construction funding to upgrade/rehabilitate their existing WWTP and lift stations.	PDC	$785,000				10942
194	10	10994	Winnsboro	TX0054658	3,584	The City needs to update and rehabilitate their 1980's era wastewater treatment plant. The City will complete planning, design, and construction to update and rehabilitate several components of their existing wastewater treatment plant to improve function and operations.	PDC	$1,013,255				
195	51	10995	Los Fresnos	TX0091243	5,391	The city needs to rehabilitate their Lopez Lift station and extend service to unserved area on the east side of the city. Project 1: rehabilitate the Lopez Lift station; Project 2: extend sanitary sewer collection system east along Highway 100 to serve unserved customers.	PDC	$2,321,276	30%			10961
196	41	10996	Fort Worth	TX0047295	1,104,433	The City needs to provide storage capacity for peak flows at their existing Village Creek Wastewater Treatment facility. The City is proposing to construct a 40 MG concrete storage basin and two earthen storage basins; one earthen basin will be approximately 70 MG and the second basin will be approximately 340 MG. The City will need to install approximately 7,000 feet of 96-inch diameter pipeline to transport the flows to the basins and improvements to the treatment facility to enable the use of the basins.	C	$30,000,000				

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197	51	10997	Fort Worth	TX0047295	1,104,433	The City needs to add a parallel 66-inch sanitary sewer line; add a 30-inch sanitary sewer line and metering station to address flows. The City is proposing to add approximately 5,200 feet of 66-inch diameter sanitary sewer line to parallel an existing 54-inch line identified as M-402 and add approximately 2,800 feet of 30 sanitary sewer line with a metering station to serve wholesale customers.	C	$9,000,000				
198	61	10972	Bonham	TX0021814	10,127	The City needs to rehabilitate/upgrade their existing wastewater treatment plant components to address TCEQ notice of violations and operational issues. The City is proposing to complete a 3 phase project addressing the issues with their existing wastewater treatment plant. Phase I ill consist of improvements to the plant's headworks; phase 2 a comprehensive review of the treatment plant components and rehabilitation of several components; and phase 3 will consist of improvements to address operational issues with the plant. As part of phases 1 and 2, the City proposes to add a new comminutor; screening equipment; rehabilitate SBR diffusers; remove sludge from the SBR basins; rehab of trickling filters; rehab of anaerobic digester; electrical and control rehab; pumps; polymer feed equipment; replace of non-potable recycle water equipment. Phase 3 is planned to consist of tertiary filtration; phosphorous removal; anaerobic digester improvements; SCADA, electrical and controls; and new emergency generator.	PDC	$3,564,000	30%			
199	0	10976	Bovina		1,868	The City needs to construct improvements to the piping at the lagoon treatment facility and to the pumping facilities for the effluent disposal by irrigation. The City is proposing to reconstruct and rehabilitate the irrigation effluent disposal system and reconfigure the inlet piping at the facultative lagoon. Improvements at the lagoon will require the draining of the pond, sludge removal from the pond and an existing Imhoff tank, and possible lift station improvements. While the pond is drained, testing will be conducted on the liner to assure the current condition meets TCEQ requirements. if the liner does not meet requirements, a plan will be developed to construct the necessary improvements.	C	$452,000				

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200	55	11013	Chateau Woods MUD	TX0090123	3,505	The District is experiencing issues maintaining treatment levels due to the size and age of their wastewater treatment facility. The District is proposing to add a 0.2 MGD treatment capacity to their wastewater treatment facility. The additional treatment train will allow the District to maintain treatment while removing the original 0.2 MGD treatment facility from use for repairs/rehabilitation.	PDC	$2,439,000				
201	40	11016	NW Harris Co MUD # 22		3,850	Rehab of the WWTP, collection system, and wastewater trunk line, as well as replacement of the WWTP lift station pump.	DC	$3,010,000				
202	20	11023	Greater Texoma UA - Whitewright	TX0033294	1,600	The Greater Texoma Utility Authority (GTUA) working with the City of Whitewright (City) needs to replace a deteriorating lift station to increase efficiency and provide service to additional areas. GTUA is proposing to replace and relocate an existing lift station to address deteriorating conditions and provide service for a larger area. The new lift station will include new electrical, SCADA, force main discharge piping, some new collection system piping to the lift station, a new generator, and appurtenances as needed for a complete project.	PADC	$1,300,973				
203	83	11022	Agua SUD	TX0070017	8,181	Agua Special Utility District (Agua SUD) needs to provide first time wastewater treatment and collection to residents within their service area. Agua SUD is proposing to construct a lift station and approximately 26,400 linear feet of 24-inch diameter force main to transport the sewage to the City of Mission (City) for treatment. Agua SUD is proposing to use a portion of the funds for the residential connections and capacity buy-in with the City.	PADC	$8,195,000				
204	30	11024	Sonora	TX0023191	3,115	The City of Sonora needs to continue addressing wastewater system deficiencies to meet a Texas Commission on Environmental Quality enforcement order. The City needs to address enforcement actions items 21 through 24 and replace a failing lift station. The City is proposing to address sanitary sewer collection system deficiencies by cured in place (CIP) or pipe bursting methods of pipe rehabilitation. The City will also be adding manholes on ends of existing sewer lines to allow access for maintenance. The City will be rehabilitating existing manholes by repairs, new manhole sections, replacement of lids, and adding manhole liners. The City will replace the City Yard Lift Station to address deteriorating conditions and operational issues.	PADC	$4,400,000				
Total		**204**						**$1,476,373,385**	**75**	**81**	**$227,203,610**	

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NPS (Sec. 319)												
1	103	10711	Orangefield WSC	TX0129313	5,031	Install collection systems in four subdivisions with 900 connections using vacuum pump technology. The systems will replace on-site septic tanks. The project will eliminate health hazards and improve water quality in Cow Bayou.	PDC	$16,875,450				
2	80	10513	Harris Co FCD		-	Acquisition of 5,155 acres of land for a regional wetland bank, development of prairie grasslands and temp. flood storage during occasional inundation due to overflow; construction of a minor berm, generally less than 6 feet in height, for detaining water for up to six days in duration; excavation of a shallow channel to convey floodwaters to an outlet; development of a 500 foot wide, 7,000 feet wide greenway corridor along Bear Creek; and the temporary inundation of 5,755 acres of conservation land that are currently located within the 100 year floodplain.	PADC	$73,381,055		Yes-Comb	$73,381,055	
3	72	10604	Buda		7,230	The proposed project includes the planning, acquisition, design, and construction of a centralized sewage construction system to connect all of the existing residential septic systems in the Hillside Terrace subdivision. The proposed collection system will discharge into a proposed lift station and will be pumped through a proposed force main that will discharge into the City of Buda's existing collection system. The sewage will then be conveyed to the City's existing treatment plant for processing. The subdivision is outside the City's water service area and is considered to be a nonpoint source contributor of pollution to the impaired water body of Plum Creek.	C	$4,380,000	70%			9829
4	60	10700	La Feria	TX0128112	7,305	Constructed wetlands and bio-streams to address nonpoint source pollution in the AN-47 and AN-49 watersheds that affect the above tidal section of the Arroyo Colorado.	PADC	$5,273,211	30%	Yes-BC	$5,273,211	10014
5	60	10752	Brownsville	TX0071340	202,865	Extend first time wastewater service to unsewered areas northeast of the City. Areas include five subdivisions: Las Flores, Palacios, Central Estates, Praxedis Saldivar, and Las Palmas; and an unserved part of Old Port Isabel Road. Residents use private means of disposal that are not very effective in unsuitable soils, on small lots, with a high water table, and occasional flooding.	C	$3,262,400				

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6	50	10760	Brownsville	TX0055484	202,865	Extend first time wastewater service to five subdivisions southeast of the City and south of the Brownsville International Airport. Subdivisions include Dockberry Estates, Colonia 21, Colonia Coronado, Paloma Blanca, and Milpa Verde. Residents use septic tank or other private disposal systems that present health hazards due to poor soil types, small lot sizes, high water table, and flooding.	C	$2,468,916				
7	45	10583	Aqua WSC		3,102	First time sewer collection system for the remaining portions of the Stony Point Subdivision in western Bastrop County.	C	$1,462,043	70%			
8	45	10741	La Joya	TX0127337	3,944	Install 60 new 4-inch short and 53 4-inch long sewer service connections.	PDC	$528,084	30%			10103
9	40	10670	Olmito WSC	TX0113875	5,843	Expand the WSC's collection system in two areas to provide first time service.	PDC	$1,301,500	30%			9971, 9979, 10677
NPS Total		**9**						**$108,932,658**	**5**	**2**	**$78,654,266**	
Grand Total		**213**						**$1,585,306,043**	**80**	**83**	**$305,857,876**	

Phase(s): P - Planning; A - Acquisition; D - Design; C - Construction
Green Type: BC - Business Case; CE - Categorically Eligible; Comb - Project consists of both CE and BC components
Land acquisition is eligible for CWSRF funding only if it is integral to, or used in conjunction with, the treatment process, or is used for the ultimate disposal of residues resulting from such treatment. This includes land that is used specifically to treat water (e.g., effluent disposal fields, facultative lagoons, etc.) and includes land for WWTP sites, easements, etc.

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POTW (Sec. 212)												
1	111	10911	Angelina & Neches RA	TX0056154	573	Replace the Redland Estates Subdivision collection system outside the District on the east side of US 59, and provide first time service to 105 connections inside the District on the west side of US 59. In 2011 the District agreed to provide wastewater service to Redland Estates, which for many years had a collection system that discharged to a non-functioning treatment facility then raw to a tributary of the Angelina River. This project is integrally linked to the Angelina & Neches River Authority's project and flow will be treated at its North Angelina County Regional WWTP.	C	$4,110,000	70%			9925
2	111	10912	Angelina & Neches RA	TX0056154	573	Collection system improvements to divert flow from the Redland Estates Subdivision and from Angelina Co FWSD # 1 to the River Authority's North Angelina County Regional WWTP. The ANRA WWTP currently treats flow from the Central ISD, the Idlewood WCID, and the DADS Lufkin State Supported Living Center.	C	$1,107,500	70%			9924
3	93	10836	Kerr County		2,104	Construction of a new wastewater collection system for the Center Point community and portions of eastern Kerr County. Asset management programs are being investigated for implementation during the planning and design phases.	C	$25,586,400	70%			9271, 9904, 10240
4	93	10566	Weslaco	TX0052787	35,720	North WWTP expansion consists of the expansion of a new effluent receiving well, influent pump station, a new headwords facility with mechanical screening and grit removal, elimination of Lift Station #12 and new gravity main to the plant, upgrade to Lift Station #1 and install a new 12" force main, reuse treatment, pump station and distribution system and new effluent pipeline.	C	$12,991,927		Yes-BC	$3,086,922	9933
5	87	10405	Mission	TX0070017	84,203	The City proposes to expand its WWTP from 9 MGD to 13.5 MGD.	PDC	$17,250,000		Yes-BC	$425,000	
6	85	10392	La Villa	TX0133302	1,957	Due to continued increasing growth, primarily to the La Villa Detention Center, the project is to expand the City's WWTP.	PDC	$4,937,679	50%	Yes-BC	$1,248,000	
7	83	10492	Sterling City		888	The project includes extending the City's wastewater collection system to previously unserved areas, rehabilitating two existing lift stations, and improvements to the WWTP for expansion for reuse.	PDC	$3,170,550		Yes-CE	$648,685	
8	81	10605	Farmersville	TX0076091	3,301	Design and construct a new wastewater treatment facility. The City's two existing WWTPs are old and in very poor condition. The facility may be constructed and owned by the North Texas MWD, and serve other customers on the east side of Lake Lavon.	PD	$375,000				10385
9	80	10626	Gustine	TX0117722	447	Modify the aeration basins and clarifiers at the City's WWTP.	PD	$99,000	30%	Yes-BC	$99,000	

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10	78	10475	Hico	TX0026590	1,347	Construction of additional treatment processes at the WWTP, improvements required for the construction of a reuse system at the WWTP, and the development of a sludge land application site. The proposed project also includes collection system improvements including the replacement of existing collection lines, rehabilitation of two existing lift stations, and the rehabilitation of manholes.	PDC	$2,405,900	50%	Yes-CE	$855,260	
11	77	10870	Weslaco	TX0116394	35,670	Develop a wastewater Master Plan and Asset Management Plan for the South Wastewater Treatment Plant.	P	$676,890				9935
12	76	10693	Vinton		2,423	The project involves the design and construction of a new centralized wastewater collection system for the City.	PDC	$23,943,830	70%			10007
13	75	10928	Rio Hondo		2,361	Effluent Polishing Wetlands & Direct Reuse	PD	$228,420	30%			
14	75	10840	Ranger	TX0118702	2,568	Replace the City's mechanical WWTP at a new site with a new facultative lagoon, stabilization pond and irrigation holding pond. A holding tank & pump station would be constructed at the existing WWTP and a 12" force main would deliver wastewater	C	$4,320,079	50%			9126
15	75	10432	San Antonio Water System	TX0052639	1,552,024	This construction project will replace a sewer lines between Quintana Road and SW Military Drive. The lines, being undersized and in poor condition, will be increased from 54 inches to 90 inches to handle peak storm events and to accommodate growth in the upper sewershed. This project is included in the EPA Consent Decree Early Action Program.	C	$15,880,000				
16	72	10586	Wimberley		580	Construct a wastewater treatment system to serve the downtown area and the Wimberley Nursing Home. Decommission an existing package WWTP and construct a new extended aeration activated sludge WWTP. Wastewater service is currently via septic systems which are deteriorating, limiting businesses from offering restroom service and potentially impacting groundwater quality and water quality in Cypress Creek.	C	$4,456,800		Yes-BC	$4,456,800	9755,9756
17	71	10490	El Paso Co Tornillo WID	TX0126772	4,141	Planning, design, and construction of a collection system to serve seven residential subdivisions in Tornillo, TX that currently utilize on-site sewer facilities, many of which are failing. These seven subdivisions are known as Rancho Henerson, Drake Unit 2, Drake Unit 3, Drake Unit 4, Drake Unit 7, Drake Unit 8, and Knox Acreage.	PDC	$7,777,411	70%			
18	70	10671	Bevil Oaks	TX0054551	1,274	Structurally rehabilitate the City's WWTP and construct new treatment units to enhance the original units. The plant is 33 years old and has structural deterioration in many parts and sections. A possible second alternate would be to abandon the WWTP and divert flow to the City of Beaumont for treatment.	PD	$263,784				

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19	70	10919	Huntington	TX0053422	2,119	Renovate and expand the City's WWTP. Construct new clarifiers and a chlorine contact chamber; and expand the aeration basin and blower size. The project will bring the WWTP into compliance with TCEQ standards and allow abandonment and diversion of flow from an industrial WWTP owned by Lufkin Industries.	C	$1,993,700	50%			
20	70	10715	Comanche	TX0022730	4,320	Replace two clarifiers, install new drying beds, and reconstruct a sludge drying box at the City's WWTP.	PD	$131,000	30%			
21	70	10718	Comanche	TX0022730	4,320	Replace lines throughout the City to reduce infiltration and inflow.	PD	$72,400	30%	Yes-BC	$72,400	
24	68	10838	McAllen	TX0093106	129,877	A 24 to 48-inch trunk sewer that will convey wastewater from unsewered portions of McAllen and Agua SUD CCNs to the City's North WWTP.	C	$21,200,000	30%			9440
27	66	10399	Houston	TX0096172	2,201,027	The City proposes to continue rehabilitation/replacement of existing wastewater collection systems city-wide by a variety of methods. The project also includes sanitary sewer cleaning and televised inspection and the purchase of six vacuum trucks in support of rehab. This project is required by TCEQ Agreed Order.	C	$60,500,000				
28	65	10833	Brady	TX0034312	5,500	Construct a wastewater collection system and WWTP to provide first time service to residences around Lake Brady, whose septic tanks threaten the City's water supply. Also replace the City's WWTP with a new 1.5 MGD WWTP capable of advanced treatment	C	$20,608,500	50%	Yes-Comb.	$5,780,000	9168
29	65	10834	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities portion of the project identified by (2012 IUP) 9168 and 9169.	C	$8,805,000	30%	Yes-BC	$3,000,000	9170
31	65	10431	San Antonio Water System	TX0077801	1,552,024	This project will fund the rehabilitation of approx. 40 miles of small and 5 miles of large diameter sewer mains. This project is part of the EPA Consent Decree Early Action Program.	C	$28,895,000				
37	60	10451	Harris Co MUD # 50	TX0057053	3,361	The project includes collection system rehabilitation to address I/I issues and potential storm/sanitary sewer system cross connections.	C	$1,235,322				
39	58	10496	Euless		52,780	The project will extend the existing City reclaimed water system, which currently serves a golf course and athletic fields. The expansion 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.	C	$2,502,000		Yes-CE	$2,502,000	
41	55	10920	Dell City		383	Increase irrigation capability at the City's WWTP from 1 to 74.6 acres.	C	$687,613	70%			
58	46	10603	Wimberley		580	Construct a subsurface irrigation system to serve the Blue Hole Regional Park.	C	$480,000		Yes-CE	$480,000	9754,9755

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62	45	10435	San Marcos	TX0047945	69,873	The proposed project will replace or rehabilitate wastewater collection infrastructure in three areas of the City of San Marcos.	C	$4,562,550	30%	Yes-BC	$4,562,550	
63	43	10924	Ballinger	TX0099759	3,671	Expand the City's WWTP and effluent recycling land application system. The City is currently adding an RO treatment component to its WTP to comply with SDWS standards. Additional wastewater will be generated, potentially exceeding the capacity of the City's existing WWTP.	C	$1,710,500	30%	Yes-BC	$1,710,500	
64	42	10587	Wimberley		580	Construct a new wastewater collection system to serve the downtown area and the Deer Creek of Wimberley Nursing Home. The system will consist of gravity sewers, force mains, 3 new lift stations, and modifications to the lift station currently serving the nursing home.	C	$2,527,440				9754,9756
68	42	10408	Laredo	TX0025461	244,731	Construction of a 2 MGD WWTP to serve the Sombreretillo Creek and land in the Mines Rd area. This project will help eliminate the Zacate Creek WWTP which is in the 100 yr flood plain.	C	$10,000,000				
69	42	10409	Laredo	TX0085316	244,731	Expansion of the 12 MGD South Laredo WWTP to 18 MGD to serve the expected increase in flows from the growth in flows from the Zacate Creek WWTP.	C	$22,076,554				
70	42	10414	Laredo		244,731	Construction of 6 MGD Manadas Creek WWTP to provide service to Mines Rd and NE Laredo areas and relieve overloading conditions of 24" line on Mines Rd and 36" line on IH 35.	C	$24,000,000				
71	41	10464	Castroville	TX0129364	2,680	Construction of the expansion from 0.35 MGD to 0.7 MGD of the City's WWTP. The plant will be designed to meet more stringent discharge limits as set forth in the new TCEQ discharge permit. The design will also allow modulation between the new and old facilities as necessary for the treating of flows and diversion of plant effluent to either reuse irrigation or river discharge.	C	$9,050,000				
73	41	10668	San Juan	TX0057592	34,872	Provide first time sewer service to 105 existing homes. The project will include installation of collection lines, service lines, connection to homes, and decommissioning septic tanks and cesspools.	C	$1,960,000				9968
79	40	10844	West Tawakoni	TX0064513	2,601	Rehabilitate and upgrade the City's WWTP.	C	$2,792,500	30%			10019
83	37	10407	Laredo	TX0025461	244,731	Construction of one 5 MGD lift station and force main from Zacate Creek WWTP to 54" wastewater interceptor thence to South Laredo WWTP.	C	$3,500,000				
84	37	10419	Laredo		244,731	Expansion of 6 MGD Manadas Crk WWTP to 9 MGD to provide service to Miles Rd and NE Laredo areas and to relieve overloading conditions of existing 24" line on Mines Rd. and 36" line on IH 35.	C	$16,346,631				

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102	30	10673	San Juan	TX0057592	34,872	Replace, eliminate, enlarge and rehabilitate of six lift stations and install new force mains to alleviate wastewater collection and pumping problems. Funds to plan and design the project were made available through TWDB project 73637.	C	$5,200,000				9974, 9728, 9846, 9399
103	28	10922	Cisco	TX0053716	6,066	The project includes replacement of the City's main lift station that transports the raw sewage to the WWTP, addition of a screening system to the City's new main lift station, and the replacement of another existing sanitary sewer lift station located approximately at East 24th St and Humble Ave that has been identified by TCEQ as being in need of replacement. Due to ongoing drought in the area, the City is concerned with the long-term viability of its primary raw water source, Lake Cisco. To address the issue, the City proposes to add several new treatment processes to the City's WWTP, including a new mechanical secondary treatment process, filtration and disinfection processes to enhance the quality of the WWTP effluent, with the goal of permitting a new outfall west of the WWTP at Bernie Lake, which will begin supplementing Lake Cisco with additional raw water.	C	$4,671,000	30%	Yes-BC	$3,776,367	10097, 10098
106	27	10406	Laredo	TX0025461	244,731	This project consists of sewer line repairs and manhole rehabilitation.	C	$5,680,000				
109	25	10925	Olney	TX0024261	3,261	Construct a pump station and pipeline to transport effluent and augment supplies in Lake Olney.	C	$2,520,000	30%	Yes-BC	$1,705,000	
111	25	10524	Yoakum	TX0026034	6,102	Sanitary sewer collection system rehabilitation and replacement.	C	$665,000				
114	25	10761	Brownsville	TX0071340	202,865	Replace 3,178 of vitrified clay pipe with PVC pipe and rehabilitate 13 lift stations. The PUB completed design of this project through TWDB project 72495. It was omitted from the construction phase due to budget constraints.	C	$7,869,999		Yes-BC	$650,000	

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126	20	10841	San Antonio Water System	TX0077801	1,517,000	SAWS has identified 87 miles of sewer line that have experienced sanitary sewer overflows and need rehabilitation. They have completed design on 51 miles. The SSO rehabilitation project will rehabilitate 34 of the 51 miles with completed design.	C	$23,967,700				9879
145	11	10835	Castroville	TX0129364	3,053	Extend wastewater collection to the eastern part of the City. A new lift station, collection main and force main.	C	$1,952,500				9269
146	11	10839	Orange Co WCID # 2	TX0054810	3,830	Construct a 3.5 MGD lift station and 5,000 feet of force main to allow the District's WWTP to discharge directly to the Sabine River. The current discharge is to Adams Bayou, a tributary of the Sabine River. Also construct a new chlorine contact chamber a	C	$2,591,424				
147	11	10845	Falfurrias		4,885	Rehabilitate 7 of the City's 11 lift stations including the Ranchito, Swimming Pool, Magnolia, Whistler, Bradely, Warehouse and Nate lift stations.	C	$1,182,606	30%			
148	11	10846	Falfurrias		4,885	Replace 9,250 feet of vitrified clay sewer line with 8 inch PVC. Replace 13,300 feet of force main with 2,500 feet of 6-inch and 10,800 feet of 12-inch PVC force main.	C	$1,493,739	30%			
168	10	10664	Abilene	TX0023973	126,291	Supplement the existing screw pumps at the Buck Creek Pump Station (BCPS) with submersible pumps sized to eliminate the need for throttling flow from the 48-inch interceptor. The City's wastewater enters the BCPS via three main interceptors, one 48-inch interceptor and two 36-inch interceptors. The screw pumps have had difficulty in handling flow, especially during high flows due to wet weather events. The City has historically compensated for high flow events by using a large influent flow control gate to throttle the flow, which creates "storage" in the interceptor. The City has also constructed equalization storage at the BCPS. Properly sized submersible pumps will also eliminate the need for flow equalization during routine wet weather events.	C	$1,808,000		Yes-BC	$452,000	
185	0	10606	San Antonio Water System	TX0077801	1,517,000	Replace 7,500 feet of deteriorated and undersized 60-inch sewer main along Alamo Street from Josephine to Elm in downtown San Antonio.	C	$11,538,700				
187	0	10656	San Antonio Water System	TX0077801	1,517,000	Replace 60,000 feet of sagging, deteriorated 8 to 24-inch sewer main to reduce SSOs. This project also has a water main replacement component.	C	$9,507,394				
188	0	10657	San Antonio Water System	TX0077801	1,517,000	Rehabilitation of pipelines due to sanitary sewer overflows	C	$55,739,850				

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189	0	10658	San Antonio Water System	TX0077801	1,517,000	SAWS is completing design on $21.5 million in sewer pipelines to replace or rehabilitate lines that have experienced sanitary sewer overflows. SAWS has developed a sewer pipeline asset management plan, and lines are prioritized by frequency of overflows. The most critical projects are rehabilitated first.	C	$21,492,400				
191	0	10433	San Antonio Water System	TX0077801	1,552,024	This construction project, Phase 1, will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet federal, state, and local electrical codes.	C	$13,435,000				
Subtotal, POTW (Sec. 212)			**58**					**$546,533,192**	**24**	**18**	**$35,510,484**	
NPS (Sec. 319)												
1	103	10711	Orangefield WSC	TX0129313	5,031	Install collection systems in four subdivisions with 900 connections using vacuum pump technology. The systems will replace on-site septic tanks. The project will eliminate health hazards and improve water quality in Cow Bayou.	PD	$5,459,240				
2	80	10513	Harris Co FCD		-	Acquisition of 5,155 acres of land for a regional wetland bank, development of prairie grasslands and temp. flood storage during occasional inundation due to overflow; construction of a minor berm, generally less than 6 feet in height, for detaining water for up to six days in duration; excavation of a shallow channel to convey floodwaters to an outlet; development of a 500 foot wide, 7,000 feet wide greenway corridor along Bear Creek; and the temporary inundation of 5,755 acres of conservation land that are currently located within the 100 year floodplain.	PAD	$41,537,457		Yes-Comb	$41,537,457	
3	72	10604	Buda		7,230	The proposed project includes the planning, acquisition, design, and construction of a centralized sewage construction system to connect all of the existing residential septic systems in the Hillside Terrace subdivision. The proposed collection system will discharge into a proposed lift station and will be pumped through a proposed force main that will discharge into the City of Buda's existing collection system. The sewage will then be conveyed to the City's existing treatment plant for processing. The subdivision is outside the City's water service area and is considered to be a nonpoint source contributor of pollution to the impaired water body of Plum Creek.	C	$4,380,000	70%			9829
4	60	10700	La Feria	TX0128112	7,305	Constructed wetlands and bio-streams to address nonpoint source pollution in the AN-47 and AN-49 watersheds that affect the above tidal section of the Arroyo Colorado.	PD	$1,271,661	30%	Yes-BC	$1,271,661	10014

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5	60	10752	Brownsville	TX0071340	202,865	Extend first time wastewater service to unsewered areas northeast of the City. Areas include five subdivisions: Las Flores, Palacios, Central Estates, Praxedis Saldivar, and Las Palmas; and an unserved part of Old Port Isabel Road. Residents use private means of disposal that are not very effective in unsuitable soils, on small lots, with a high water table, and occasional flooding.	C	$3,262,400				
6	50	10760	Brownsville	TX0055484	202,865	Extend first time wastewater service to five subdivisions southeast of the City and south of the Brownsville International Airport. Subdivisions include Dockberry Estates, Colonia 21, Colonia Coronado, Paloma Blanca, and Milpa Verde. Residents use septic tank or other private disposal systems that present health hazards due to poor soil types, small lot sizes, high water table, and flooding.	C	$2,468,916				
7	45	10583	Aqua WSC		3,102	First time sewer collection system for the remaining portions of the Stony Point Subdivision in western Bastrop County.	C	$1,462,043	70%			
8	45	10741	La Joya	TX0127337	3,944	Install 60 new 4-inch short and 53 4-inch long sewer service connections.	PD	$71,876	30%			10103
9	40	10670	Olmito WSC	TX0113875	5,843	Expand the WSC's collection system in two areas to provide first time service.	PD	$181,500	30%			9971, 9979, 10677
Subtotal, NPS (Sec. 319)		**9**						**$60,095,093**	**5**	**2**	**$42,809,118**	
Total		**67**						**$606,628,285**	**29**	**20**	**$78,319,602**	

Phase(s): P - Planning; A - Acquisition; D - Design; C - Construction
Green Type: BC - Business Case; CE - Categorically Eligible; Comb - Project consists of both CE and BC components
Land acquisition is eligible for CWSRF funding only if it is integral to, or used in conjunction with, the treatment process, or is used for the ultimate disposal of residues resulting from such treatment. This includes land that is used specifically to treat water (e.g., effluent disposal fields, facultative lagoons, etc.) and includes land for WWTP sites, easements, etc.

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Subsidized Green
POTW (Sec. 212)												
4	93	10566	Weslaco	TX0052787	35,720	North WWTP expansion consists of the expansion of a new effluent receiving well, influent pump station, a new headwords facility with mechanical screening and grit removal, elimination of Lift Station #12 and new gravity main to the plant, upgrade to Lift Station #1 and install a new 12" force main, reuse treatment, pump station and distribution system and new effluent pipeline.	C	$12,991,927		Yes-BC	$3,086,922	
5	87	10405	Mission	TX0070017	84,203	The City proposes to expand its WWTP from 9 MGD to 13.5 MGD.	PDC	$17,250,000		Yes-BC	$425,000	
6	85	10392	La Villa	TX0133302	1,957	Due to continued increasing growth, primarily to the La Villa Detention Center, the project is to expand the City's WWTP.	PDC	$4,937,679	50%	Yes-BC	$1,248,000	
7	83	10492	Sterling City		888	The project includes extending the City's wastewater collection system to previously unserved areas, rehabilitating two existing lift stations, and improvements to the WWTP for expansion for reuse.	PDC	$3,170,550		Yes-CE	$648,685	
9	80	10626	Gustine	TX0117722	447	Modify the aeration basins and clarifiers at the City's WWTP.	PD	$99,000	30%	Yes-BC	$99,000	X
10	78	10475	Hico	TX0026590	1,347	Construction of additional treatment processes at the WWTP, improvements required for the construction of a reuse system at the WWTP, and the development of a sludge land application site. The proposed project also includes collection system improvements including the replacement of existing collection lines, rehabilitation of two existing lift stations, and the rehabilitation of manholes.	PDC	$2,405,900	50%	Yes-CE	$855,260	X
16	72	10586	Wimberley		580	Construct a wastewater treatment system to serve the downtown area and the Wimberley Nursing Home. Decommission an existing package WWTP and construct a new extended aeration activated sludge WWTP. Wastewater service is currently via septic systems which are deteriorating, limiting businesses from offering restroom service and potentially impacting groundwater quality and water quality in Cypress Creek.	C	$4,456,800		Yes-BC	$4,456,800	X
21	70	10718	Comanche	TX0022730	4,320	Replace lines throughout the City to reduce infiltration and inflow.	PD	$72,400	30%	Yes-BC	$72,400	X
28	65	10833	Brady	TX0034312	5,500	Construct a wastewater collection system and WWTP to provide first time service to residences around Lake Brady, whose septic tanks threaten the City's water supply. Also replace the City's WWTP with a new 1.5 MGD WWTP capable of advanced treatment	C	$20,608,500	50%	Yes-Comb.	$5,780,000	
29	65	10834	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities portion of the project identified by (2012 IUP) 9168 and 9169.	C	$8,805,000	30%	Yes-BC	$3,000,000	X

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Subsidized Green
39	58	10496	Euless		52,780	The project will extend the existing City reclaimed water system, which currently serves a golf course and athletic fields. The expansion 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.	C	$2,502,000		Yes-CE	$2,502,000	X
58	46	10603	Wimberley		580	Construct a subsurface irrigation system to serve the Blue Hole Regional Park.	C	$480,000		Yes-CE	$480,000	X
62	45	10435	San Marcos	TX0047945	69,873	The proposed project will replace or rehabilitate wastewater collection infrastructure in three areas of the City of San Marcos.	C	$4,562,550	30%	Yes-BC	$4,562,550	X
63	43	10924	Ballinger	TX0099759	3,671	Expand the City's WWTP and effluent recycling land application system. The City is currently adding an RO treatment component to its WTP to comply with SDWS standards. Additional wastewater will be generated, potentially exceeding the capacity of the City's existing WWTP.	C	$1,710,500	30%	Yes-BC	$1,710,500	X
103	28	10922	Cisco	TX0053716	6,066	The project includes replacement of the City's main lift station that transports the raw sewage to the WWTP, addition of a screening system to the City's new main lift station, and the replacement of another existing sanitary sewer lift station located approximately at East 24th St and Humble Ave that has been identified by TCEQ as being in need of replacement. Due to ongoing drought in the area, the City is concerned with the long-term viability of its primary raw water source, Lake Cisco. To address the issue, the City proposes to add several new treatment processes to the City's WWTP, including a new mechanical secondary treatment process, filtration and disinfection processes to enhance the quality of the WWTP effluent, with the goal of permitting a new outfall west of the WWTP at Bernie Lake, which will begin supplementing Lake Cisco with additional raw water.	C	$4,671,000	30%	Yes-BC	$3,776,367	X
109	25	10925	Olney	TX0024261	3,261	Construct a pump station and pipeline to transport effluent and augment supplies in Lake Olney.	C	$2,520,000	30%	Yes-BC	$1,705,000	X
114	25	10761	Brownsville	TX0071340	202,865	Replace 3,178 of vitrified clay pipe with PVC pipe and rehabilitate 13 lift stations. The PUB completed design of this project through TWDB project 72495. It was omitted from the construction phase due to budget constraints.	C	$7,869,999		Yes-BC	$650,000	

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Appendix L. Invited Green Project List

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	Phase(s)	Project Cost	Disadvantaged	Green Type	GPR	Subsidized Green
168	10	10664	Abilene	TX0023973	126,291	Supplement the existing screw pumps at the Buck Creek Pump Station (BCPS) with submersible pumps sized to eliminate the need for throttling flow from the 48-inch interceptor. The City's wastewater enters the BCPS via three main interceptors, one 48-inch interceptor and two 36-inch interceptors. The screw pumps have had difficulty in handling flow, especially during high flows due to wet weather events. The City has historically compensated for high flow events by using a large influent flow control gate to throttle the flow, which creates "storage" in the interceptor. The City has also constructed equalization storage at the BCPS. Properly sized submersible pumps will also eliminate the need for flow equalization during routine wet weather events.	C	$1,808,000		Yes-BC	$452,000	
Subtotal, POTW (Sec. 212)			**18**					**$100,921,805**	**10**	**18**	**$35,510,484**	
NPS (Sec. 319)												
2	80	10513	Harris Co FCD		-	Acquisition of 5,155 acres of land for a regional wetland bank, development of prairie grasslands and temp. flood storage during occasional inundation due to overflow; construction of a minor berm, generally less than 6 feet in height, for detaining water for up to six days in duration; excavation of a shallow channel to convey floodwaters to an outlet; development of a 500 foot wide, 7,000 feet wide greenway corridor along Bear Creek; and the temporary inundation of 5,755 acres of conservation land that are currently located within the 100 year floodplain.	PAD	$41,537,457		Yes-Comb	$41,537,457	X
4	60	10700	La Feria	TX0128112	7,305	Constructed wetlands and bio-streams to address nonpoint source pollution in the AN-47 and AN-49 watersheds that affect the above tidal section of the Arroyo Colorado.	PD	$1,271,661	30%	Yes-BC	$1,271,661	X
Subtotal, NPS (Sec. 319)		**2**						**$42,809,118**	**1**	**2**	**$42,809,118**	
Total		**20**						**$143,730,923**	**11**	**20**	**$78,319,602**	

Phase(s): P - Planning; A - Acquisition; D - Design; C - Construction
Green Type: BC - Business Case; CE - Categorically Eligible; Comb - Project consists of both CE and BC components
Land acquisition is eligible for CWSRF funding only if it is integral to, or used in conjunction with, the treatment process, or is used for the ultimate disposal of residues resulting from such treatment. This includes land that is used specifically to treat water (e.g., effluent disposal fields, facultative lagoons, etc.) and includes land for WWTP sites, easements, etc.

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Appendix M. Changes to the CWSRF enacted through WRRDA

Summary of Federal Water Pollution Control Act ("Clean Water Act") changes enacted through the Water Resources Reform and Development Act (WRRDA) of 2014

Acronyms used in Appendix M are found on page 108.

A. Expansion of the definition of "Treatment Works"

1. Treatment Works now includes land necessary for the construction of the project
   a. Surface and subsurface easements;
   b. Places to store equipment and material during construction;
   c. Land needed to locate eligible projects; and
   d. Land integral to the treatment process (land for effluent application, recharge basins, etc.)

B. Increased List of Eligible Projects to Eleven Project Types

Eligible projects before WRRDA:

1. *To political subdivisions, the construction of POTWs* (as defined in Section 212)
2. *Implementation of Non-Point Source management programs* (established under Section 319)
3. *Development and implementation of Bay and Estuary conservation and management plans* (established under Section 320)

Added through WRRDA:

4. *Construction, repair, or replacement of decentralized wastewater treatment systems* (May be publicly and privately owned.)

   Examples: new onsite systems and cluster systems.

5. *Measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water* (Eliminates ownership constraints on regulated stormwater projects. May be publicly or privately owned.)

   Examples: Privately owned projects in MS4 areas, including green infrastructure. Includes green roofs, rain gardens, roadside plantings, porous pavement, rainwater harvesting.

6. *To political subdivisions, measures to reduce the demand for publically owned treatment works capacity through water conservation, efficiency, or reuse* (May take place on public or private property.)

   Examples: Pass through assistance to city residents for the installation of water efficient appliances; installation, replacement, or upgrade of water meters;

plumbing fixture replacement; gray water recycling; water audits and water conservation plans; and equipment to reuse effluent.

7. *The development and implementation of watershed pilot projects* (May be public or private.)

   Examples: watershed management of wet weather discharges, stormwater best management practices, watershed partnerships, integrated water resource planning, municipality-wide stormwater management planning, and increased resilience of treatment works.

8. *To political subdivisions, measures to reduce the energy consumption needs for publically owned treatment works* (May take place on public or private property.)

   Examples: the installation of energy efficient lighting, HVAC, process equipment, and electronic equipment and systems at POTWs. Planning activities, such as energy audits and optimization studies are also eligible.

9. *Reuse or recycling wastewater, stormwater, or subsurface drainage water.* (Recipients may be public or private entities.)

   Examples: As part of a reuse project, the purchase and installation of treatment equipment sufficient to meet reuse standards; distribution systems to support effluent reuse, including piping the effluent on the property of a private consumer; recharge transmission lines; injection wells; and equipment to reuse effluent (e.g., gray water, condensate, and wastewater effluent reuse systems).

10. *Measures to increase the security of publically owned treatment works*

    Examples: vulnerability assessments, contingency/emergency response plans, fencing, security cameras/lighting, motion detectors, redundancy systems and power, secure chemical and fuel storage, lab equipment, securing large sanitary sewers, and tamper-proof manholes.

11. *To any qualified nonprofit entity (an entity having Federal tax-exempt status), provide assistance to owners and operators of small and medium publically owned treatment works:*
    a. *To plan, develop, and obtain financing for eligible projects under this subsection, including planning, design, and associated preconstruction activities;*
    b. *To assist such treatment works in achieving compliance with this Act.*

C. NEPA, Davis-Bacon, American Iron & Steel for all treatment works projects

1. Applicants for financial assistance for the construction of treatment works in the SRFs will be required to follow NEPA, regardless of whether the project is equivalency or non-equivalency.

2. The Davis-Bacon Act wage rate requirements and American Iron & Steel requirements were added to the FWPCA for all treatment works projects.

D. GAAP and GASB 34

1. Assistance recipients will maintain project accounts in accordance with GAAP, including standards relating to the reporting of infrastructure assets. The most recent applicable standard is GASB 34, issued June 1999.
2. TWDB CWSRF assistance agreements will include language requiring project accounts that are GAAP compliant, including requirements in GASB 34.

E. Procurement for architectural and engineering services

1. Must follow Federal qualifications-based requirements under 40 USC 1101 *et seq*. or equivalent State requirements. CWSRF recipients will need to follow the federal requirements.
2. Applies to FFY 2015 grant (SFY 2016 IUP) "equivalency" projects only
3. Examples of architectural and engineering services: feasibility studies, preliminary engineering, design, engineering, mapping, surveying, and construction management.
4. The Federal requirements of qualifications-based procurement are:
    a. Public notice of solicitation (e.g., Request for Qualifications)
    b. Evaluation and ranking of submittals based on criteria identified in solicitation
        i. Based on demonstrated competence and qualification for type of service required
    c. Discussion with at least three firms
    d. Selection of at least three firms as the most highly qualified
    e. Contract negotiation with the most qualified firm
        i. In event contract cannot be negotiated with most highly qualified firm, negotiations continue in order of qualification.
5. New solicitations, significant contractual amendments, and contract renewals initiated on or after effective date of Oct. 1, 2014, that will be funded with the FFY 2015 capitalization grant (SFY 2016 IUP) are subject to the requirement.

F. Additional Subsidization Changes

1. CWSRF additional subsidization authority is now permanent. It takes effect with the FFY 2015 grant (SFY 2016 IUP).
2. States are allowed to provide additional subsidization only when the total, nationwide CWSRF appropriation is greater than $1 billion.
3. The State is not required to provide a minimum level each year.
4. Maximum varies based on annual appropriations, but cannot exceed 30% of the grant.
5. Only political subdivisions are eligible, although pass-through agreements from a public entity to a nonprofit/private entity are allowable (e.g. for a green project).

6. May only be used for:

   a. Affordability, or

   b. Addressing water-efficiency goals; addressing energy-efficiency goals; mitigating stormwater runoff; or encouraging sustainable project planning, design, and construction.

7. Affordability criteria must be based on:
   a. Income (Considered through AMHI)

   b. Unemployment data (new requirement) and

   c. Population trends (new requirement).

G. Fiscal Sustainability Plans

1. For loans to POTW eligible under 603(c)(1) that involves repair, replacement, or expansion, the recipient must develop and implement a Fiscal Sustainability Plan (FSP). (Applies to loans only, not bonds.)

2. It applies to recipients that submit an application on or after October 1, 2014.

3. A FSP is not required for new treatment works, unless replacing or expanding.

4. A FSP must contain:

   a. An inventory of critical assets that are a part of the treatment works,
   b. An evaluation of the condition and performance of inventoried assets or asset groupings,
   c. A certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan, and
   d. A plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.

5. Loan agreements must include special conditions requiring the development and implementation of the FSP and the due date.

6. Assistance recipients may self-certify that such a plan has already been developed and is being implemented. This self-certification is required at time of closing.

7. The scope of the FSP could be limited to the funded project and closely associated components.

H. 30-year Loan Terms

1. 30 years now applies to loan agreements as well as purchased bond transactions.
2. Term must not exceed useful life.

I. Administration Funds

1. The calculation of the maximum amount for Administration has two new options available. The three options used in the calculation are:
    a. 4% of the capitalization grants awarded (previous calculation);
    b. $400,000 per year; or
    c. 0.20% of the current valuation of the CWSRF, whichever is greatest.

J. Program Income

1. Any fees charged to recipients that are considered program income will be used for the purpose of financing the cost of administering the CWSRF or financing projects or activities eligible for assistance from the CWSRF.

K. Certification - Evaluation of Cost and Effectiveness, Water Efficiency and Energy Conservation -

(Effective date October 1, 2015)

1. Applies to political subdivisions.
2. Assistance recipients must certify that:
    a. They have studied and evaluated the cost and effectiveness of the process, materials, techniques, and technologies for carrying out the proposed project or activity; and
    b. They have selected, to the maximum extent practicable, a project or activity that maximizes the potential for the efficient water use, reuse, recapture, and conservation, and energy conservation, taking into account:
        i. The cost of constructing the project or activity,
        ii. The cost of operating and maintaining the project or activity over the life of the project or activity, and
        iii. The cost of replacing the project or activity.

Acronyms related to WRRDA in Appendix M:

AMHI - Annual Median Household Income

FFY – Federal Fiscal Year

FSP - Fiscal Sustainability Plan

FWPCA - Federal Water Pollution Control Act

GAAP – Generally Accepted Accounting Principles

GASB - Governmental Accounting Standards Board

HVAC - Heating, Ventilation, and Air Conditioning

MS4 - Municipal Separate Storm Sewer System

NEPA - National Environmental Policy Act

POTW - Publicly Owned Treatment Works

Implementation Summary for Water Resources Reform and Development Act (WRRDA) of 2014

Federal Water Pollution Control Act Section	Requirement	Applicable to	Implementation
Section 5012 (Section 212)	Definition of Treatment Works expanded for land for construction.	Treatment Works (212)	With SFY 2015 CWSRF IUP projects
Section 603 (c)(1-11)	Eligibilities	All Assistance (Assistance Provided = Loan/Financial Agreement)	10/1/2014
Section 602(b)(6)	NEPA/NEPA-like review required for treatment works projects	Treatment Works (212)	Starting on 10/1/2014, all loans made for treatment work projects must have a NEPA/NEPA-like review. If the loan agreement was made on 10/1/2014 and the environmental review was conducted prior to 10/1/2014, then the environmental review will be accepted for loans made on or after 10/1/2014. But, if the environmental review is conducted on or after 10/1/2014 it must be NEPA or NEPA-like.
Section 602(b)(6)	Davis-Bacon wage requirements for treatment works projects	Treatment Works (212)	Immediate
Section 608	American Iron and Steel	Treatment Works (212)	Immediate
Section 602 (b)(9)	GAAP - compliant project accounts, including GASB 34	All Assistance (Assistance Provided = Loan/Financial Agreement)	10/1/2014

Federal Water Pollution Control Act Section	**Requirement**	**Applicable to**	**Implementation**
Section 602(b)(14)	Procurement standards identified in 40 USC 1101-110-4 or equivalent state standards	Equivalency projects with A/E contracts executed, significantly amended, or renewed.	A/E Contracts signed on or after 10/1/2014 that will be funded with FFY 2015 Capitalization Grant (SFY 2016 IUP).
Section 603(i)(1)	Funds available for additional subsidization	Municipal, intermunicipal, interstate and state agencies.	FFY 2015 Capitalization Grant (SFY 2016 IUP)
Section 603(i)(2)	Establish affordability criteria	Municipal, intermunicipal, interstate, and state agencies.	Complete before 9/30/2015, including public input (SFY 2016 IUP)
Section 603 (d)(1)(E)	Fiscal Sustainability plan	Projects involving repair, replacement or expansion of treatment works. Loans only, not bonds.	Applications on or after 10/1/2014
Section 603 (d)(1)(A)&(B)	30 year loans	All Assistance (Assistance Provided = Loan/Financial Agreement)	10/1/2014
Section 603(d)(7)	Administrative funds	First grant awarded after October 1, 2014	FFY 2015 Capitalization Grant
Section 602(b)(12)	Program income (fees) deposited into Fund	CWSRF State Program	Program income collected after 10/1/2014

Federal Water Pollution Control Act Section	Requirement	Applicable to	Implementation
Section 602 (b)(13)	Loan condition: recipient has evaluated the cost /effectiveness and selected, to the maximum extent practicable, a project that maximizes water/energy efficiency considering costs.	Municipal, intermunicipal, interstate, and state agencies.	Loan agreements signed on or after 10/1/2015.
Section 602 (b)(11) Perpetuity	No functional change from current practice; specifically provides authority to invest funds.	CWSRF State Program	10/1/2014