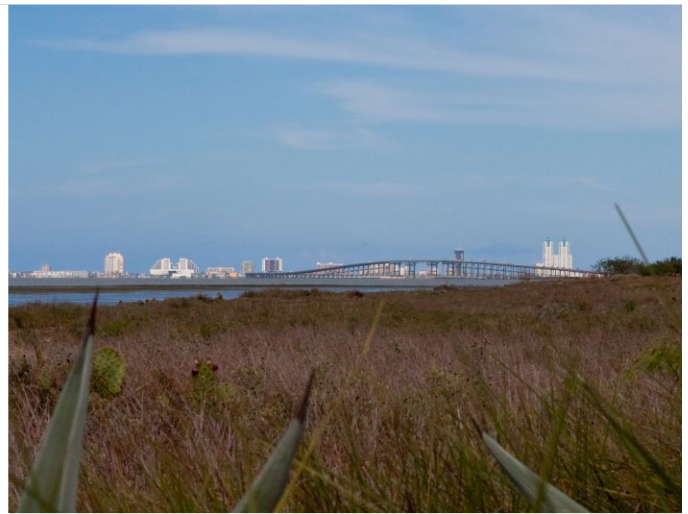


STATE OF TEXAS

Intended Use Plan

Clean Water State Revolving Fund

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



SFY **2014**

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

Clean Water State Revolving Fund SFY 2014 Intended Use Plan

Published: August 7, 2013

Cover Photos

Upper Left: Aeration basin under construction, Sabinal
Upper Right: South Padre Island causeway, Laguna Heights
Lower Left: Water fowl in engineered wetlands, Lower Rio Grande Valley
Lower Right: Northeast Wastewater Treatment Plant, Baytown

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EXECUTIVE SUMMARY

The Texas Water Development Board (TWDB) is pleased to provide the state fiscal year 2014 Clean Water State Revolving Fund (CWSRF) Intended Use Plan (IUP) for public review and comment. The IUP was presented to the TWDB's governing body for approval on August 15, 2013..

General information is presented in the IUP about the overall program in Texas and the use of the \$325 million dollars of funding available. The IUP describes how potential projects were solicited, rated and ranked for funding opportunities. To ensure the funds are expended timely and statutory requirements are met, the IUP establishes reasons for bypassing projects on the ranking list. Detailed program information is provided in the various appendices. These include a list of projects in priority order, a list of invited projects, a list of invited green projects, a list of ineligible projects, and a list of projects that were reviewed for disadvantaged eligibility, but were determined not eligible for disadvantaged funding.

More entities than ever before have submitted a Project Information Form (PIF) indicating robust interest in the program. The state fiscal year 2014 Project Priority List (PPL) includes 149 eligible projects totaling over \$1.1 billion dollars. This total includes 50 projects totaling approximately \$330 million dollars that are considered eligible for disadvantaged community funding and 50 projects totaling approximately \$440 million that have indicated they include potentially green project elements in the amount of \$190 million. A few examples of fundable green projects are permeable pavement, green roofs that capture rainfall, automatic meter reading systems and energy-efficient motors. An amount equal to 15% of the capitalization grant will be targeted to small communities with populations less than 10,000. The TWDB should have no difficulty meeting this goal as 64% of the projects for a total of \$330 million fit into the small community category.

Over the years the Texas CWSRF has funded over \$6 billion dollars of water quality projects. For state fiscal year 2014 the program is offering almost \$3.4 million dollars in loan forgiveness for disadvantaged communities, and another \$915,000 as loan forgiveness for green projects. This limited loan forgiveness funding is being offered on a first-come, first-served basis, with applications being opened starting at noon, central time (CT), on August 30, 2013. Projects listed on the Invited Project List that are interested in pursuing funding are encouraged to begin working on their applications and to apply at any time after the IUP approval (August 15, 2013). Competition is strong for disadvantaged and green project loan forgiveness and funds for these projects will be reserved once their applications are deemed administratively complete. A pre-application meeting to assist entities in understanding application and program requirements is a prerequisite for the submittal of the application. Provided there is still funding available, after the initial round of invitations, applications may be accepted until the next fiscal year's IUP is approved by the Board.

The Texas Water Development Board's mission is to provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas. Through the implementation of this plan, that mission will be furthered.

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I. INTRODUCTION

In 1987 Congress passed federal amendments to the Clean Water Act (CWA) that established the CWSRF program administered by the TWDB. The program complies with Section 606(c) of the CWA and 31 Texas Administrative Code (TAC) Chapter 375. The CWA and the CWSRF have long and distinguished records of protecting waterways from pollution while revolving those funds for the benefit of all communities in Texas. The CWSRF program provides financial assistance to political subdivisions, and other eligible applicants for wastewater infrastructure and treatment, stormwater, nonpoint source pollution control, and estuary management projects throughout the state. Helping to protect water quality and the environment, the CWSRF program is an essential component of the State's efforts to protect and improve the quality of life of the citizens of Texas.

Texas is eligible for a \$61,021,000 capitalization grant from funds appropriated by Congress for federal fiscal year (FFY) 2013. This IUP outlines the program's goals and initiatives and discusses how the projects were ranked and placed upon the Project Priority Lists (PPL) and the Invited Project List (IPL). A priority ranking process provides the mechanism used by the TWDB to identify the amount and type of loans to make each year and facilitates the TWDB's compliance with federally mandated requirements. The PPL is used to create the IPL, which is the initial list of projects that will be invited to submit applications for financial assistance.

The TWDB's Clean Water program is robust. By combining all sources of capital such as the federal grant funds, the required state match, loan repayments and interest earnings, a lending capacity of \$325 million has been established for this IUP. The TWDB will ensure that funds move expeditiously and responsibly from the time Texas is awarded the federal capitalization grant to the time the funds are awarded to projects and through project completion.

The program is required to offer both below-market interest rates and additional subsidy. To meet these requirements, 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. For example, when the subsidy is applied to a disadvantaged community receiving a \$1 million dollar loan TWDB will forgive principal of either \$300,000 or \$500,000 or \$700,000 and associated interest. Throughout the IUP loan forgiveness may be referred to as Additional Subsidy, Subsidized Green Funding or Disadvantaged Community Funding. TWDB plans to use \$3,396,209 of the additional subsidy requirement of the capitalization grant for the disadvantaged community loan program, and another \$915,315 to encourage green infrastructure. Unfortunately, the need for this funding far outpaces its availability. Therefore, entities with invited disadvantaged projects are strongly encouraged to apply as soon as possible after receiving their invitation.

Invited applications will be opened beginning on August 30, 2013, at 12:00 PM, CT, following approval of the IUP. Provided there is still funding available in state fiscal year 2014, applications will be accepted until the SFY 2015 IUP is approved by the Board. A notice of the availability of funds with the official deadline to submit an application will be published in the spring.

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II. PUBLIC PARTICIPATION

Public participation is an important and required component of the IUP development process. The TWDB takes seriously its responsibility to administer these funds and considers public input necessary and beneficial. Input is encouraged as outlined below.

A. Notice

To seek public comment on the proposed uses of funds, the draft IUP was made available for a 30-day public comment period. In addition, a public hearing was held in Austin to accept public comments. Availability of the draft SFY 2014 CWSRF IUP, dated June 12, 2013, was announced as follows:

- The draft IUP was posted on the TWDB website at www.twdb.texas.gov.
- A public notification describing where to access the draft IUP online and by hard copy was mailed or emailed to interested parties, including entities who submitted a PIF.
- A copy of the draft IUP was mailed to the EPA.
- Public notification of the public comment period and hearing was published in the monthly newsletter *Texas Water Development Board News* and on the TWDB website.
- A notice of public hearing was published in the *Texas Register*.
- A notice was posted to the TWDB's Twitter and Facebook pages.

B. Comment

Written comments were accepted via the following four options from June 20, 2013, until 5:00 p.m., CT, on July 22, 2013.

1. Attend the public hearing held on July 18, 2013, at 2:00 p.m. CT in Room 170 of the Stephen F. Austin Building located at 1700 N. Congress Ave. in Austin, Texas
2. Submit comments via the following online comment page:
www.twdb.texas.gov/apps/iup
3. Email comments to the following electronic mail address:
iupcomments@twdb.texas.gov. Please specify in the subject line CWSRF comments.
4. Mail comments to the following postal mail address:
Ms. Stacy Barna, Director, Program and Policy Development
Texas Water Development Board
P.O. Box 13231
Austin, TX 78711

In accordance with federal requirements, all comments were responded to on an individual

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basis and were reported to the TWDB Board in preparation for their review of the IUP.

C. Approval

The SFY 2014 CWSRF IUP was finalized once it is considered and approved by the TWDB's Board members in August 2013.

D. Documentation

After Board approval, the IUP will be formally submitted to the EPA along with information documenting the public participation process. In addition, the TWDB will notify all entities that submitted PIFs that the Board-approved IUP is available online. Entities with projects on the IPL will be informed of the opportunity to submit an application.

III. SFY 2014 SIGNIFICANT PROGRAM CHANGES

Significant changes to the SFY 2014 IUP are highlighted below.

- 1. PIFs will remain active for three years (Section VI.A.3):** Entities interested in being included in the annual IUP were previously required to submit a new PIF each year. Beginning with PIFs submitted for SFY 2014, eligible projects will remain active and on the PPL for up to three years, or until they receive a commitment for funding whichever is sooner. Projects will automatically be included in subsequent project lists and will retain the points awarded with their first review based on the number of priority points received in the year they were submitted. An update form will be made available for entities desiring to update project information.
- 2. Open solicitation with project lists updated as necessary (Section VI.A.2):** Prior to SFY 2014, with the exception of emergency projects, PIFs were only accepted during a three month solicitation period that began around December 1 and ended on March 1 of the following year. This change allows the Executive Administrator to add projects to the priority list throughout the year based on readiness to proceed, emergency need, or in order to meet programmatic requirements, thus providing for a more accessible funding program.
- 3. Updates to the IUP (Section VI.A.2):** Currently all changes to the IUP are presented to the Board, even minor revisions. Beginning with the SFY 2014 IUP, the Board will only be asked to approve substantive programmatic changes.
- 4. Updates to the project lists (Section VI.A.2):** A report on the status of the program and updates to the project lists will be made available to the Board on a quarterly basis. Proposed additions to the project lists will undergo a 14-day public comment period.
- 5. New reference for navigating the lists (Section XI):** A new section was added to the IUP that explains the attached project lists. This section provides a reference for interpreting the information presented in the lists.
- 6. Increase the amount of interest rate subsidy offered to CWSRF projects (Section**

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X.c.2.): Previously, projects received a reduction of 130 basis points for the equivalency program and a 95 basis point reduction for the non-equivalency program. This subsidy has been increased by 25 basis points. The interest rate reduction is now 155 basis points for equivalency projects and 120 basis points for non-equivalency projects.

- 7. Revisions to the rating criteria for Publically Owned Treatment Works and Nonpoint Source projects (Appendix B):** Criteria were added for NPS projects proposing stream bank restoration or containing elements of Low Impact Development. Watershed Protection Plan criteria was added under Publically Owned Treatment Works (POTW). Wording of the criteria related to impaired water bodies was revised.
- 8. Reserving the right to transfer funds (Section VIII.B.3.):** The TWDB 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.

IV. DESCRIPTION OF THE CWSRF PROGRAM

The CWSRF is a self-perpetuating (or “revolving”) loan assistance program administered by the TWDB and the EPA. The Clean Water Act sections 212, 319, and 320 provide the statutory authority for programs funded by the CWSRF.

The CWSRF is authorized to provide financial assistance for the construction of publicly owned treatment works; the funding of nonpoint source projects; and for estuary protection projects. Throughout this document we refer to these types of projects simply as publicly owned treatment works, nonpoint source and estuary projects.

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 for nonpoint source or estuary management projects only

B. Eligible and Ineligible Use of Funds

- 1.** Examples of eligible project costs include planning, design, and construction of projects to:
 - Create or improve wastewater treatment facilities, reuse/recycle facilities, and collection systems
 - Purchase existing wastewater treatment plants

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- Control stormwater pollution (some exceptions apply)
 - Control nonpoint source pollution
 - Manage estuaries
 - Implement green projects (pursuant to EPA guidance)
 - Pay for other costs necessary to secure or issue debt
2. Examples of ineligible project costs include:
- Projects primarily intended to facilitate growth
 - Section 212 (Publically Owned Treatment Works) projects for systems that are owned by private or nonprofit entities (e.g. water supply corporations). These entities are eligible for nonpoint source (Section 319) or estuary management (Section 320) projects
 - Treatment works owned or operated by a federal agency
 - Excavation, testing, remediation, or disposal of hazardous, contaminated, or potentially contaminated material
 - Land, unless integral to the treatment process
 - Refinancing or replacement of previous commitment for funding from the CWSRF

V. CWSRF PROGRAM GOALS

The primary goal of the Clean Water Act is to restore and maintain the chemical, physical, and biological integrity of the state's waters, and the CWSRF program supports achievement of this goal. The TWDB provides effective and efficient administration of the CWSRF program, combined with below-market interest rates and long-term financing, to assist entities in protecting the water quality of the state.

A. Long-Term Goals of the CWSRF

1. Restore and maintain the chemical, physical and biological integrity of the state's waters through a strong loan assistance program that is responsive to changes in the state's priorities and needs.
2. Maintain the fiscal integrity of the CWSRF in perpetuity through active management and capacity modeling to assure continuous enhancement of the fund for future generations. Comply with generally accepted accounting standards and monitor our lending rate policy to provide for long-term inflation.
3. Work with other state and federal water and wastewater funding sources in the Texas Water Infrastructure Coordinating Committee to collaborate and seek innovative, sustainable funding strategies.

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B. Short-Term Goals of the CWSRF

1. Make greater efforts to fund up to the Board established capacity of \$325,000,000. An enhancement being offered in 2014 is an increased interest rate subsidy of 25 basis points on all loans. Projects complying with all federal cross-cutting requirements (equivalency) will be offered a subsidy of 155 basis points. Projects complying with state requirements (non-equivalency) will be offered a subsidy of 120 basis points.
2. Encourage the use of green infrastructure and technologies by offering \$915,315 in loan forgiveness for green infrastructure, energy efficiency, water efficiency, or environmentally innovative portions of projects.
3. Maintain the current level of outreach on rule, policy, and guidance changes to the SRF programs by hosting six regional SRF workshops and stakeholder meetings in SFY 2014 and one webinar in the summer to alert projects to the changes in the program, and to encourage their application. In addition, the TWDB will work toward developing programmatic, informational videos during SFY 2014, and will continue our use of social media such as Facebook and Twitter.
4. In SFY 2014, the TWDB will continue to focus on implementing the water quality aspects of the program and ensure that funds move expeditiously and responsibly from the time Texas is awarded the capitalization grant to the time the funds are awarded to projects through project completion. These efforts are instrumental in achieving the requirements of the Clean Water Act.
5. Make loan commitments of \$325 million during SFY 2014, including at least \$6,102,100 in commitments for green projects. The anticipated amount of loan closings is \$154 Million.

VI. DEVELOPMENT OF THE CWSRF INTENDED USE PLAN

A. Solicitation of Project Information

1. Project information was solicited from eligible entities across the state in a letter dated December 3, 2012, with a response deadline of March 1, 2013. Potential applicants provided information on the PIF based on the type of project: nonpoint source, estuary management or publicly owned treatment works, and its disadvantaged community status.

The required information 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 of milestones to determine a project's readiness to proceed to

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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 including criteria such as asset management, water conservation, regional plans, and energy audits.

2. In order to make the program more accessible and to assist the TWDB in meeting project needs and programmatic requirements, the Executive Administrator may add projects to the lists throughout the year based on readiness to proceed, emergency need, or in order to meet programmatic requirements. The due date for the first solicitation of PIFs for the SFY 2014 funding cycle was March 1, 2013. Previously, PIFs were not accepted past the March 1st deadline unless they were submitted in response to a formal solicitation. One exception to this restriction was for Emergency Projects, which have been allowed to submit projects at any time.

Beginning this year, projects can submit PIFs any time between August 15, 2013, and July 1, 2014. Periodically the new PIFs will be grouped for processing, and eligible projects will be rated and ranked and added to bottom of 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. PIFs submitted that are not rated and ranked during SFY 2014 will be included in the SFY 2015 IUP. A report on the status of the program and an update on the project lists will be provided to the Board on a quarterly basis for information purposes. An end of the year report detailing changes will be included with the Annual Report.

3. Beginning with the PIFs submitted for SFY 2014, PIFs shall remain active for up to three years from the IUP in which they are first included. Eligible projects will remain active and on the appropriate project lists for up to three funding years, or until they receive a commitment for funding, are determined ineligible, indicate that the project is no longer needed or has been completed, or indicate they no longer wish to be included on the list, whichever is sooner. Projects will automatically be included in subsequent project lists based on the number of priority points received in the year they were first accepted and rated. Individual ranking will not be preserved and will be determined in a manner consistent with that year's IUP. An update form will be made available for entities wishing to update project information.

For example, Entity A submitted a PIF for consideration for funding under the SFY 2014 IUP. That project was rated, receiving 30 priority points, and was ranked accordingly. Until a commitment for funding is received, or the project is otherwise deemed ineligible,

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the project will automatically be included on the SFY 2014, 2015, and 2016 project lists with the 30 priority points received during the initial rating. Entity A does not need to submit a new PIF for the same project for consideration under the SFY 2015 or 2016 IUPs, unless the entity wishes to submit new or updated information which also may increase their points.

B. Evaluation of Project Information

PIFs were evaluated by the TWDB and projects determined to be eligible for funding were rated and ranked according to the rating criteria found in Appendix B. The TWDB also evaluated the eligibility of projects for disadvantaged community funding, following the disadvantaged community eligibility criteria presented in Appendix C. If additional information was needed for clarification, entities were contacted by staff.

C. Priority Rating System

The TWDB performs the priority rating of projects in accordance with 31 TAC §375.31. The general rating criteria for publicly owned treatment works and nonpoint source projects are discussed below. Details on the rating criteria are 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. 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).
- Additional factors as designated by the Executive Administrator.

2. 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.

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- Affordability – factor applied to an entity that qualifies as a disadvantaged community (see Appendix C) .
- 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.
- Additional factors as designated by the Executive Administrator.

D. Updates to the IUP

Pursuant to TWDB rules, revisions made to this plan determined to be non-substantive may be made by the TWDB without notification to the public. They will be reported to the EPA in the Annual Report. Any changes in the IUP shall be made in accordance with procedures and pursuant to TWDB rules.

VII. PROGRAM INITIATIVES

To help meet the goals of the program, the TWDB is promoting these initiatives in SFY 2014.

A. Outreach

Informing entities of the benefits of CWSRF funding is an important function of the agency. The TWDB will maintain a high level of outreach by hosting six regional SRF workshops and one webinar during SFY 2014 to explain program benefits and requirements. As resources allow, informational videos will be developed. TWDB plans to develop and produce videos on “How to Complete a Green Project Review Business Case”, “How to Prepare a Project Information Form” and “How to determine Disadvantaged Community eligibility”. For SFY 2014 TWDB plans to utilize social media to share project success stories.

B. Emergency Relief

The TWDB will consider Emergency Relief funding to replace or rehabilitate an essential portion of a wastewater treatment system that poses 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 category "Emergency Relief Projects" on the respective IPL and PPL. Funding will be provided on a first-come, first-served basis from any SRF funds remaining in the current year's Intended Use Plan or other available SRF funds. Prior to extending an invitation to apply for Emergency Relief funding, TWDB staff will evaluate the availability of program funds, amount of funds requested by the entity, project schedule, disadvantaged community eligibility, and population. If Emergency Relief funding is not available through the SRF programs, entities may seek funding from other TWDB financial assistance programs.

C. Encourage green projects

The TWDB is required to ensure that an amount equivalent to 10% of the capitalization

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grant is allocated to approved green project costs. 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 cost. If Subsidized Green funds remain uncommitted, those funds may be used for Disadvantaged Community funding.

Green projects within the CWSRF program are those that (a) use green infrastructure, (b) increase water efficiency, (c) increase energy efficiency, or (d) are considered environmentally innovative.

Green infrastructure designs use the natural water cycle to manage the flow of stormwater and provide environmental and community benefits. For example, unlike stormwater infrastructure that uses pipes to dispose of rainwater, a green infrastructure approach might use vegetation and soil to manage rainwater where it falls. The project might include streets with permeable pavement, bioretention, trees, green roofs that capture rainfall, and green walls.

A second green category, water efficiency, is the use of improved technologies and practices to deliver equal or better services with less water. Water efficiency encompasses conservation and reuse efforts. An example is a water reuse project.

A third type of green project, energy efficiency, is the use of improved technologies and practices to reduce the energy consumption, use energy in a more efficient way, or utilize renewable energy. Examples include the use of wind power for a publicly-owned treatment plant and the installation of electrical motors that have at least a 20% reduction in energy consumption.

Finally, certain innovative environmental activities that demonstrate new or innovative approaches to managing water resources can be considered green projects. These projects prevent or remove water pollution in an economically and environmentally sustainable way. An example is a decentralized wastewater treatment solution.

VIII. AVAILABILITY OF FUNDS

A. Fund Analysis

In accordance with the TWDB's administrative rules, the Executive Administrator will allocate the total funds available between the Disadvantaged Community, Subsidized Green, and Mainstream funding options and will assign the green project, small communities, nonpoint source, and estuary management reserves.

B. Notice of Availability of Funds

1. Allocations

The Board approved lending capacity of the program for SFY 2014 is \$325,000,000 based

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on the FFY 2013 capitalization grant, state match, and the repayment of loan funds. The amount of funds available is allocated to the following funding options.

	Allocation
Subsidized Green (<u>Equivalency</u> or <u>Non-Equivalency</u>)	\$915,315
Disadvantaged Communities	\$3,396,209
Total Equivalency, including the above funds	\$61,021,000
Non-Equivalency	\$263,979,000

2. Reserves

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

Reserve	Amount
Green Project (10% of capitalization grant)	\$6,102,100*
Small Communities (15% of capitalization grant)	\$9,153,150
Nonpoint Source/Estuary Management	\$22,750,000
*This amount includes the funds allocated for green subsidy.	

For SFY 2014, the TWDB is reserving 7% of total funds available for nonpoint source and estuary management projects. Of the 7%, up to 2% will be initially designated for estuary management projects and the remaining 5% will be designated for nonpoint source projects. If these funding goals are not met, the funds will be rolled to the other category. Likewise, if no projects exist or indicate interest in applying for the nonpoint source or estuary management funds, the funds will be made available to publically owned treatment works projects.

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, they may be offered to publicly owned treatment work projects.

3. Additional Funds

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

4. Transfer of Funds

Section 302 of the Safe Drinking Water Act 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

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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.

IX. CRITERIA AND METHOD OF DISTRIBUTION OF FUNDS

A. Determination of Allocation Amounts

In determining how the funds will be offered during the year, the TWDB takes in several considerations, including, for example, the conditions in that year's capitalization grant, the amount of equivalency vs. non-equivalency funding available, the agency's goals for the year, as discussed in the goals section of the IUP, and other programmatic requirements. The TWDB is required by the capitalization grant to provide some form of additional subsidy. The agency has selected to provide the additional subsidy in the form of loan forgiveness for disadvantaged communities and for green projects (see I. below for additional information on these funding options). In addition, the TWDB is required to provide at least 10% of the capitalization grant for green projects and has allocated funding for small communities. Once the different allocations have been established, the Invited Project List can be created in order to ensure the agency meets the various requirements and goals discussed throughout this document.

B. Priority List Ranking

The TWDB performs the priority rating of eligible projects. Additionally, the TWDB rates projects for affordability and additional factors designated by the Executive Administrator. Each project, submitted by the deadlines and determined to be eligible, is rated and then ranked from highest to lowest rating on each PPL. Construction projects for which the TWDB has previously funded the planning, acquisition, or design phase are added to the IPL when they are ready to proceed to construction. In the event of ties in the rating of any project, priority is given to the project serving the smaller total population. Rating information submitted after the deadline is not considered. Following approval of the IUP, changes to a ranked project resulting in the 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, except when approved by the Executive Administrator for the efficient management of the system. Only one increase prior to closing may be allowed. .

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C. Invited Projects List, Invitations, and Application Submissions

The IPL presented in the IUP refers to a subset of projects from the PPL and includes only the projects to be invited to apply for funding beginning August 30, 2013.

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 2014. The phases indicated on the IPL represent the phases deemed eligible based on that review. If an entity indicates interest 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 form must be submitted and an eligibility determination will be made by TWDB prior to the pre-application meeting.

For SFY 2014, the initial IPL represents projects with costs exceeding the available Equivalency funds. Once all Equivalency funds have been allocated, Non-Equivalency will be offered. 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. As other projects are invited, the IPL is updated and made available on the agency's website quarterly. Subsequent rounds of invitations will include Non-Equivalency funds as well as any remaining Equivalency funds.

Prior to submitting an application, entities are required to participate in a pre-application meeting to discuss the application process and requirements. Applications will be accepted any time after the plan's approval on August 15, 2013, and opened beginning August 30, 2013, at 12:00 PM CT, following approval of this IUP. Provided there is still funding available, applications will be accepted until the next fiscal year's IUP is approved by the Board. A notice of the availability of funds (or lack thereof) with the official deadline to submit an application will be published in the spring.

D. Requests for Additional Information

Applicants will have ten business days to submit additional information requested by the TWDB to properly evaluate their application. Projects will be bypassed if an applicant fails to timely submit a complete application or additional requested information.

E. Bypass Procedure

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.

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. Entities that have submitted a

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completed loan application but had their project(s) bypassed will not be reviewed for further consideration. Reasons for bypassing projects are described further in Appendix E.

F. Funding Categories

Entities listed on the IPL will be invited to apply for one of the following funding categories. Funding categories are derived from either Equivalency or Non-Equivalency funds. To efficiently manage the program and satisfy federal requirements, Non-Equivalency funds will not be offered until the required allocation for Equivalency funds has been met with accepted applications.

1. Equivalency (Federal Requirements) Funds

A portion of the CWSRF funds are made available through a capitalization grant received from the federal government through the EPA. As a condition of receiving CWSRF capitalization grants, the TWDB must impose certain federal requirements on an amount equivalent to the capitalization grant. These funds are referred to as Equivalency funds and offer an interest rate of 1.55% below the market rate. Availability of Equivalency funds is dependent on the TWDB receiving the capitalization grant.

The TWDB requires applicants seeking Equivalency funds to complete and submit a Pre-award Compliance Review Report which lists the federal requirements that they must adhere to, commonly referred to as federal crosscutters. More information on crosscutters can be found in Appendix D, paragraph 2.

2. Non-Equivalency (State Requirements) Funds

Non-Equivalency funds represent the state portion of the CWSRF loan program and are not part of the federal capitalization grant fund. Non-Equivalency funds include funds obtained from bond sales and loan repayments and are not subject to federal crosscutter requirements, with the exception of the federal anti-discrimination laws, also known as the super cross-cutters. These funds are available to all entities and offer an interest rate of 1.20% below the market rate.

3. Equivalency or Non-Equivalency Funds

The TWDB is offering limited, loan forgiveness funds to disadvantaged communities as Equivalency funds. Those green projects meeting the requirements may be for loan forgiveness as either Equivalency or Non-Equivalency funds.

a. Disadvantaged Community Funding (Equivalency funds only)

The program is offering almost \$3.4 million dollars in loan forgiveness for disadvantaged communities. For an entity to qualify as a disadvantaged community, the 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 AMHI. If that threshold is met, then the Household Cost Factor is used to determine the level of

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loan forgiveness. The percent of loan forgiveness is based on the difference in the household cost factor, as shown below:

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

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

The program is offering \$915,315 in loan forgiveness for Subsidized Green funding. Entities may receive 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 than the total project cost. For SFY 2014, this funding option offers 15% in loan forgiveness of total green costs, and is available from either Equivalency or Non-Equivalency funds. 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, paragraph 4.

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

Entities listed on the IPL are eligible to receive Mainstream funding. This funding option is offered to projects 1) that do not qualify for Disadvantaged Community or Subsidized Green funding, or 2) for which qualifying Disadvantaged Community or Subsidized Green funding is not available. For SFY 2014, this funding option is available from either Equivalency or Non-Equivalency funds. Equivalency funds offer an interest rate of 1.55% below the market rate while Non-Equivalency funds offer 1.20% below the market rate.

In the event that the TWDB does not receive the FFY 2013 Capitalization Grant, all projects will be funded as Non-Equivalency projects and will not be required to comply with federal cross-cutters. Loan forgiveness will not be offered and green project reserve requirements and preferences will not apply.

G. Funds Distribution

The distribution of funds will occur as described below.

Readiness to Proceed Process:

The TWDB defines readiness to proceed as having obtained all permits, legally required authorizations, and land and water rights, having completed design, and having complied with all program requirements, including all engineering and environmental planning review

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requirements. 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 was used in determining which phases of a project would be eligible for funding at this time.

Each application received by the TWDB will be reviewed to ensure that the required milestones have been met to allow funding of phases being requested. If the application review indicates that the appropriate milestones 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 assigned 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 that received a commitment for planning, acquisition and/or design during SFY 2011, 2012, or 2013, are automatically added to the SFY 2014 PPL and the construction only section of 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. Projects invited for construction phase funding may be required to submit an updated Readiness to Proceed to Construction form. TWDB staff will review the updated form and/or the application, as noted above, and will determine if the project is eligible for construction phase funding.

As described further in Appendix E, the Executive Administrator may bypass projects to invite those deemed ready to proceed.

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 2014 will receive an invitation to fund only the PAD portion of the project. A loan 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

Projects on the IPL that have completed planning, acquisition, and design, and is ready to advertise for construction bids will receive an invitation to fund the construction portion of the project. Applicants will be required to be ready to advertise for bid or procurement packages at the time a commitment is sought and to have acquired at least 70% of the TWDB loaned project costs in total bids prior to closing their loan. A loan 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.

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For SFY 2014, the TWDB's goal is to reserve up to 70% of funds available for Construction funding, provided there are projects deemed ready to proceed. The Executive Administrator may bypass projects not deemed ready to proceed. Any construction funds may be used for PAD and pre-design funding options.

If the Planning, Acquisition, and/or Design phase receives a commitment in SFY 2014, the remaining phases 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 an updated PIF that reflects changes in a project's scope, schedule, budget, or rating which would require a new rating.

3. Pre-Design Funding Option

The pre-design funding option allows an applicant to receive a single loan commitment for both the PAD and construction portions 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 will only be considered for projects where there are no significant permitting, social, contractual, environmental, engineering, or financial issues. A loan utilizing the pre-design funding option must close within one year of receiving a commitment.

H. Invited Projects List Updates

Throughout the funding year, the Executive Administrator may update the projects that appear on the IPL based on periodic evaluations of the amount of funds available and achievement of funding requirements (i.e. disadvantaged communities, small communities, and green projects). The Executive Administrator may periodically invite new applications for funding. The TWDB will post the list of invited applicants on its web site quarterly.

I. Loan Closing

A PAD financial assistance commitment must close within six months. A construction or pre-design funding financial assistance commitment must close within one year. The Executive Administrator may grant an extension of time to close if an applicant shows good cause for a delay.

J. Term of Loans

The TWDB may offer loans for the following terms:

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Loan Terms

Type of Financial Assistance	Maximum Term
PAD	10 years
Construction	30 years
Pre-Design Funding	30 years

Notwithstanding the term listed above, a loan may not exceed the design life of an eligible project.

K. Loan Origination Fee and Comparison of Funding Options

Regardless of which funding option is pursued, all loans are assessed a loan origination fee of 1.85% to pay for the administration of the loan. This fee is assessed at closing. The loan origination fee applies only to the loan portion of a commitment and does not apply to any loan forgiveness amounts. The loan recipient has the option of financing the origination fee in their loan and most recipients exercise this option. Fees are not deposited into the CWSRF. The fees will be used for future administrative costs, including project construction oversight, regulatory compliance, and long-term financial monitoring.

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

Funding Option	Loan Forgiveness	Interest Rate		Loan Origination Fee	Maximum Repayment Period
		Equivalency	Non-Equivalency		
Disadvantaged Community	30%, 50%, or 70%	1.55% below market	N/A	1.85%	30 years
Subsidized Green	15%	1.55% below market	1.20% below market		
Mainstream	N/A	1.55% below market	1.20% below market		
Note: An entity may receive both Disadvantaged Community and Subsidized Green loan forgiveness.					

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 2014 the proportionate share limit will not be exercised.

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2. Cost Overruns – After Closing

In the event of cost overruns on projects with a previous IUP loan, supplemental loan funding may be considered on a case by case basis.

3. Additional Project Funding Before Closing

Additional funds may be made available to projects listed on the Project Priority List if approved by the TWDB and costs do not increase by more than 10% of the amount listed in the approved IUP. The Executive Administrator may increase the amount above the limit previously listed. Only one increase prior to closing may be allowed. .

X. FINANCIAL STATUS OF THE CWSRF

The final enacted FFY 2013 CWSRF funding is now available with passage of the FFY 2013 Appropriations Act. A capitalization grant for Texas has been allotted in the amount of \$61,021,000 to be matched by \$12,204,200 in state funds (20% of the capitalization grant). The TWDB applied for FFY 2013 CWSRF funds in February 2013 to provide additional funding for the TxWISE project being developed by Northbridge Environmental Consulting through an EPA contract. On May 31, 2013, EPA awarded the TWDB a total of \$29,923,000 of the FFY 2013 CWSRF funds, including the \$492,000 in administration for the TxWISE project. On June 18, 2013, the TWDB submitted to EPA a revised grant payment schedule covering the entire FFY 2013 CWSRF allotment of \$61,021,000. The TWDB requested an amendment to the grant agreement to receive the remainder of the FFY 2013 CWSRF allotment totaling \$31,098,000. The TWDB will comply with the requirements associated with the FFY 2013 allotment in SFY 2014. The state match will be borrowed by the CWSRF from the TWDB's Development Fund and repaid to the Development Fund with interest earnings on the CWSRF. The CWSRF is not responsible for costs related to issuance of the Development Fund bonds. Principal repayments of \$88,482,000, interest repayments of \$76,056,398 and investment earnings of \$644,752 are anticipated in SFY 2014. These funds, together with the capitalization grant of \$61,021,000, the state match of \$12,204,000, and additional cash resources from retained funds of \$168,026,300 create a total project budget of \$325,000,000, which will be used to fund projects on the SFY 2014 IUP. Projected administrative funds for SFY 2014 consist of banked administrative funds of \$2,010,252, banked administrative funds that will be set aside from the grant for the TxWISE project of \$492,000, and newly awarded administrative funds of \$2,440,840. The state match will be made up of funds obtained from the TWDB's Development Fund in the form of a loan to the CWSRF. The Development Fund sells state general Obligation bonds for a variety of purposes, including providing funds for state match. The TWDB does not maintain a reserve for the sale of these bonds. The amount of bonds to be sold will be determined based on the match required, and the description of the terms and conditions of the bond sale is to be determined at the time of the sale and market conditions at that time. The state match is deposited into the CWSRF as federal CWSRF grant funds become available in the Automated Clearing House based on the grant payment schedule. The TWDB does not cross-collateralize between the CWSRF and DWSRF programs.

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The program charges a loan origination fee of 1.85%. These fees help to fund administrative costs of the program. The fees are held outside of the CWSRF. For the estimated \$154 Million of closed loans in SFY 2014, excluding loan forgiveness of \$4,311,524, the loan origination fees would be approximately \$2,770,000.

A. FFY 2013 Capitalization Grant Funds

The TWDB will invite a sufficient number of applicants to make binding commitments for all of the capitalization grants and state matching funds. However, if all of the funds are not committed or otherwise obligated; any funds remaining after TWDB approval of the SFY 2014 IUP and after the SFY 2014 funding cycle has ended will be rolled forward to the SFY 2015 IUP. As they become available, more projects will be moved to the IPL and additional applications will be invited.

B. Long-Term Financial Health of the Fund

The long-term financial health of the CWSRF is monitored through ongoing monthly cash flow and quarterly capacity modeling. The TWDB lending rate policy has been established to preserve the corpus of the capitalization grants and state match funds not utilized for loan forgiveness. The fund is managed to maintain strong programmatic cash flows to allow continued leveraging of the program, as necessary.

C. Interest Rate Policy

The TWDB has established an interest rate policy for most CWSRF borrowers in its rules that provides for fixed and variable rates. The TWDB has considered the criteria set forth below in establishing this rate policy:

1. The interest rate required to retire state match and program revenue bonds.
2. The interest rate necessary to maintain the capacity of the CWSRF through leveraging.

The program is designed to provide borrowers with a reduction not to exceed 195 basis points from the market based on a level debt service schedule for Equivalency funded loans. For SFY 2014, Equivalency funded loans will be offered at 155 basis points below the market rate and Non-Equivalency funded 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.

XI. Navigating the Lists

Appendices G – L are a series of lists that detail the proposed project information for each project based upon the PIFs the TWDB received for SFY 2014. 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

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may be invited to submit financial applications for assistance (Appendix K), and a list of invited projects that may contain green components (Appendix L).

The alphabetical list is the priority list sorted alphabetically. They contain 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.

Projects that were deemed ineligible to receive CWSRF funding due to the scope of the proposed project are listed in Appendix H with a brief description as to why they were deemed ineligible. Projects that were deemed ineligible to receive disadvantaged funding only (i.e. the projects is still eligible to receive other funding options) are listed in Appendix I with a brief description as to why they were deemed ineligible.

Projects listed on the Invited Projects List are eligible to begin the next step to 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, 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 (as detailed in section VII.A.). 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 section of the IPL includes all projects that 1) requested only construction phase funding on the PIF, but may not be ready to proceed to construction at this time; 2) requested only construction phase funding on the PIF and were deemed ready to proceed to construction; or, 3) projects that received previous PAD commitments from the TWDB. Projects that have been determined to be ready to proceed based on the review of the PIF may apply for funding at any time during the funding year. These are labeled with footnote 3 on the IPL. Projects that may not be ready to proceed or received previous PAD funding may apply for construction phase funding after approval from the TWDB based on a review of an updated ready to proceed form. These projects are labeled with footnote 4 on the IPL.

If projects are listed as construction only, but require funding for planning or design, those projects may request to be removed from the construction only list and added back to the project priority list in rank order for consideration for PAD phase funding once they are included on the IPL.

The Invited Green Projects List is a subset of the Invited Projects List in that projects with green components as listed in the previous appendices are listed here. The information detailed includes a description of the green components under Project Description, the category(ies) of those green components (see Appendix L), 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 (i.e. whether

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the components are categorically eligible or require a business case), and whether the proposed project is eligible to receive subsidized green funding. A grand total for the projects is listed on the last page of the appendix along with any pertinent notes and the definitions of acronyms and footnotes.

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Appendix A. Sources and Uses of Funds for SFY 2014

SOURCES:

FFY 2013 Federal Capitalization Grant - Construction	\$55,934,868
FFY 2013 Federal Capitalization Grant - Administration	\$2,440,840
FFY 2013 Federal Grant - TxWISE- Banked Administrative Funds	\$492,000
FFY 2013 Federal Grant - Banked Administrative Funds	\$2,153,292
FFY 2013 Federal Grant - Total	\$61,021,000
State Match - for FFY 2013 Federal Grant	\$12,204,200
Unexpended previous grants, plus 20% for state match	\$8,272,393
Principal Repayments from Existing Loans	\$88,482,000
Interest Repayments from Existing Loans	\$76,056,398
Investment Earnings on Funds	\$644,752
Cash to be used for loans (per Capacity Model)	\$315,010,792
Projected additional leveraging bonds sold in SFY 2014 (per Capacity Model)	\$0

TOTAL SOURCES:

\$561,691,535

USES:

Administration

Administration - from FFY 2013 Capitalization Grant	\$2,440,840
TxWISE Project - from Banked Administrative Funds	\$492,000
Banked Administrative Funds	\$2,153,292
Total Administration:	\$5,086,132

Projects already pledged:

Commitments – projects in prior IUP	\$153,292,272
Applications – projects in prior IUP	\$1,964,613

Projects to be funded:

SFY 2014 IUP Projects - Commitments - Principal Forgiveness (Disadvantaged and Green)	\$4,311,524
SFY 2014 IUP Projects - Commitments - Green Project Reserve-10% of the Cap Grant	\$6,102,100
SFY 2014 IUP Projects - Commitments - Remaining (Loan Capacity less amounts above)	\$314,586,376
Total Projects To Be Funded - SFY 2014 IUP (Per Capacity Model):	\$325,000,000

Debt Service (Principal and Interest) on:

Revenue Bonds - to Leverage the Fund:	
Senior Lien	\$6,047,863
Subordinate - Variable Rate	\$66,194
Subordinate - Fixed Rate	\$55,610,800
Match General Obligation Bonds	\$14,623,661
Total Debt Service:	\$76,348,518

TOTAL USES:

\$561,691,535

NET SOURCES (USES):

\$0

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

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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.	$(12 \text{ months ADF})(100) / (\text{permitted ADF}) = \underline{\hspace{2cm}}\%$
For existing plants permitted for < 1 MGD, use the highest 3-consecutive-month average of the past 12 months of reported data.	$(\text{max 3 months ADF})(100) / (\text{permitted ADF}) = \underline{\hspace{2cm}}\%$

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 $\geq 90\%$ and project directly or indirectly improves a capacity problem.
- 20 pts. – Capacity $\geq 75\%$ and $< 90\%$, and project directly or indirectly improves a capacity problem.

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- 15 pts. – Capacity \geq 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.

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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 adjusted median household income that is no more than 75% of the adjusted state median household income for the most recent year for which reliable data is available, and
3. If the service area is charged for either water or sewer services, has a household cost factor for either water or sewer rates (whichever is applicable) that is greater than or equal to 1.0%; or, if the service area is charged for both water and sewer services, has a combined household cost factor for water and sewer rates that is greater than or equal to 2.0%.
4. The Board may alter or add to these factors to provide financial assistance to an entity that cannot otherwise afford a CWSRF loan.

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 AMHI. An example of this method follows:

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Appendix C. Disadvantaged Community Eligibility Criteria

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

Prorated US Census Data

A	B	C	D	E	F	G	H	I	J
US Census Tract	Block Group	2000 US Census Population	2000 US Census AMHI	2000 US Census Average Household Size	Number of Household Connections	Household Connections as a % of Total Household Connections	Entity's 2000 Population (CxG)	Entity's 2000 AMHI (DxG)	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:

$$\begin{aligned} \text{Average Annual Water Bill} &= (\text{Avg. \# of persons/household}) \times (2,325 \text{ gallons/person/month}) \\ &\quad \times (\text{Monthly water rate}) \times (12) \\ \text{Average Annual Sewer Bill} &= (\text{Avg. \# of persons/household}) \times (1,279 \text{ gallons/person/month}) \\ &\quad \times (\text{Monthly sewer rate}) \times (12) \\ \text{Household Cost Factor} &= \frac{(\text{Average Annual Water Bill}) + (\text{Annual Loan Cost})}{(\text{Adjusted Median Household Income})} \\ \text{Combined Household Cost Factor} &= \frac{(\text{Avg. Annual Water Bill}) + (\text{Avg. Annual Sewer Bill}) + (\text{Annual Loan Cost})}{(\text{Adjusted Median Household Income})} \end{aligned}$$

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 2014. 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	B	C	D	E	F	G	H	I	J	K	L	
Number of household connections (HH)	Percentage of Total HH	Average Monthly Water Flow	Average Household Size	Average Mo. Water Flow / HH	First Tier	Initial Rate	Additional Use	Additional Rate	Other Changes	Average Mo. Water Bill	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	

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Appendix C. Disadvantaged Community Eligibility Criteria

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	Interest Rate	Term	Loan Origination Fee
>=0% and <1.5%	30%	1.30% below market	30 years	1.85%
>=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 AAMHI less than or equal to 75% of the state's AAMHI 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 AAMHI, 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 AAMHI will be assumed to be less than or equal to 75% of the states AAMHI.

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Appendix D. Special Grant Conditions and Assurances

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, the U.S. Department of Labor's implementing regulations, and the requirements of section 513 of the Federal Water Pollution Control Act (33 U.S.C. 1372). 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* at this link:

<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0550.pdf>.

2. Compliance with Crosscutting 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 crosscutting authorities or crosscutters. The crosscutters apply to projects and activities whose cumulative funding equals the amount of the SRF capitalization grant. **Projects following Equivalency program requirements must comply with the federal crosscutting authorities.**

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

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

A complete list of crosscutting authorities can be found at the EPA web site:
www.epa.gov/safewater/dwsrf/xcuts.html

3. Additional Subsidies

The additional subsidies will be used primarily to fund infrastructure that supports existing communities, including repairs, replacement, and upgrades. The program has increased

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the emphasis on the importance of directing SRF assistance to projects that support sustainable systems and that help build or maintain the technical, financial and managerial capacity of the recipient. The TWDB will track how these subsidies are used in the SFY 2014 Annual Report.

Per federal capitalization grant requirements, the TWDB is required to provide a minimum of \$2,874,350 and a maximum of \$4,311,524 in additional subsidization. For SFY 2014, the additional subsidization will be offered as Disadvantaged Community and Subsidized Green funding. The amount of funds allocated to these categories is defined in the Availability of Funds section (Section VIII). In the event the TWDB does not receive enough completed loan applications for projects eligible to receive additional subsidization (i.e., Disadvantaged Community or Subsidized Green funding), the Executive Administrator may bypass higher ranked projects to invite projects that are eligible for additional subsidization.

4. 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.

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 GRP 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. The TWDB utilizes the green project information worksheet (TWDB-0162) as a standard template for business cases. For information on the TWDB's GPR initiative and recently closed business cases, visit <http://www.twdb.texas.gov/financial/programs/green/>.

Appendix L, "Invited Green Projects", lists invited green projects with project descriptions that detail the green category associated with the project, whether the project is categorically eligible or may require a business case, and how much of the project's total cost is applicable to the GPR. Any changes to this list will be reported quarterly in an amended project list.

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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B. Assurances and Specific Proposals

1. Assurances (Citations refer to sections of Title VI of the Clean Water Act):

1. 602(a) – Environmental Reviews -All projects must comply with 31 TAC Chapter 375, Subchapter E, Environmental Reviews and Determinations.
2. 602(b)(2) – State Matching Funds - The TWDB agrees to deposit into the CWSRF from state monies an amount equal to 20% of the FFY 2012 federal capitalization grant and disburse state monies prior to disbursing any federal funds.
3. 602(b)(3) – Binding Commitments - The TWDB will enter into binding commitments for 120% of each quarterly payment within one year of receipt of that payment.
4. 602(b) (4) – Expeditious and Timely Expenditures - The TWDB will expend all funds in the CWSRF in a timely and expeditious manner.
5. 602(b)(5) – First Use for Enforceable Requirements - The TWDB has previously met this requirement.
6. 602(b)(6) – Compliance with Title II Requirements - The TWDB will meet the specific statutory requirements for POTW (Sec. 212) projects constructed in whole or in part with funds directly made available by federal capitalization grants for Title II equivalency and federal crosscutters.
7. 602(b)(7) – State Laws and Procedures - The TWDB agrees to expend each quarterly grant payment in accordance with state laws and procedures.
8. 603(f) – Consistency with Planning - The TWDB agrees that it will not provide assistance to any project unless that project is consistent with plans developed under Sections 205(j), 208, 303(e), 319, or 320 of the CWA.)
9. Compliance with Crosscutter Requirements - It is a capitalization grant requirement that projects assisted with funds directly made available by capitalization grants comply with crosscutting authorities. This requirement has been met for all capitalization grants through FFY 2011 and will continue to be met in an amount equivalent to the FFY 2012 Capitalization Grant.

2. Estimated Disbursements

The TWDB estimates that \$61,021,000 will be drawn in federal funds to be matched with \$12,204,200 in state funds. The TWDB will submit outlay reports with supporting documentation equivalent to the total amount of the required state match and the FFY 2013 capitalization grant allotment. (Note that \$492,000 will be set-aside from the grant for the TxWISE project.)

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Quarter	Period	Report to EPA
Q1	October-December	January 31st
Q2	January-March	April 30th
Q3	April-June	July 31st
Q4	July-September	October 31st

3. Requested Payment Schedule – FFY 2013 allotment

FY	Qtr.	TWDB 4% Admin.	TWDB-Banked Admin	TxWISE	Construction Funds	Total Federal Payment
2013	Q3			\$492,000		\$492,000
2013	Q4				\$55,934,868	\$55,934,868
2014	Q1	\$610,210	\$538,323			\$1,148,533
2014	Q2	\$610,210	\$538,323			\$1,148,533
2014	Q3	\$610,210	\$538,323			\$1,148,533
2014	Q4	\$610,210	\$538,323			\$1,148,533
2015	Q1					
2015	Q2					
Totals		\$2,440,840	\$2,153,292	\$492,000	\$55,934,868	\$61,021,000

4. Method of Cash Draw

TWDB will demonstrate that 100 percent of the required state match has been utilized first, and then draw 100 percent federal funds from all project invoices as they are received. Once all federal and state match funds are expended, the remainder of invoices will be paid from the repayment stream. Based upon clarification from the EPA, the method of cash draw is a modified “all projects” method; however, a specific percentage per project will not be required. The TWDB will draw funds based on invoices, in the order they are received, until an amount equal to the capitalization grant allotment is expended.

5. Binding Commitments – Estimated Timeframe During SFY 2014

SFY	Percentage	Binding Commitment
Quarter 1	5%	\$16,250,000
Quarter 2	20%	\$65,000,000
Quarter 3	30%	\$97,500,000
Quarter 4	45%	\$146,250,000
TOTAL	100%	\$325,000,000

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6. Entry into CWSRF Benefits Reporting System

The TWDB will enter information on a timely basis into EPA's CWSRF Benefits Reporting system as loans are closed.

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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. Entities that have submitted a completed loan application but had their project(s) bypassed will not be reviewed for further consideration. Reasons for bypassing projects include but are not limited to:

a. Projects Previously Funded

Other projects may be bypassed by those projects that received funding for planning, acquisition and/or design during SFY 2011, 2012, or 2013 and were automatically added to the SFY 2014 PPL and the IPL for construction phase funding.

b. 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.

c. Green Projects

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.

d. 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.

e. Project Repetition

Additional funding for a project or portion of a project that was previously funded by the TWDB is allowed under the CWSRF program. However, any entity with a project or portion of a project that has received a commitment for funding from the CWSRF program may not refinance or replace its prior Board commitment through the SRF program.

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f. Emergency Relief

The TWDB will consider Emergency Relief funding to replace or rehabilitate an essential portion of a wastewater treatment system that poses 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 category "Emergency Relief Projects" on the respective IUP and PPL. Funding will be provided on a first-come, first-served basis from any SRF funds remaining in the current year's Intended Use Plan or other available SRF funds. TWDB staff will evaluate the availability of program funds, amount of funds requested by the entity, project schedule, disadvantaged community eligibility, and population prior to extending an invitation to apply for Emergency Relief funding. If no Emergency Relief funding is available through the SRF programs, entities may seek funding from other TWDB financial assistance programs.

g. Readiness to Proceed

The Executive Administrator may bypass projects to include those deemed ready to proceed. Project status will be determined through review of criteria such as permitting requirements, environmental review requirements, construction start dates, and additional applicable schedule information. If a project is determined not to be ready to proceed to construction, the project may still be eligible for funding of the PAD phases.

h. 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 if the applicant fails to demonstrate that the causes of prior failures have been identified and remedied and are not likely to reoccur.

i. 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. The Executive Administrator's determination must be based on the applicant's lack of capacity to make scheduled loan payments while maintaining all other financial obligations.

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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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Appendix G: Alphabetic List of Eligible Projects

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Appendix G. Alphabetic List of Eligible Projects**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
POTW														
119	10	9955	Abilene	TX0023973	126,291	The City needs to enlarge the capacity of the Buck Creek Pump station, which pumps the majority of the flow into the treatment plant, to prevent wet weather overflows and use of the equalization basin. The City proposes to enlarge the capacity of the Buck Creek Pump Station to handle the flows within the system.	IVB	PDC	3/1/2014	\$1,966,000		BC	\$452,000	
63	33	10089	Acton MUD	TX0105163	8,655	The MUD needs to expand their sewer collection system to include several neighborhoods near Lake Granbury which currently have failing septic tanks. The MUD is proposing to install first time sanitary sewer service collection systems to several neighborhoods near Lake Granbury and remove failing on site septic tanks from use.	IVA	PDC	4/1/2015	\$7,751,000				10094
42	48	10094	Acton MUD	TX0105163	8,655	THE MUD needs to expand their treatment plant capacity to accept additional sewage from communities that are currently using failing on-site septic tanks. The MUD is proposing to expand their existing WWTP to allow the treatment of sewage from approximately 740 new connections in the Lake Granbury area. The MUD will expand the treatment plant by adding a new clarifier, a new aeration basin, and necessary components to complete the upgrade.	I, II	PDC	4/1/2015	\$1,775,800			\$169,000	10089
34	53	9964	Agua SUD	TX0133841	6,642	Agua Special Utility District needs to expand their collection system to reach areas of the community that have failing on-site septic systems. The District is proposing to install a sanitary sewer collection system to serve areas that are experiencing failing on-site septic systems. The District is proposing to phase the work, with this proposal being Phase I of the Palmview area providing collection to approximately 1,691 connections. Sewage will be treated at WWTP being funded through EDAP project 10365; Planning & Design was funded through EDAP 10365	IVA	C	10/1/2013	\$29,351,692	70			

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

1 Project received a prior commitment to fund PAD phases.

2 Land acquisition is eligible for CWSRF funding only if it is integral to, or is used in connection 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 excludes land for WWTP sites, easements, etc.

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
25	63	9966	Agua SUD	TX0125598	1,337	The SUD needs to provide first time collection and treatment to at least 13 subdivisions, colonias, and unincorporated areas North of Sullivan City that currently use on-site sewage disposal methods. The District is proposing to expand first time collection and treatment to approximately: 2,000 feet of force main; 42,000 feet of collection lines; and 323 new connections to address the lack of centralized sewage collection and treatment.	IVA	PDC	9/1/2014	\$6,361,000	70			
35	53	9975	Agua SUD	TX0133841	23,666	Agua Special Utility District needs to expand their wastewater treatment plant to provide treatment services for additional connections. The District is proposing expansion of their wastewater treatment plant's capacity from 2.5 mgd to 7.5 mgd to allow the treatment of approximately 5,865 additional connections in the area.	I, II	DC	9/2/2014	\$30,713,500	50			9977
36	53	9977	Agua SUD	TX0133841	23,666	The District needs to extend first time collection service to the second phase of the East EDAP area to address failing on-site sewage treatment facilities. The District is proposing to extend first time wastewater collection to approximately 5,865 connections. The project will include approximately 500,000 feet of collection lines; 44,000 feet of force mains; and 11 lift stations to transport the sewage collected to the treatment plant to be constructed under EDAP funded project #10365 and expanded under PIF 9975.	IVA	DC	6/1/2015	\$62,902,489	50			9975
65	31	10035	Alba	TX0022489	548	The City need to remove sludge and sediment from the lagoons at the City's wastewater treatment plant to allow more efficient treatment. The City needs to develop an asset management plan. The City is requesting funding to rehabilitate two treatment lagoons at the City's wastewater treatment plant, including sludge and sediment removal, and develop an asset management plan.	I	PDC	5/1/2015	\$700,617				
1	111	9925	Angelina & Neches RA	TX0056154	573	The Authority needs to begin treating sewage from the Redlands Estates subdivision and adjacent areas. The Authority proposes to add and rehabilitate components of their existing North Angelina County Regional Wastewater Treatment facility to allow the plant to accept sewage from Redland Estates and adjacent areas. Redland Estates is under TCEQ agreed order to transfer treatment to the Authority's facility.	I, II	PDC	1/1/2015	\$1,107,500	70			9924

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

48

Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

1 Project received a prior commitment to fund PAD phases.

2 Land acquisition is eligible for CWSRF funding only if it is integral to, or is used in connection 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 excludes land for WWTP sites, easements, etc.

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
2	111	9924	Angelina Co FWSD # 1	TX0056154	573	The District has entered into an agreement with TCEQ to provide wastewater collection and treatment to the Redland Estates Subdivision and adjacent areas. The subdivision's wastewater treatment plant is non-functional and discharging waste directly into waters that are tributaries to the Angelina River. The District is proposing to install several thousand feet of sanitary sewer collection line, manholes, cleanouts, lift stations, force mains, etc. to complete installation of collection system for the Redlands Estates Subdivision and surrounding areas. Sewage will be transported to North Angelina Co. Regional WWTP for treatment.	IVA	PDC	1/1/2015	\$4,110,000	70			9925
125	0	10047	Anson		2,477	The City needs to replace portions of their collection system to allow elimination of two deteriorated lift stations. The City plans on installing 8 and 6-inch diameter gravity wastewater collection lines to allow the elimination of two lift stations. The City is also requesting \$3,223,026 to refinance existing USDA debt.	IIIB	PDC	2/1/2015	\$3,900,000		BC	\$666,974	
6	90	10147	Arlington	TX0022802	366,674	The City needs to continue addressing sanitary sewer overflows. The City is proposing to replace pipe in two areas defined within their 2009 Wastewater Master Plan. The City entered into a long range sanitary sewer overflow agreement with Texas Commission on Environmental Quality and the proposed project continues with the plan.	IIIB	C	5/15/2014	\$3,957,600			\$3,957,600	
93	15	9994	Baird	TX0053384	1,673	City wishes to replace existing mechanical WWTP with a new facultative lagoon and pond system. The City is proposing to replace an existing mechanical WWTP with a new facultative lagoon and pond treatment system, with disposal of effluent via irrigation.	I	PDC	9/1/2015	\$3,800,000				
124	0	9996	Baird	TX0053384	1,673	The City needs to replace 50 year old clay sewer lines to address excess infiltration/inflow and add manholes. The City is proposing to replace approximately 19,500 feet of 6 and 8-inch clay sewer lines to address infiltration/inflow. The City will add approximately 30 manholes to the line as it is replaced where none exist now.	IIIA	PDC	7/1/2015	\$2,500,000				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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48	43	10106	Ballinger	TX0099759	3,671	City needs to expand their wastewater treatment plant and effluent land application system. City is proposing to expand their wastewater treatment plant and effluent land application system to accommodate the reject flows from their Reverse Osmosis water treatment facility.	I	PDC	12/1/2014	\$1,973,000	30	BC	\$1,973,000	
112	10	10011	Bangs	TX0053511	1,518	The City of Bangs is proposing to add a secondary clarifier at their wastewater treatment plant for system reliability. The City is seeking planning and design funding to add a secondary clarifier at their wastewater treatment plant for system reliability.	I	PDC	7/1/2015	\$1,000,000	30			
15	70	9972	Bevil Oaks	TX0054551	1,274	The City needs to replace or complete major rehabilitation on their existing 33-year old WWTP. The City is proposing to study alternatives and either replace/rehab their existing plant or enter into agreement with the City of Beaumont to accept and treat the sewage.	I, II	PDC	10/1/2014	\$2,352,415				
82	20	10053	Brady	TX0034312	4,320	City needs to address inflow/infiltration throughout the system. The City proposes to replace sewer lines that are know to cause significant inflow/infiltration.	IIIA	PDC	1/1/2014	\$417,000				
23	65	10236 ¹	Brady	TX0034312	5,500	Wastewater collection system and WWTP to provide first time service to residences around Lake Brady with failing septic tanks. Replace the City's WWTP with a 1.5 MGD WWTP capable of advanced treatment and construct an outfall line for discharge into the Lake.	II, IVA	PADC	4/1/2012	\$20,608,500	50	Both	\$5,780,000	9168
24	65	10237 ¹	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities of project 10236.	IVA	PADC	4/1/2012	\$8,805,000	30	BC	\$3,000,000	9170
132	0	10125	Brownsville	TX0055484	202,865	The BPUB needs to add corrosion/odor control for the South Wastewater Treatment Plant headworks and sludge dewatering facilities. The BPUB is proposing to add odor control facilities to address corrosion and odor at the South WWTP. The proposed improvements include a containment building, field constructed enclosed vessel biofilters, fans, and ductwork to address odors and corrosion.	I, II	PDC	6/1/2014	\$4,322,000			\$2,555,000	

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76	25	10126	Brownsville	TX0071340	202,865	The BPUB is proposing to construct a reuse system for the effluent from the Robindale WWTP. The BPUB is proposing to develop a reuse system to deliver 5 to 6 million gallons per day of effluent from the Robindale WWTP to areas on the north side of Brownsville.	X	PDC	6/1/2015	\$20,389,480		BC	\$2,222,045	
86	20	10127	Brownsville	TX0071340	202,865	The BPUB needs to upgrade/enlarge the collection system on the north side of the City to accommodate growth on the north side of the City. BPUB is proposing to increase the size of the existing collection system piping to accommodate additional customers to be serviced on the north side of the City of Brownsville. The improvements will include collection system piping, force mains, and lift stations.	IIIB	PDC	5/31/2015	\$31,989,620				
75	25	10129	Brownsville	TX0071340	202,865	BPUB needs to replace aged and deteriorated collection system components to address component failures and frequent sanitary sewer overflows. The proposed project will replace approximately 3,178 feet of deteriorated collection system and rehabilitate/replace 13 lift stations in efforts to reduce sanitary sewer overflows.	IIIA	C	6/1/2014	\$7,869,999		BC	\$650,000	
87	20	10132	Brownsville	TX0071340	202,865	The District needs to remove two existing wastewater treatment plants operated by the Brownsville Navigation District from service. The District is proposing to remove two existing wastewater treatment plants, operated by the Brownsville Navigation District from service by installing lift stations and force mains to re-route the flows to the existing sewer collection system. Existing sewer collection system components will require upgrade to accommodate the flows, including approximately 13 existing lift stations.	IVB	PDC	5/31/2015	\$25,701,617		BC	\$700,000	
131	0	10133	Brownsville	TX0071340	202,865	The District needs to install odor control at numerous lift stations throughout the City to control odors and corrosion. The District proposes to install corrosion /odor control facilities at numerous lift stations throughout the City by installing biofilters, fans, ductwork, etc., to provide 12 air changes per hour in the lift station wet wells.	IIIB	PDC	6/1/2014	\$4,119,000			\$4,119,000	

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33	55	10149	Brownsville	TX0055484	202,865	The Brownsville Public Utilities Board (BPUB) needs to replace/rehabilitate old, deteriorated sanitary sewer collection system components to address sanitary sewer overflows. The board proposes to replace approximately 61,250 feet of deteriorated wastewater collection system piping, and upgrade/replace approximately 26 lift stations to address sanitary sewer overflows.	IIIA	PDC	6/1/2015	\$40,479,009		BC	\$1,335,807	
102	12	10030	Campbell	TX0072508	683	The City needs to address old, deteriorated sanitary sewer collection system and add an emergency generator to the City's main sewage lift station. The City proposes to replace old, deteriorated, collapsing sanitary sewer lines and extend service to unserved areas within the City's service area. The City will install an emergency generator and electrical controls to the main sewage lift station.	IIIB, IVA	PDC	5/1/2015	\$423,583				
120	1	10031	Campbell	TX0072508	683	The City needs to make improvements to their WWTP to allow better management of the flows through the plant and install an emergency generator. The City proposes to make improvements to the equalization basin, chlorine contact chamber, RAS system, headworks, installation of grit removal system, and installation of an emergency generator with necessary controls.	I	PDC	5/1/2015	\$442,300				
72	27	10016	Canton	TX0099112	3,581	The City needs to replace three outfalls (trunk sewers) within the east, west, and north areas of the City to address deterioration and infiltrator/inflow. The City is proposing to replace the remaining section of the east and west trunk sewer lines and the entire north line to address deteriorated piping and infiltration/inflow. The replacement of the north line will allow the city to furnish service to approximately 100 unserved connections.	IIIA, IIIB	PDC	9/30/2014	\$3,475,000				
104	11	10238 ¹	Castroville	TX0129364	3,053	Extend wastewater collection to the eastern part of the City, install a new lift station, collection main and force main.	IIIB, IVA	PDC	9/1/2012	\$1,952,500				9269
19	70	10097	Cisco	TX0053716	6,066	The City needs to replace and upgrade existing lift stations. The City is proposing to replace two lifts stations and rehabilitate others to meet current TCEQ requirements.	IIIB	PDC	3/1/2015	\$1,272,000	30		\$120,000	

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71	28	10098	Cisco	TX0053716	6,066	The City needs to address long term sustainability of their water supply. The City is proposing to use the wastewater treatment plant effluent to supplement the water supply within Bernie Lake. The proposed reuse will require additional treatment of the effluent for reuse.	II, X	PDC	3/1/2015	\$2,953,000	30	BC	\$2,953,000	
61	40	10012	Colorado City		4,121	The City needs to expand their current wastewater treatment plant and disposal via irrigation system. The City is proposing to double the size of their wastewater treatment lagoon facility and disposal by irrigation treatment system.	I	PDC	7/1/2015	\$9,000,000	30			
39	51	10013	Colorado City		4,121	The City has been cited for untreated discharges and needs to upgrade lift stations, add sewer lines, and emergency generators to address issues with power supply that leads to pump failures. The City is proposing to eliminate several lift stations by installing a gravity sewer to serve the northeast side of the City. The City is also proposing to rehabilitation other lift stations and add emergency generators to provide back-up power. The installation of the gravity sewer will also allow the City to provide sewer service to unserved areas of the City.	IIIB, IVA	PDC	7/1/2015	\$3,800,000	30	BC	\$3,800,000	
17	70	10048	Comanche	TX0022730	4,320	The City needs to rehabilitate/upgrade their wastewater treatment facility.	II	PDC	4/30/2014	\$1,077,000	30			
18	70	10051	Comanche	TX0022730	4,320	The City needs to replace old, deteriorated sanitary sewer lines to address inflow/infiltration. The City is proposing to replace sewer lines throughout the City to address inflow/infiltration issues.	IIIA	PDC	6/1/2014	\$372,000	30	BC	\$372,000	
38	51	10025	Cushing	TX0053937	712	The City needs to upgrade/rehabilitate their wastewater treatment plant. The City is proposing to upgrade/rehabilitate their existing WWTP to improve operational performance. The City has been in violation of permit parameters for several months and is under an agreed order. The proposed improvements will include sludge removal/pond cleaning and installation of aerators.	I	PDC	5/1/2015	\$954,203				

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50	42	9962	Daingerfield	TX0027031	2,573	The City needs to upgrade/rehabilitate portions of their wastewater treatment plant to improve treatment to meet current standards. The City is proposing to: rehabilitate a 44 year old clarifier; design and construct a peak flow diversion pump station; design and construct a new chlorine contact basin; and design and construct a new sludge pump station. The rehabilitation will require upgrade in system controls, etc.	I	DC	10/1/2016	\$1,500,000				
98	15	10105	Del Rio	TX0053830	39,078	The City needs to conduct planning and design to continue with their WWTP collection system work to address deteriorating conditions. The City proposes to complete planning and design to continue with Phase II of their wastewater treatment plant collection system rehabilitation work.	IIIA	PD	8/1/2015	\$500,000				
30	55	10059	Dell City		383	Dell City needs to expand their ability to land apply effluent produced by the Wastewater Treatment plant to address TCEQ enforcement actions. Dell City is proposing to expand their ability to land apply effluent from approximately 1 acre to approximately 75 acres.	I	PADC	3/1/2015	\$687,613	70			
103	11	10060	Dell City		383	The City needs to upgrade/replace two lift stations and as part of the upgrade, needs to replace the associated force mains from the lift stations to the wastewater treatment plant. The City is proposing to replace 6,000 feet of proposed 8-inch force main.	IIIB	ADC	3/1/2015	\$543,950	70			
59	40	9997	Dilley	TX0117218	1,500	The City needs to rehabilitate their existing lagoon treatment plant. The City proposes to remove and dispose of sludge from the lagoon treatment ponds, install outfall piping, and rehabilitate an existing lift station and piping.	I	PDC	7/1/2014	\$965,000				
117	10	9999	Dilley	TX0115282	3,894	The City needs to replace deteriorated sanitary sewer system piping to address overflows and spills. The City is proposing to install a new 12-inch trunk line to replace deteriorated piping in the northern portion of the city and smaller deteriorated pipes that cause spills.	IIIB	PDC	7/1/2014	\$1,012,000				

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100	12	10023	Domino		213	The Community wants to plan and design a first time wastewater treatment system for its residents. The City is proposing to complete planning and design for a first time wastewater treatment system to serve their residents. The City is proposing to complete an asset management plan also. See PIF 10282 for collection system portion.		PDC	3/1/2015	\$1,701,000				10282
101	12	10282	Domino		213	The City of Domino currently does not have a centralized collection system for their residents. The City is requesting funding for the planning and design phases for developing a first time collection system for their service area. Related PIF 10023 is requesting planning and design phase funding for wastewater treatment for the City.	IVA	PDC	3/1/2013	\$1,448,000				10023
118	10	9986	Eagle Pass	TX0107492	44,329	The City needs to rehabilitate their deteriorating collection system and improve their existing lift station to resolve problems related to reliability and maintenance. The City is proposing to expand and reahbilitate an existing lift station to increase it's reliability and rehabilitate the deteriorating collection system. The City is proposing to replace/rehabilitate manholes and collection system piping.	IIIB	PDC	11/1/2014	\$17,939,941				
94	15	10088	Early	TX0047040	2,768	The City current contracts with the City of Brownwood for wastewater treatment and desires to establish their own wastewater treatment and effluent reuse capabilities. The City is proposing to construct a new wastewater treatment facility consisting of treatment lagoons and disposal of effluent by irrigation.	I	PADC	9/1/2015	\$10,250,000				
92	15	9953	Edgewood	TX0023710	1,441	The City needs to replace their deteriorated collection system. The City is proposing to replace collection system lines, manholes, and lift stations to address issues with their deteriorated system.	IIIB	PDC	9/1/2014	\$1,472,250				
123	0	10273	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.	I	PDC	9/1/2014	\$166,800				

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95	15	10009	El Campo	TX0021474	11,602	The City desires to begin planning and design for beneficial reuse of their wastewater treatment plant effluent. The City is proposing to complete planning and design to implement a beneficial reuse of effluent. They will more fully identify alternatives, permit requirements, advanced treatment, etc. and then design the necessary components to implement the project. The City also is proposing to add additional sludge dewatering capabilities.	I	PD	1/1/2015	\$150,000		BC	\$60,000	
31	55	10074	Electra	TX0026964	2,816	The City needs to convert their WWTP to a no discharge plant to address TCEQ violations. The city is proposing to add an effluent holding pond and center pivot irrigation system for disposal of effluent.	I	PADC	7/1/2015	\$1,750,000				10075
78	21	10075	Electra	TX0026964	2,816	The City needs to extend wastewater service to approximately 20 households and install approximately 24,000 feet of gravity sewer to eliminate failing lift stations. The City is proposing to add collection system to allow the addition of approximately 20 households to their wastewater service system. The City is proposing to add approximately 24,000 feet of gravity sewer to eliminate 10 failing lift stations. The City may add emergency generators to existing lift stations.	IIIB, IVA	PDC	7/1/2015	\$4,165,000			\$4,165,000	
46	45	10001	Elsa	TX0104990	5,660	The City needs to upgrade and rehabilitate their existing wastewater collection system. The City needs to upgrade/rehabilitate at least 3 lift stations and two force mains within the system. The City also needs to rehabilitate/replace approximately 14,344 feet of approximately 50 year old vitrified clay piping within the system to reduce infiltration/inflow. The City is proposing to upgrade 3 existing lift stations with new pumps, motors, piping, valves, electrical and controls, emergency generators, etc. to bring the lift stations into compliance with TCEQ regulations. The City is also proposing to replace two sections of force main and approximately 14,344 feet of deteriorated lines. The City will conduct Sanitary Sewer Evaluation Studies, including cleaning and televising, to determine which sections of the lines need to be replaced.	IIIA, IIIB	PDC	8/1/2014	\$3,322,500	30	BC	\$270,000	

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106	11	10251 ¹	Falfurrias		4,885	Improvements to the Falfurrias Utility Board (FUB)'s wastewater collection system are required to satisfy and comply with TCEQ wastewater regulations for conveyance and treatment. 7 out of 11 lift stations are constantly breaking down and unreliable. The lift stations are known as Ranchito, Swimming Pool, Magnolia, Whistler, Bradley, Warehouse, and Nate. The FUB is proposing to rehabilitate 7 out of 11 lift stations in their collection system. The improvements include all new pumps, motors, piping, valves, electrical panels with transfer switches for portable generators, and fencing. These improvements will be constructed within the existing facilities.	IIIB	PDC	3/1/2012	\$1,182,606	30			
107	11	10252 ¹	Falfurrias		4,885	Falfurrias Utility Board (FUB) recognizes that immediate improvements are required for the City's wastewater collection system to comply with TCEQ wastewater regulations for conveyance and treatment. Their collection system suffers from line breaks and infiltration/inflow. This project will replace 9,250 feet of vitrified clay sewer line with 8-inch PVC and replace 13,300 feet of force main with 2,500 feet of 6-inch and 10,800 feet of 12-inch PVC force main.	IIIB	PDC	3/1/2012	\$1,521,577	30			
126	0	10028	Gladewater	TX0022438	6,842	Repair and/or replacement of failing units are necessary at the City's existing Wastewater Treatment Plant (WWTP). The upgrades consist of repair and/or replacement of failing units and installation of new sludge management equipment and WWTP SCADA.	I	PDC	1/1/2015	\$2,403,000		BC	\$504,630	
45	45	9958	Glen Rose	TX0033316	2,592	To ensure compliance with the 75/90 rule in 2040, the City proposes an expansion of their WWTP from 0.60 to 1.0 MGD (Peak Flow of 3.0 MGD). Also, the City proposes to upgrade their WWTP's 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. The project also includes land application of the effluent on adjacent property.	I, II	PDC	6/1/2014	\$8,901,000		BC	\$3,000,000	

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57	40	10069	Graford	TX0104752	830	The City's Wastewater Treatment Plant (WWTP) has failed to comply with permitted effluent limits, and impacts a water body listed in a Watershed Protection Plan that has been accepted by the TCEQ. Reconstruction of the City's existing facultative lagoon and stabilization ponds, installing a sludge removal facility, installing aeration equipment and associated appurtenances. The phases of the project would include planning, acquisition, design, and construction.	I	PDC	5/1/2014	\$375,000		BC	\$375,000	
115	10	9980	Grand Saline	TX0027545	3,172	The problems at the wastewater treatment plant include significant amounts of equipment at the plant area in excess of 30 years old that have become unreliable and costly to maintain. Expand the City's WWTP from 0.54 to 0.8 MGD. The treatment system is also being modified to provide a more stable treatment operation to reduce permit limit excursions and to allow hydraulic expansion of the facility.	I, II	PDC	11/1/2014	\$4,613,500	30			9984
116	10	9984	Grand Saline	TX0027545	3,172	The City's existing sanitary sewer lines require replacement due to their poor condition and location in low lying areas which are known sources of infiltration and inflow. The proposed project consists of the replacement of various 10-inch, 8-inch, and 6-inch diameter sewer lines in the collection system.	IIIA	PDC	11/1/2014	\$1,466,700	30			9980
128	0	9917	Greater Texoma UA	TX0022357	15,984	GTUA - City of Gainesville (City) is proposing rehabilitation projects for their wastewater treatment plant. The City is seeking planning, design, and construction funding for the implementation of Master Plan rehabilitation projects to the wastewater treatment plant to include SCADA system implementation, removal of primary clarifier equipment, removal of trickling filters and trickling filter pump station, installation of a new 4.0 MGD SBR system, upgrade to UV disinfection, demolition and removal of abandoned structures, backup generator and yard lighting, and other appurtenances as necessary to implement the projects.	II	PDC	3/1/2015	\$10,968,216				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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129	0	9918	Greater Texoma UA	TX0024325	43,199	GTUA - City of Sherman (City)'s existing sewer is deteriorated and has severe infiltration problems. Also, the line needs to be upsized due to capacity problems. The City is seeking the planning, design and construction funding for replacment of approximately 4,200' of existing 12" sewer and approximately 5,260' of existing 18" sewer with new 18" sewer main.	IIIB	PDC	5/1/2014	\$635,697				
130	0	9919	Greater Texoma UA	TX0024325	43,199	GTUA - City of Sherman (City) is proposing to ascertain optimum process for nitrogen and phosphorus removal, reconstruction of headworks that has deteriorated and requires replacement, and replacement of sensors and control elements with more reliable components to upgrade UV disinfection system, which is 10 years old. The City is seeking the planning, design and construction funding to complete engineering study to ascertain optimum process for nitrogen and phosphorus removal, reconstruction of headworks that has deteriorated and requires replacement, and replacemnet of sensors and control elements with more reliable components to upgrade UV disinfection system, which is 10 years old. Newer, more capable and reliable sensors and controls will restore and improve UV system performance.	II, IIIB	PDC	4/1/2014	\$7,168,704				
80	20	10077	Greater Texoma UA	TX0026883	3,056	GTUA - City of Van Alstyne (City) is proposing the rehabilitation of the wastewater treatment plant. The City is seeking planning, design and construction funding for the rehabilitation of the wastewater treatment plant.	IIIB	PDC	3/1/2014	\$333,824				
81	20	10078	Greater Texoma UA	TX0026883	3,056	GTUA - City of Van Alstyne (City)'s sewer lines are deteriorated and in need of replacement. The City is seeking planning, design and construction funding for the replacement of sewer lines throughout the City.	IIIB	PDC	3/1/2014	\$1,364,753			\$500,000	
9	80	10041	Gustine	TX0117722	447	The City of Gustine (City) is proposing the improvements to the existing wastewater treatment plant. The improvements include the complete modification to the aeration basins and clarifiers.	I	PDC	5/31/2014	\$450,000	30	BC	\$450,000	
55	41	10111	Harris Co MUD # 148	TX0131482	3,736	Harris County MUD No. 148 (District)'s existing facilities are over 30 years old. The District is requesting the planning, acquisition, design and construction funds to replace lift stations with updated controls and electrical systems, and add generators.	IIIB	PADC	1/1/2014	\$2,241,600				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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47	45	9923	Harris Co WCID # 36	TX0025062	10,977	HARRIS COUNTY W.C.I.D. NO. 36 (D-36) owns a wastewater collection/pumping system that flows to a WWTP operated by HC-FWSD No.51(D-51), and D-36 is contracted 21% of this system and that plant is approaching capacity and will require expansion. D-36 is requesting the planning, design and construction funds to build a new 2.0 MGD wastewater treatment plant which is located in an industrial/commercial area. It is probable that the effluent can be incorporated in a significant reuse program for commercial/industrial uses.	I, II	PDC	12/31/2013	\$10,556,537	30		\$500,000	
7	86	9952	Houston		2,145,146	The City of Houston (City) needs to rehabilitate and replace wastewater collection systems citywide. The project is required by TCEQ agreed order to reduce sanitary sewer overflows and infiltration and inflow. The project includes sanitary sewer cleaning and televising in support of rehabilitation and replacement/rehabilitation by slip lining, pipe bursting, and cured-in-place methods. Also, the City intends to purchase six vacuum trucks.	IIIA, IIIB	C	3/1/2014	\$51,900,000				
83	20	9939	Hudson	TX0068985	4,731	The City of Hudson (City)'s existing Treatment Plant was constructed in 1978 and has reached its useful service life. Most mechanical equipment has been replaced multiple times and the concrete structures are deteriorating. The facility has historically met permit requirements but has problems with solids removal and handling I/I contribution under present loading conditions. The City is requesting the planning, design and construction funds to replace the existing Wastewater Treatment Plant.	I	PADC	6/1/2015	\$4,294,900				
16	70	10022	Huntington	TX0053422	2,119	The City of Huntington (City) needs to rehabilitate the existing wastewater treatment plant. Proposed improvements will bring the WWTP back into compliance with TCEQ regulations and eliminates an additional treatment facility by combining flow from Lufkin Industries. The project includes constructing new clarifiers and a chlorine contact chamber; and expansion of 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.	I, IVB	PDC	1/1/2015	\$2,265,000	50			

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84	20	10067	Hutto		14,698	The City of Hutto (City)'s existing WWTP is expected to reach full capacity in 2015. The City is requesting the planning, design and construction funds to construct a new 2 MGD wastewater treatment plant.	I	PDC	5/1/2014	\$14,478,000				10274
85	20	10274	Hutto	TX0025577	14,698	The City needs to redesign the trunk main to feed the Brushy Creek WWTP. The city will either upgrade the Enclave Lift Station and construct a new force main or construct a new 42 inch diameter interceptor sewer line to transport flows to the Brushy Creek WWTP.	IVB	PDC	7/1/2014	\$6,222,000				10067
5	91	10239	Ingram		2,909	An unserved area needs sewer collection services. Project includes construction of new interceptors.	IVB	PDC	8/1/2012	\$1,229,434				
29	56	10027	Jefferson	TX0024902	1,920	The City of Jefferson's (City) proposed project includes first-time sanitary sewer service to an area in the Northeast quadrant of City and also includes rehabilitation of sanitary sewer lines in the downtown area of Jefferson. At this time the City is requesting PAD funding for the following project: the first time sewer service to an area in the Southern section of City, also includes rehabilitation of sanitary sewer lines in the downtown area of Jefferson. Construction funding will be requested upon completion of PAD activities. The area was designated as a service priority in the September 2002 Water and Wastewater Study (TCDP Contract No.721084).	IIIB, IVA	PADC	1/1/2015	\$2,968,625	30			
4	93	10240 ¹	Kerr County		2,613	A new wastewater collection system to provide first time service for the Center Point community and a corridor along SH 27. Collected wastewater will be transferred to Kendall Co WCID # 1 (Comfort) for treatment.	IVA	ADC	8/1/2012	\$23,459,446				
96	15	10138	Kerrville	TX0047333	22,263	The City of Kerrville (City) is proposing to construct a 13.5 million gallon pond at the City's existing WWTP, to store treated effluent for reuse purposes. The City is requesting the planning and design funds to construct a 13.5 million gallon pond at the City's existing WWTP, to store treated effluent for reuse purposes. Pond construction would involve excavation and berming.		PDC	11/1/2014	\$3,248,282			\$3,248,282	
97	15	10241	Kyle	TX0119466	29,293	Expand WWTP from 3 to 4.5		PDC	6/1/2013	\$4,250,000				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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32	55	10014	La Feria	TX0128112	7,405	The city needs to implement Type I reuse system to reduce dependence upon water supplies. The City is proposing to complete the planning, design, and construction of a Type I reuse system.	X	PDC	9/30/2014	\$1,651,815	30	BC	\$1,651,815	
37	51	10101	La Joya	TX0127337	224	The City needs to add first time sanitary collection system to the Havana Area due to failing on-site sewage facilities. The City proposes to install sanitary sewer collection system, complete with manholes, connections, lift station (s), and force mains to serve the Havana area. The City estimates 164 connections to the collection system will replace failing on-site sewage facilities.	IVA	PDC	6/1/2014	\$3,689,345	30			
60	40	10103	La Joya	TX0127337	3,944	The City needs to plan and design upgrades to their existing collection system. The City proposes to upgrade their existing collection system to allow the connection of households within the City that currently use on-site septic systems.	IIIB	PDC	6/1/2014	\$5,249,805	30		\$2,941,277	10100
127	0	9926	Liberty	TX0074284	8,397	The City need to improve the deteriorated collection system to address infiltration/inflow. The City is proposing to rehabilitate the existing collection system to address infiltration/inflow in response to a TCEQ agreement.	IIIA	PDC	11/1/2014	\$639,000				
77	21	10070	Lone Oak	TX0100021	698	The city needs to install a new lift station and collection lines to unserved areas. They also need to rehabilitate an existing lift station by replacing older pumps. The proposed project consists of installing sanitary sewer line and a new lift station to serve 12 unserved connections within the City's CCN area. The City proposes to replace older lift station pumps at an existing lift station feeding the wastewater treatment plant.	IIIB, IVA	PDC	6/1/2014	\$500,000	30		\$500,000	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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51	42	9956	Los Fresnos	TX0091243	5,391	The City needs to rehabilitate their existing collection system, including lift stations and piping. The City needs to extend sewer collection system to the eastern areas of the City and add emergency generators to existing lift stations. The City is proposing to rehabilitate existing lift stations and add emergency generators with new controls. The City is also proposing to extend sanitary sewer collection system to eastern areas of the City and rehabilitate older deteriorated clay pipes that contribute to infiltration/inflow within the City. The City plans to prepare an asset management plan.	IIIA, IIIB, IVA	PDC	10/21/2014	\$8,178,239	30			
90	17	10110	Marble Falls		6,077	The City needs to expand their effluent reuse system to include irrigation of public parks within the city. The city is proposing to expand their effluent reuse system to provide irrigation within city owned parks as part of a city wide initiative to reduce the demand upon the City's water treatment system.	I	PDC	10/1/2013	\$1,285,000		BC		
67	31	10136	Marshall	TX0021784	23,399	The City needs to plan for the rehabilitation of the existing wastewater treatment plant and develop an asset management plan. The City is requesting planning and design funds for the rehabilitation of their existing wastewater treatment plant, including digesters and Bio Filter towers. The City proposes to complete an asset management plan.	I, II	PDC	5/15/2015	\$3,673,700				
68	31	10137	Marshall	TX0021784	23,399	The City needs to rehabilitate the existing East End Lift Station. The City is proposing to rehabilitate their deteriorated, aged East End Lift Station and add an emergency power source to the Lift Station.	IIIB	PDC	5/15/2015	\$1,679,300		BC	\$375,000	
64	32	10140	McAllen	TX0047449	133,756	The City needs to construct improvements to their south Wastewater Treatment Plant. The City is proposing to construction upgrades to several components at their existing south WWTP, including improvements to the aeration system, digesters, return activated sludge pumps, controls, electrical, and other plant components currently under review.	I, II	C	6/1/2014	\$48,735,000		BC	\$24,904,000	
28	57	10242 ¹	McAllen	TX0133841	129,877	The City of McAllen needs to plan and design an extension of their sanitary sewer collection system into the unserved western edge of their service area. Construct a 24 to 48-inch trunk sewer that will convey wastewater from unsewered areas.	IVB	PADC	5/1/2013	\$22,200,000	30			9440

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122	0	10071	Moran		207	The City needs to rehabilitate/replace deteriorated collection system piping to address inflow/infiltration. The City is proposing to replace deteriorated collection system piping to address I/I within the system.	IIIA	PDC	5/1/2014	\$365,000			\$365,000	
121	1	10006	Moulton	TX0053287	944	The city needs to complete a comprehensive review of their existing wastewater system and develop a minimum 5 year asset management plan to prioritize replacement, rehabilitation, and upgrades of the wastewater system. The city is proposing to complete an asset management plan based upon information obtained through in-depth evaluation of the sewer collection lines, manholes, collection system, and lift stations by completing a Sanitary Sewer Evaluation Study. The City also proposes to complete planning and review of existing ordinances relating to the sanitary sewer system and rates necessary to maintain the system.		PD	12/1/2013	\$92,800				
73	25	10109	Olney	TX0024261	3,261	WWTP effluent reuse project. The City proposes to install a lift station and a force main to redirect the WWTP discharge to Lake Olney.	I, II	PDC	5/1/2014	\$2,520,000	30	BC	\$1,705,000	
105	11	10243 ¹	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.	I, II	PDC	9/1/2013	\$2,591,424				
66	31	9954	Paradise ISD	TX0103446	1,275	The District needs to increase the capacity of their existing wastewater treatment facility to enable treatment for additional students within the system and possible additional service to the surrounding town. The District is proposing to complete planning to expand their existing wastewater treatment plant to accommodate growth of the school district and possibly supply treatment to surrounding residential connections. The planning will be followed by design of the chosen alternative.	I	PD	1/1/2014	\$282,000				

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20	70	10081	Pearland	TX0117501	100,390	The City's Far Northwest Wastewater treatment plant has reached the 75% capacity level for several months and the City needs to begin planning and design for expansion. The City is proposing to complete planning and design phases for a future expansion of the Far Northwest Wastewater Treatment plant to meet TCEQ criteria and meet the needs of the rapidly expanding northwest Brazoria County area.	I, II	PD	12/1/2014	\$3,000,000				
62	35	10037	Pecos City		8,657	The entity is completing an SSO plan for its sewer system. Replacement of the aged and deteriorated sewers to reduce I/I.	IIIA	DC	9/2/2013	\$2,875,000	30	BC	\$2,875,000	
58	40	10005	Petersburg		1,202	The City is actively under an enforcement order for the violations at the WWTP, which has not been signed by the city. Construct a new facultative lagoon and storage pond with irrigation system to address the compliance issues.	I	PDC	8/22/2014	\$1,642,991	30			
41	51	10115	Pharr	TX0062219	70,400	Sanitary overflows. Eliminate three (3) - five (5) lift stations and install deep gravity sewer lines that range from 20-inch - 36-inch in diameter.	IVB	PC	5/15/2014	\$13,201,640	30			
69	31	10002	Port Arthur	TX0047589	53,937	The existing WWTP was originally constructed in the mid 1960's. As a result, the WWTP is approaching the end of its reasonable life span although certain improvements and upgrades were made in the past. Expansion and replacement of the existing WWTP from 9.2 MGD to 15 MGD. The existing WWTP will be abandoned after the completion of the proposed WWTP.	I	PDC	2/6/2015	\$87,188,325			\$77,211,375	
13	75	10244 ¹	Ranger	TX0118702	2,568	The City of Ranger is currently under TCEQ enforcement for failing to meet permitted effluent limits and failing to submit effluent monitoring results at its existing mechanical wastewater treatment plant. 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" forcemain would deliver wastewater.	I	PADC	7/1/2012	\$4,320,079	50		\$4,320,079	9126

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26	60	10135	Rio Hondo	TX0027782	2,356	The City needs to upgrade it's 1950's era sanitary sewer collection system to address inflow/infiltration and deterioration. The City is proposing to replace 1950's era sanitary sewer collection pipe, failing brick manholes, and failing lift stations to address I/I and operational issues.	IIIA	PDC	7/15/2014	\$4,077,636	50		\$3,573,241	
12	75	10276	Rio Hondo	TX0027782	2,361	The City needs to develop an effluent reuse program to supplement their raw water supply. The City is proposing to construct a wetlands effluent treatment and effluent re-use system to allow the City to pump their effluent into the raw water ponds for use as a water source.	II, X	PDC	7/15/2014	\$1,310,703	30		\$1,310,702	
8	86	9970	Robstown	TX0020389	5,250	Deteriorated and inadequate capacity of the sewer pipes. Replacement of approximately 30,187 LF of 6-inch to 24-inch sewer lines.	IIIB	PDC	11/1/2013	\$3,857,706	30			
133	0	9940	San Antonio Water System	TX0077801	1,517,000	The C-5: Culebra and Castroville to Laredo and C-28: Zarzamora Creek- San Gabriel to NW 23rd Street projects consist of the conditioning and hydraulic assessment of the existing wastewater gravity mains consisting of approximately 26,000 linear feet of 8-inch to 36-inch water mains, the rehabilitation or replacement of mains and the removal of existing siphons will improve the overall system operation. The projects are required to improve the wastewater flow through the south central part of the city, upgrade the capacity to accommodate increased flow volumes, and eliminate or rehabilitate structures that are causing system degradation.	IIIB	C	3/1/2014	\$7,575,800				
134	0	9941	San Antonio Water System	TX0077801	1,517,000	The project area is identified as having capacity constraints and has experienced multiple reported sanitary sewer overflows since 2003. The wastewater hydraulic model also predicts overflows to occur in this area given the estimated flows and current infrastructure. In addition to capacity, some of the infrastructure in this area requires rehabilitation due to existing conditions. The project consists of a total of approximately 23,000 linear feet of 21-inch and 24-inch wastewater mains.	IIIB	D	3/1/2015	\$1,484,512				

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135	0	9942	San Antonio Water System	TX0077801	1,517,000	The existing sewer mains are in poor condition due to deterioration and currently lack sufficient capacity to withstand future flows due to growth and during peak storm events. Additionally, this project is located in a heavily congested area of downtown San Antonio making construction very difficult. Replacement of approximately 7,500 linear feet of existing 60-inch gravity sewer mains along North Alamo Street from Josephine Street to Elm Street.	IIIB	C	3/1/2014	\$11,538,700				
136	0	9943	San Antonio Water System	TX0077801	1,517,000	The sewer mains are in poor condition due to deterioration and currently lack sufficient capacity to withstand future flows due to growth and during peak storm events. Additionally, due to location of existing gravity sewer pipes behind the Olmos Dam this area is believed to be a major source of infiltration and inflow. Replacement of approximately 7,000 linear feet of existing gravity sewer mains with 24-inch, 48-inch, and 54-inch gravity sewer mains within the San Antonio Olmos Basin area.	IIIB	C	3/1/2014	\$15,496,600				
137	0	9944	San Antonio Water System	TX0077801	1,517,000	Project includes rehabilitation and construction. The "E-16-Wurzbach-Blanco to Nakoma" project consists of a total of approximately 19,000 linear feet of 8-inch, 12-inch, 15-inch, 18-inch, 21-inch, 27-inch, 30-inch, and 36-inch wastewater mains. The project will construct a 36-inch, 30-inch, 27-inch, 21-inch, 18-inch, and 15-inch gravity main the Eastern Basin along Salado Creek between Jones Maltsberger Road and Blanco Road; and a 12-inch and 18-inch gravity main along Rhapsody between Highway 281 and W. Silversands.		D	3/1/2016	\$1,567,648				
138	0	9945	San Antonio Water System	TX0077801	1,517,000	The sewer mains need replacement due to sags, deterioration, soil movement and to bring the system into compliance with SAWS standards. This project will reduce SSOs in the area. This project replaces approximately 60,000 linear feet of 8 to 24-inch sewer mains.	IIIB	C	3/1/2014	\$9,507,394				

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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2 Land acquisition is eligible for CWSRF funding only if it is integral to, or is used in connection 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 excludes land for WWTP sites, easements, etc.

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
139	0	9946	San Antonio Water System	TX0077801	1,517,000	SAWS has identified sewer pipelines that have experienced sanitary sewer overflow and need to be rehabilitated at a cost of \$55.7 million, and is completing design on those pipelines. The 2014 Sanitary Sewer Overflow Reduction Project will continue identifying and rehabilitating sewer pipelines that are likely to result in sewer overflows. SAWS has developed a sewer pipeline asset management plan, and the sewer pipelines are prioritized by frequency of overflows. Most of the flow in these sewer lines is treated at the Dos Rios plant, while some flow is treated at the Leon Creek or Medio Creek plants.	IIIB	C	3/1/2014	\$55,739,850				
140	0	9947	San Antonio Water System	TX0077801	1,517,000	SAWS has identified sewer pipelines that have experienced sanitary sewer overflow and need to be rehabilitated at a cost of \$21.5 million dollars and is completing the design of those pipelines. The 2014 Sanitary Sewer Overflow Rehabilitation Project will rehabilitate the pipelines that have a completed design. SAWS has developed a sewer pipeline asset management plan, and the sewer pipelines are prioritized by frequency of overflows. The most critical projects are rehabilitated first. Most of the flow in these sewer lines is treated at the Dos Rios plant, while some flow is treated at the Leon Creek or Medio Creek Plants.	IIIA	C	3/1/2014	\$21,492,400				
99	15	9948	San Antonio Water System	TX0052639	1,517,000	The outfalls within this project are in poor condition due to deterioration and lack of sufficient capacity to handle future sewer flows due to growth and during peak storm events. This project proposes to replace approximately 2 miles of 54-inch sanitary sewer main and siphon. This project was identified in the Comprehensive Wastewater Master Plan developed by the SAWS Master Planning Division.	IIIA	C	3/1/2014	\$11,788,000				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
141	0	9951	San Antonio Water System	TX0077801	1,517,000	System rehab project. This project includes improvements to 4 of the 8 anaerobic digesters at the Dos Rios WRC, including the cleaning of the digesters, repair of digester dome seams and liners, replacement of the existing draft tube mixers with pump-mix system, replacement of the dome hatches and man-ways, dome pressure/vacuum relief assemblies and three-way valves, and replacement of existing digester gas meters and temperature probes. Electrical, instrumentation and control improvements will also be implemented. Phase III of the project will provide the above improvements for Digester Nos. 5 thru 8. The funding is requested for the Phase III design.	I, II	D	3/1/2015	\$1,040,870		BC	\$900,000	
88	20	10245	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. The SSO reduction project will continue identifying and rehabilitating lines.	IIIB	C	4/1/2013	\$43,682,751				
89	20	10246	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. The SSO rehabilitation project will rehabilitate 34 of the 51 miles with completed design.	IIIB	C	2/15/2013	\$23,967,700				9879
56	41	9968	San Juan	TX0057592	34,872	Certain areas are currently served by the septic tanks and cesspools. Extend the sewer collection system to the unserved area.	IVA	PDC	1/1/2014	\$1,737,000				9974
70	30	9974 ¹	San Juan	TX0057592	34,872	The collection system is over loaded and the lift stations have pumping problems. Replacement, elimination, enlargement, and rehabilitation of six (6) lift stations and construction of new force main.	IIIB	C	1/1/2014	\$5,200,000				
110	10	10021	Santa Anna		1,009	Received a notice of violation from TCEQ regarding the liner of the facultative pond. Removal and replacement of the existing eathen pond liners to meet TCEQ requirements.	I	PDC	9/1/2015	\$1,800,000	30			
109	10	10055	Strawn		632	Aged and deteriorated collection lines. Replacement of collections lines to reduce inflow and infiltration.	IIIA	PDC	5/1/2014	\$405,000		BC	\$405,000	
91	15	10107	Upper Leon River MWD	TX0122203	255	Excessive molybdenum in sludge, making it unlawful to land apply. Install industrial pretreatment and improve sludge handling.	I, II	PDC	9/1/2014	\$847,000	30			

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
11	76	10007	Vinton	TX0087149	2,423	The City does not have a centralized wastewater collections system and residents currently use on-site sewage facilities. Installation of centralized wastewater collection system.	IVA	DC	1/2/2015	\$20,927,517	70			
79	20	10010	Weinert	TX0055204	158	Excess algae in WWTP ponds, and the pumps of two lift stations need to be replaced. Installation of aerators to the WWTP ponds and replacement of the pumps with grinder pumps.	I	PDC	6/2/2014	\$215,700				
22	66	9930	Weslaco	TX0052787	35,670	Additional treatment capacity to treat scalping wastewater flows. Construct two new WWTPs, and the treated effluent will be used to irrigate the City's parks.	X	PDC		\$1,156,600		BC	\$1,156,600	
40	51	9932	Weslaco	TX0052787	35,670	Unserviced area needs sewer collection services for approximately 200 connections. Extend the sewer collection system to unserved areas and eliminate or decommission the septic systems.	IVA	PDC		\$1,945,000				
43	48	9933	Weslaco	TX0052787	35,670	Inadequate WWTP capacity. Rehabilitation and expansion of the existing WWTP. However, the scope of work will also depend on the WWTP Master Plan study, which will determine whether the expansion is needed.	I, II	C		\$31,885,660		BC	\$3,086,922	
10	77	9935	Weslaco	TX0116394	35,670	City needs to develop a wastewater master plan to align to its comprehensive land use plan. Master planning including asset management plan and possible expansion and upgrading of collection lines, and identifying alternative technology factors for the improvements of SWWTP.		P		\$676,890				
108	11	9937	Weslaco	TX0052787	35,670	City needs to develop a wastewater master plan to align to its comprehensive land use plan. Master planning including asset management plan and possible expansion and upgrading of collection lines, and identifying alternative technology factors for the improvements of NWWTP.		P		\$677,090				
21	68	9938	Weslaco	TX0116394	35,670	Inadequate WWTP capacity. Rehabilitation and expansion of the existing WWTP from 2.5 MGD to 5.0 MGD. However, the scope of work will also depend on the WWTP Master Plan study, which will determine whether the expansion is needed.	I, II	C		\$45,912,871			\$1,181,359	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
52	41	10346	West	TX0020451	2,807	The City needs to replace approximately 1,600 feet of deteriorated wastewater trunk main. The City is proposing to replace approximately 1,600 feet of deteriorated, under sized wastewater trunk main with new pipe.	IIIB	PDC	6/1/2014	\$423,200	30			10345
53	41	10347	West	TX0020451	2,807	The City of West needs to replace approximately 4,800 feet of deteriorated, damaged sanitary sewer and manholes to prevent inflow, infiltration, and exfiltration. The City proposes to replace 4,800 feet of sanitary sewer collection system including manholes and appurtenances with new pipe.	IIIB	PDC	6/1/2014	\$975,250	50			10344
54	41	10348	West	TX0020451	2,807	The City needs to replace approximately 25,00 feet of sanitary sewer, manholes, two lift stations, and force mains to address I/I. The City proposes to replace 24,300 feet of gravity sanitary sewer; manholes; two lift stations, and approximately 750 feet of force main to address I/I issues within the system.	IIIB	PDC	6/1/2014	\$3,281,320	30			10343
3	101	10349	West	TX0020451	2,807	The City needs to expand their wastewater treatment capacity. The City proposes to construct a new headworks; a 0.45 mgd expansion of their wastewater treatment capacity; and new disinfection facilities.	I, II	PDC	6/1/2014	\$3,859,500	30			10340
113	10	10019	West Tawakoni	TX0064513	1,616	I/I issues caused by deteriorated and aged sewer lines. Smoking testing to identify the areas that have been causing I/I, and rehabilitation will be performed accordingly.	IIIA	PDC	5/1/2014	\$1,942,500	30	BC	\$1,942,500	
27	60	10250 ¹	West Tawakoni	TX0064513	2,601	The City received an enforcement order for violations of certain permitted parameters in the effluent. Rehabilitate and upgrade the City's WWTP.	I, II	PDC	5/1/2012	\$3,022,500	50			10019
74	25	10073	Willow Park	TX0099732	3,885	Inflow and infiltration caused by the aged and deteriorated sewer collections and manholes. Replacement of the sewer lines and manholes.	IIIA	PDC	5/1/2014	\$596,000		BC	\$596,000	
14	72	10311 ¹	Wimberley		580	Failing septic systems. Construct a collection system (other project) and a WWTP.	I	C	5/1/2013	\$4,456,800		BC	\$4,840,457	9755,9756
49	42	10312 ¹	Wimberley		580	Failing septic systems. New collection system to a new WWTP (other project).	IVA, IVB	C	5/1/2013	\$2,527,440			\$3,208,005	9754,9756

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis- advantaged	Green Type	GPR	Related PIF #'s
44	46	10313 ¹	Wimberley		580	Failing septic systems. Construct a collection system (other project), WWTP (other project) and sprayfield for effluent disposal.	I	C	5/1/2013	\$480,000		CE	\$635,544	9754,9755
114	10	10093	Winters		2,280	(1) The dilapidated piping experiences severe I/I issues. (2) Aged manholes have been collapse causing line blockage. (3) Upstream improvements of main lift station. (1) Rehabilitation of sewer lines. (2) Rehabilitation of manholes. (3) Installation of a mechanical screen to remove debris to protect lift station pumps.	IIIA	PDC	12/1/2014	\$2,053,000	30	BC		
111	10	9921	Wolfe City	TX0023558	1,412	Aged and deteriorated collection system Replacements of aged collections lines, manholes, and lift stations.	IIIB	PDC	9/1/2014	\$1,000,000	30			
Totals		141								1,140,410,448	52	33	\$187,583,214	
Nonpoint Source														
6	45	10308 ¹	Aqua WSC		3,102	First time sewer collection system for the remaining portions of the Stony Point Subdivision in western Bastrop County.		C	7/1/2012	\$1,462,043	70			
4	60	10120	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.	IVA	C	6/1/2014	\$3,261,400				
5	50	10128	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.	IVA	C	6/1/2014	\$2,468,916				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
2	72	10314 ¹	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	1/10/2014	\$4,380,000	70			9829
3	60	10015	La Feria		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.	VII	PADC	6/30/2014	\$5,273,211	30	BC	\$5,273,211	10014
7	45	10100	La Joya	TX0127337	3,944	Install 60 new 4-inch short and 53 4-inch long sewer service connections.	VII	PDC	1/1/2014	\$528,084	30			,10103
8	30	9971	Olmito WSC	TX0113875	5,843	Expand the WSC's collection system in two areas to provide first time service.	IVA	PDC	1/1/2014	\$1,301,500				9979
1	103	10044	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.	VII	PDC	9/1/2014	\$16,875,450				
Totals		8								\$35,550,604	4	1	\$5,273,211	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Appendix H: Alphabetic List of Ineligible Projects

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Appendix H. Alphabetic List of Ineligible Projects

	PIF #	Entity	Project Cost	Ineligible Description
1	10020	Town of Buffalo Gap	\$4,400,000	The Town has received funding from USDA-RD to complete the proposed project.
2	9979	Olmito WSC	\$1,064,800	Private entities may seek funding for NPS (Sec. 319) and estuary management (Sec. 320) projects only.
3	9949	San Antonio Water System	\$1,844,880	Project includes only funding for acquisition of easements, which is an ineligible cost for POTW (Sec. 212) funding.
4	9950	San Antonio Water System	\$163,802	Project includes only funding for acquisition of easements, which is an ineligible cost for POTW (Sec. 212) funding.

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Appendix I: Projects Ineligible for Disadvantaged Status

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Appendix I. Projects Ineligible for Disadvantaged Status**

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

	PIF	Entity	Project Cost	Ineligible
1	10035	Alba	\$700,617	AAMHI
2	10047	Anson	\$3,900,000	AAMHI
3	9994	Baird	\$3,800,000	AAMHI
4	9996	Baird	\$2,500,000	AAMHI
5	10120	Brownsville	\$3,261,400	HCF
6	10125	Brownsville	\$4,322,000	HCF
7	10126	Brownsville	\$20,389,480	HCF
8	10127	Brownsville	\$31,989,620	HCF
9	10128	Brownsville	\$2,468,916	HCF
10	10129	Brownsville	\$7,869,999	HCF
11	10132	Brownsville	\$25,701,617	HCF
12	10133	Brownsville	\$4,119,000	HCF
13	10149	Brownsville	\$40,479,009	HCF
14	9962	Daingerfield	\$1,500,000	HCF
15	9997	Dilley	\$965,000	AAMHI
16	9999	Dilley	\$1,012,000	AAMHI
17	10023	Domino	\$1,701,000	AAMHI
18	10282	Domino	\$1,448,000	AAMHI
19	10088	Early	\$10,250,000	AAMHI
20	9953	Edgewood	\$1,500,000	AAMHI; HCF
21	10273	Edgewood	\$170,000	AAMHI; HCF
22	10074	Electra	\$1,750,000	AAMHI
23	10075	Electra	\$4,165,000	AAMHI
24	9958	Glen Rose	\$8,161,000	AAMHI
25	10069	Graford	\$375,000	AAMHI
26	10111	Harris Co MUD # 148	\$2,241,600	AAMHI
27	10100	La Joya	\$528,084	HCF

	PIF	Entity	Project Cost	Ineligible
28	10071	Moran	\$365,000	AAMHI
29	10006	Moulton	\$92,800	AAMHI; HCF
30	9971	Olmito WSC	\$1,301,500	FTR
31	10044	Orangefield WSC	\$16,875,450	AAMHI
32	10002	Port Arthur	\$88,483,325	FTR
33	9968	San Juan	\$1,764,600	HCF
34	10055	Strawn	\$405,000	AAMHI; HCF
35	9930	Weslaco	\$1,162,600	FTR
36	9932	Weslaco	\$2,145,000	FTR
37	9933	Weslaco	\$31,885,660	FTR
38	9935	Weslaco	\$676,890	FTR
39	9937	Weslaco	\$676,890	FTR
40	9938	Weslaco	\$45,912,871	FTR
41	10073	Willow Park	\$596,000	AAMHI; HCF
			\$376,810,428	

AAMHI = Adjusted Annual Median Household Income was greater than 75% of the State AAMHI.

HCF = Household Cost Factor did not meet the minimum threshold.

FTR = Entity did not respond to request for additional information needed to make a determination.

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Appendix J: Project Priority List

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Appendix J. Project Priority List**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
POTW														
1	111	9925	Angelina & Neches RA	TX0056154	573	The Authority needs to begin treating sewage from the Redlands Estates subdivision and adjacent areas. The Authority proposes to add and rehabilitate components of their existing North Angelina County Regional Wastewater Treatment facility to allow the plant to accept sewage from Redland Estates and adjacent areas. Redland Estates is under TCEQ agreed order to transfer treatment to the Authority's facility.	I, II	PDC	1/1/2015	\$1,107,500	70			9924
2	111	9924	Angelina Co FWSD # 1	TX0056154	573	The District has entered into an agreement with TCEQ to provide wastewater collection and treatment to the Redland Estates Subdivision and adjacent areas. The subdivision's wastewater treatment plant is non-functional and discharging waste directly into waters that are tributaries to the Angelina River. The District is proposing to install several thousand feet of sanitary sewer collection line, manholes, cleanouts, lift stations, force mains, etc. to complete installation of collection system for the Redlands Estates Subdivision and surrounding areas. Sewage will be transported to North Angelina Co. Regional WWTP for treatment.	IVA	PDC	1/1/2015	\$4,110,000	70			9925
3	101	10349	West	TX0020451	2,807	The City needs to expand their wastewater treatment capacity. The City proposes to construction a new headworks; a 0.45 mgd expansion of their wastewater treatment capacity; and new disinfection facilities.	I, II	PDC	6/1/2014	\$3,859,500	30			10340
4	93	10240 ¹	Kerr County		2,613	A new wastewater collection system to provide first time service for the Center Point community and a corridor along SH 27. Collected wastewater will be transferred to Kendall Co WCID # 1 (Comfort) for treatment.	IVA	ADC	8/1/2012	\$23,459,446				
5	91	10239	Ingram		2,909	An unserved area needs sewer collection services. Project includes construction of new interceptors.	IVB	PDC	8/1/2012	\$1,229,434				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
6	90	10147	Arlington	TX0022802	366,674	The City needs to continue addressing sanitary sewer overflows. The City is proposing to replace pipe in two areas defined within their 2009 Wastewater Master Plan. The City entered into a long range sanitary sewer overflow agreement with Texas Commission on Environmental Quality and the proposed project continues with the plan.	IIIB	C	5/15/2014	\$3,957,600			\$3,957,600	
7	86	9952	Houston		2,145,146	The City of Houston (City) needs to rehabilitate and replace wastewater collection systems citywide. The project is required by TCEQ agreed order to reduce sanitary sewer overflows and infiltration and inflow. The project includes sanitary sewer cleaning and televising in support of rehabilitation and replacement/rehabilitation by slip lining, pipe bursting, and cured-in-place methods. Also, the City intends to purchase six vacuum trucks.	IIIA, IIIB	C	3/1/2014	\$51,900,000				
8	86	9970	Robstown	TX0020389	5,250	Deteriorated and inadequate capacity of the sewer pipes. Replacement of approximately 30,187 LF of 6-inch to 24-inch sewer lines.	IIIB	PDC	11/1/2013	\$3,857,706	30			
9	80	10041	Gustine	TX0117722	447	The City of Gustine (City) is proposing the improvements to the existing wastewater treatment plant. The improvements include the complete modification to the aeration basins and clarifiers.	I	PDC	5/31/2014	\$450,000	30	BC	\$450,000	
10	77	9935	Weslaco	TX0116394	35,670	City needs to develop a wastewater master plan to align to its comprehensive land use plan. Master planning including asset management plan and possible expansion and upgrading of collection lines, and identifying alternative technology factors for the improvements of SWWTP.		P		\$676,890				
11	76	10007	Vinton	TX0087149	2,423	The City does not have a centralized wastewater collection system and residents currently use on-site sewage facilities. Installation of centralized wastewater collection system.	IVA	DC	1/2/2015	\$20,927,517	70			
12	75	10276	Rio Hondo	TX0027782	2,361	The City needs to develop an effluent reuse program to supplement their raw water supply. The City is proposing to construct a wetlands effluent treatment and effluent re-use system to allow the City to pump their effluent into the raw water ponds for use as a water source.	II, X	PDC	7/15/2014	\$1,310,703	30		\$1,310,702	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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13	75	10244 ¹	Ranger	TX0118702	2,568	The City of Ranger is currently under TCEQ enforcement for failing to meet permitted effluent limits and failing to submit effluent monitoring results at its existing mechanical wastewater treatment plant. 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" forcemain would deliver wastewater.	I	PADC	7/1/2012	\$4,320,079	50		\$4,320,079	9126
14	72	10311 ¹	Wimberley		580	Failing septic systems. Construct a collection system (other project) and a WWTP.	I	C	5/1/2013	\$4,456,800		BC	\$4,840,457	9755,9756
15	70	9972	Bevil Oaks	TX0054551	1,274	The City needs to replace or complete major rehabilitation on their existing 33-year old WWTP. The City is proposing to study alternatives and either replace/rehab their existing plant or enter into agreement with the City of Beaumont to accept and treat the sewage.	I, II	PDC	10/1/2014	\$2,352,415				
16	70	10022	Huntington	TX0053422	2,119	The City of Huntington (City) needs to rehabilitate the existing wastewater treatment plant. Proposed improvements will bring the WWTP back into compliance with TCEQ regulations and eliminates an additional treatment facility by combining flow from Lufkin Industries. The project includes constructing new clarifiers and a chlorine contact chamber; and expansion of 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.	I, IVB	PDC	1/1/2015	\$2,265,000	50			
17	70	10048	Comanche	TX0022730	4,320	The City needs to rehabilitate/upgrade their wastewater treatment facility.	II	PDC	4/30/2014	\$1,077,000	30			
18	70	10051	Comanche	TX0022730	4,320	The City needs to replace old, deteriorated sanitary sewer lines to address inflow/infiltration. The City is proposing to replace sewer lines throughout the City to address inflow/infiltration issues.	IIIA	PDC	6/1/2014	\$372,000	30	BC	\$372,000	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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19	70	10097	Cisco	TX0053716	6,066	The City needs to replace and upgrade existing lift stations. The City is proposing to replace two lifts stations and rehabilitate others to meet current TCEQ requirements.	IIIB	PDC	3/1/2015	\$1,272,000	30		\$120,000	
20	70	10081	Pearland	TX0117501	100,390	The City's Far Northwest Wastewater treatment plant has reached the 75% capacity level for several months and the City needs to begin planning and design for expansion. The City is proposing to complete planning and design phases for a future expansion of the Far Northwest Wastewater Treatment plant to meet TCEQ criteria and meet the needs of the rapidly expanding northwest Brazoria County area.	I, II	PD	12/1/2014	\$3,000,000				
21	68	9938	Weslaco	TX0116394	35,670	Inadequate WWTP capacity. Rehabilitation and expansion of the existing WWTP from 2.5 MGD to 5.0 MGD. However, the scope of work will also depend on the WWTP Master Plan study, which will determine whether the expansion is needed.	I, II	C		\$45,912,871			\$1,181,359	
22	66	9930	Weslaco	TX0052787	35,670	Additional treatment capacity to treat scalping wastewater flows. Construct two new WWTPs, and the treated effluent will be used to irrigate the City's parks.	X	PDC		\$1,156,600		BC	\$1,156,600	
23	65	10236 ¹	Brady	TX0034312	5,500	Wastewater collection system and WWTP to provide first time service to residences around Lake Brady with failing septic tanks. Replace the City's WWTP with a 1.5 MGD WWTP capable of advanced treatment and construct an outfall line for discharge into the Lake.	II, IVA	PADC	4/1/2012	\$20,608,500	50	Both	\$5,780,000	9168
24	65	10237 ¹	Brady	TX0034312	5,500	The Brady Lake collection system and reuse transmission facilities of project 10236.	IVA	PADC	4/1/2012	\$8,805,000	30	BC	\$3,000,000	9170
25	63	9966	Agua SUD	TX0125598	1,337	The SUD needs to provide first time collection and treatment to at least 13 subdivisions, colonias, and unincorporated areas North of Sullivan City that currently use on-site sewage disposal methods. The District is proposing to expand first time collection and treatment to approximately: 2,000 feet of force main; 42,000 feet of collection lines; and 323 new connections to address the lack of centralized sewage collection and treatment.	IVA	PDC	9/1/2014	\$6,361,000	70			

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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26	60	10135	Rio Hondo	TX0027782	2,356	The City needs to upgrade it's 1950's era sanitary sewer collection system to address inflow/infiltration and deterioration. The City is proposing to replace 1950's era sanitary sewer collection pipe, failing brick manholes, and failing lift stations to address I/I and operational issues.	IIIA	PDC	7/15/2014	\$4,077,636	50		\$3,573,241	
27	60	10250 ¹	West Tawakoni	TX0064513	2,601	The City received an enforcement order for violations of certain permitted parameters in the effluent. Rehabilitate and upgrade the City's WWTP.	I, II	PDC	5/1/2012	\$3,022,500	50			10019
28	57	10242 ¹	McAllen	TX0133841	129,877	The City of McAllen needs to plan and design an extension of their sanitary sewer collection system into the unserved western edge of their service area. Construct a 24 to 48-inch trunk sewer that will convey wastewater from unsewered areas.	IVB	PADC	5/1/2013	\$22,200,000	30			9440
29	56	10027	Jefferson	TX0024902	1,920	The City of Jefferson's (City) proposed project includes first-time sanitary sewer service to an area in the Northeast quadrant of City and also includes rehabilitation of sanitary sewer lines in the downtown area of Jefferson. At this time the City is requesting PAD funding for the following project: the first time sewer service to an area in the Southern section of City, also includes rehabilitation of sanitary sewer lines in the downtown area of Jefferson. Construction funding will be requested upon completion of PAD activities. The area was designated as a service priority in the September 2002 Water and Wastewater Study (TCDP Contract No.721084).	IIIB, IVA	PADC	1/1/2015	\$2,968,625	30			
30	55	10059	Dell City		383	Dell City needs to expand their ability to land apply effluent produced by the Wastewater Treatment plant to address TCEQ enforcement actions. Dell City is proposing to expand their ability to land apply effluent from approximately 1 acre to approximately 75 acres.	I	PADC	3/1/2015	\$687,613	70			
31	55	10074	Electra	TX0026964	2,816	The City needs to convert their WWTP to a no discharge plant to address TCEQ violations. The city is proposing to add an effluent holding pond and center pivot irrigation system for disposal of effluent.	I	PADC	7/1/2015	\$1,750,000				10075

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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32	55	10014	La Feria	TX0128112	7,405	The city needs to implement Type I reuse system to reduce dependence upon water supplies. The City is proposing to complete the planning, design, and construction of a Type I reuse system.	X	PDC	9/30/2014	\$1,651,815	30	BC	\$1,651,815	
33	55	10149	Brownsville	TX0055484	202,865	The Brownsville Public Utilities Board (BPUB) needs to replace/rehabilitate old, deteriorated sanitary sewer collection system components to address sanitary sewer overflows. The board proposes to replace approximately 61,250 feet of deteriorated wastewater collection system piping, and upgrade/replace approximately 26 lift stations to address sanitary sewer overflows.	IIIA	PDC	6/1/2015	\$40,479,009		BC	\$1,335,807	
34	53	9964	Agua SUD	TX0133841	6,642	Agua Special Utility District needs to expand their collection system to reach areas of the community that have failing on-site septic systems. The District is proposing to install a sanitary sewer collection system to serve areas that are experiencing failing on-site septic systems. The District is proposing to phase the work, with this proposal being Phase I of the Palmview area providing collection to approximately 1,691 connections. Sewage will be treated at WWTP being funded through EDAP project 10365; Planning & Design was funded through EDAP 10365	IVA	C	10/1/2013	\$29,351,692	70			
35	53	9975	Agua SUD	TX0133841	23,666	Agua Special Utility District needs to expand their wastewater treatment plant to provide treatment services for additional connections. The District is proposing expansion of their wastewater treatment plant's capacity from 2.5 mgd to 7.5 mgd to allow the treatment of approximately 5,865 additional connections in the area.	I, II	DC	9/2/2014	\$30,713,500	50			9977
36	53	9977	Agua SUD	TX0133841	23,666	The District needs to extend first time collection service to the second phase of the East EDAP area to address failing on-site sewage treatment facilities. The District is proposing to extend first time wastewater collection to approximately 5,865 connections. The project will include approximately 500,000 feet of collection lines; 44,000 feet of force mains; and 11 lift stations to transport the sewage collected to the treatment plant to be constructed under EDAP funded project #10365 and expanded under PIF 9975.	IVA	DC	6/1/2015	\$62,902,489	50			9975

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37	51	10101	La Joya	TX0127337	224	The City needs to add first time sanitary collection system to the Havana Area due to failing on-site sewage facilities. The City proposes to install sanitary sewer collection system, complete with manholes, connections, lift station (s), and force mains to serve the Havana area. The City estimates 164 connections to the collection system will replace failing on-site sewage facilities.	IVA	PDC	6/1/2014	\$3,689,345	30			
38	51	10025	Cushing	TX0053937	712	The City needs to upgrade/rehabilitate their wastewater treatment plant. The City is proposing to upgrade/rehabilitate their existing WWTP to improve operational performance. The City has been in violation of permit parameters for several months and is under an agreed order. The proposed improvements will include sludge removal/pond cleaning and installation of aerators.	I	PDC	5/1/2015	\$954,203				
39	51	10013	Colorado City		4,121	The City has been cited for untreated discharges and needs to upgrade lift stations, add sewer lines, and emergency generators to address issues with power supply that leads to pump failures. The City is proposing to eliminate several lift stations by installing a gravity sewer to serve the northeast side of the City. The City is also proposing to rehabilitation other lift stations and add emergency generators to provide back-up power. The installation of the gravity sewer will also allow the City to provide sewer service to unserved areas of the City.	IIIB, IVA	PDC	7/1/2015	\$3,800,000	30	BC	\$3,800,000	
40	51	9932	Weslaco	TX0052787	35,670	Unserved area needs sewer collection services for approximately 200 connections. Extend the sewer collection system to unserved areas and eliminate or decommission the septic systems.	IVA	PDC		\$1,945,000				
41	51	10115	Pharr	TX0062219	70,400	Sanitary overflows. Eliminate three (3) - five (5) lift stations and install deep gravity sewer lines that range from 20-inch - 36-inch in diameter.	IVB	PC	5/15/2014	\$13,201,640	30			

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42	48	10094	Acton MUD	TX0105163	8,655	THE MUD needs to expand their treatment plant capacity to accept additional sewage from communities that are currently using failing on-site septic tanks. The MUD is proposing to expand their existing WWTP to allow the treatment of sewage from approximately 740 new connections in the Lake Granbury area. The MUD will expand the treatment plant by adding a new clarifier, a new aeration basin, and necessary components to complete the upgrade.	I, II	PDC	4/1/2015	\$1,775,800			\$169,000	10089
43	48	9933	Weslaco	TX0052787	35,670	Inadequate WWTP capacity. Rehabilitation and expansion of the existing WWTP. However, the scope of work will also depend on the WWTP Master Plan study, which will determine whether the expansion is needed.	I, II	C		\$31,885,660		BC	\$3,086,922	
44	46	10313 ¹	Wimberley		580	Failing septic systems. Construct a collection system (other project), WWTP (other project) and sprayfield for effluent disposal.	I	C	5/1/2013	\$480,000		CE	\$635,544	9754,9755
45	45	9958	Glen Rose	TX0033316	2,592	To ensure compliance with the 75/90 rule in 2040, the City proposes an expansion of their WWTP from 0.60 to 1.0 MGD (Peak Flow of 3.0 MGD). Also, the City proposes to upgrade their WWTP's 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. The project also includes land application of the effluent on adjacent property.	I, II	PDC	6/1/2014	\$8,901,000		BC	\$3,000,000	

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46	45	10001	Elsa	TX0104990	5,660	The City needs to upgrade and rehabilitate their existing wastewater collection system. The City needs to upgrade/rehabilitate at least 3 left stations and two force mains within the system. The City also needs to rehabilitate/replace approximately 14,344 feet of approximately 50 year old vitrified clay piping within the system to reduce infiltration/inflow. The City is proposing to upgrade 3 existing lift stations with new pumps, motors, piping, valves, electrical and controls, emergency generators, etc. to bring the lift stations into compliance with TCEQ regulations. The City is also proposing to replace two sections of force main and approximately 14,344 feet of deteriorated lines. The City will conduct Sanitary Sewer Evaluation Studies, including cleaning and televising, to determine which sections of the lines need to be replaced.	IIIA, IIIB	PDC	8/1/2014	\$3,322,500	30	BC	\$270,000	
47	45	9923	Harris Co WCID # 36	TX0025062	10,977	HARRIS COUNTY W.C.I.D. NO. 36 (D-36) owns a wastewater collection/pumping system that flows to a WWTP operated by HC-FWSD No.51(D-51), and D-36 is contracted 21% of this system and that plant is approaching capacity and will require expansion. D-36 is requesting the planning, design and construction funds to build a new 2.0 MGD wastewater treatment plant which is located in an industrial/commercial area. It is probable that the effluent can be incorporated in a significant reuse program for commercial/industrial uses.	I, II	PDC	12/31/2013	\$10,556,537	30		\$500,000	
48	43	10106	Ballinger	TX0099759	3,671	City needs to expand their wastewater treatment plant and effluent land application system. City is proposing to expand their wastewater treatment plant and effluent land application system to accommodate the reject flows from their Reverse Osmosis water treatment facility.	I	PDC	12/1/2014	\$1,973,000	30	BC	\$1,973,000	
49	42	10312 ¹	Wimberley		580	Failing septic systems. New collection system to a new WWTP (other project).	IVA, IVB	C	5/1/2013	\$2,527,440			\$3,208,005	9754,9756

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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50	42	9962	Daingerfield	TX0027031	2,573	The City needs to upgrade/rehabilitate portions of their wastewater treatment plant to improve treatment to meet current standards. The City is proposing to: rehabilitate a 44 year old clarifier; design and construct a peak flow diversion pump station; design and construct a new chlorine contact basin; and design and construct a new sludge pump station. The rehabilitation will require upgrade in system controls, etc.	I	DC	10/1/2016	\$1,500,000				
51	42	9956	Los Fresnos	TX0091243	5,391	The City needs to rehabilitate their existing collection system, including lift stations and piping. The City needs to extend sewer collection system to the eastern areas of the City and add emergency generators to existing lift stations. The City is proposing to rehabilitate existing lift stations and add emergency generators with new controls. The City is also proposing to extend sanitary sewer collection system to eastern areas of the City and rehabilitate older deteriorated clay pipes that contribute to infiltration/inflow within the City. The City plans to prepare an asset management plan.	IIIA, IIIB, IVA	PDC	10/21/2014	\$8,178,239	30			
52	41	10346	West	TX0020451	2,807	The City needs to replace approximately 1,600 feet of deteriorated wastewater trunk main. The City is proposing to replace approximately 1,600 feet of deteriorated, under sized wastewater trunk main with new pipe.	IIIB	PDC	6/1/2014	\$423,200	30			10345
53	41	10347	West	TX0020451	2,807	The City of West needs to replace approximately 4,800 feet of deteriorated, damaged sanitary sewer and manholes to prevent inflow, infiltration, and exfiltration. The City proposes to replace 4,800 feet of sanitary sewer collection system including manholes and appurtenances with new pipe.	IIIB	PDC	6/1/2014	\$975,250	50			10344
54	41	10348	West	TX0020451	2,807	The City needs to replace approximately 25,00 feet of sanitary sewer, manholes, two lift stations, and force mains to address I/I. The City proposes to replace 24,300 feet of gravity sanitary sewer; manholes; two lift stations, and approximately 750 feet of force main to address I/I issues within the system.	IIIB	PDC	6/1/2014	\$3,281,320	30			10343

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55	41	10111	Harris Co MUD # 148	TX0131482	3,736	Harris County MUD No. 148 (District)'s existing facilities are over 30 years old. The District is requesting the planning, acquisition, design and construction funds to replace lift stations with updated controls and electrical systems, and add generators.	IIIB	PADC	1/1/2014	\$2,241,600				
56	41	9968	San Juan	TX0057592	34,872	Certain areas are currently served by the septic tanks and cesspools. Extend the sewer collection system to the unserved area.	IVA	PDC	1/1/2014	\$1,737,000				9974
57	40	10069	Graford	TX0104752	830	The City's Wastewater Treatment Plant (WWTP) has failed to comply with permitted effluent limits, and impacts a water body listed in a Watershed Protection Plan that has been accepted by the TCEQ. Reconstruction of the City's existing facultative lagoon and stabilization ponds, installing a sludge removal facility, installing aeration equipment and associated appurtenances. The phases of the project would include planning, acquisition, design, and construction.	I	PDC	5/1/2014	\$375,000		BC	\$375,000	
58	40	10005	Petersburg		1,202	The City is actively under an enforcement order for the violations at the WWTP, which has not been signed by the city. Construct a new facultative lagoon and storage pond with irrigation system to address the compliance issues.	I	PDC	8/22/2014	\$1,642,991	30			
59	40	9997	Dilley	TX0117218	1,500	The City needs to rehabilitate their existing lagoon treatment plant. The City proposes to remove and dispose of sludge from the lagoon treatment ponds, install outfall piping, and rehabilitate an existing lift station and piping.	I	PDC	7/1/2014	\$965,000				
60	40	10103	La Joya	TX0127337	3,944	The City needs to plan and design upgrades to their existing collection system. The City proposes to upgrade their existing collection system to allow the connection of households within the City that currently use on-site septic systems.	IIIB	PDC	6/1/2014	\$5,249,805	30		\$2,941,277	10100
61	40	10012	Colorado City		4,121	The City needs to expand their current wastewater treatment plant and disposal via irrigation system. The City is proposing to double the size of their wastewater treatment lagoon facility and disposal by irrigation treatment system.	I	PDC	7/1/2015	\$9,000,000	30			

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62	35	10037	Pecos City		8,657	The entity is completing an SSO plan for its sewer system. Replacement of the aged and deteriorated sewers to reduce I/I.	IIIA	DC	9/2/2013	\$2,875,000	30	BC	\$2,875,000	
63	33	10089	Acton MUD	TX0105163	8,655	The MUD needs to expand their sewer collection system to include several neighborhoods near Lake Granbury which currently have failing septic tanks. The MUD is proposing to install first time sanitary sewer service collection systems to several neighborhoods near Lake Granbury and remove failing on site septic tanks from use.	IVA	PDC	4/1/2015	\$7,751,000				10094
64	32	10140	McAllen	TX0047449	133,756	The City needs to construct improvements to their south Wastewater Treatment Plant The City is proposing to construction upgrades to several components at their existing south WWTP, including improvements to the aeration system, digesters, return activated sludge pumps, controls, electrical, and other plant components currently under review.	I, II	C	6/1/2014	\$48,735,000		BC	\$24,904,000	
65	31	10035	Alba	TX0022489	548	The City need to remove sludge and sediment from the lagoons at the City's wastewater treatment plant to allow more efficient treatment. The City needs to develop an asset management plan. The City is requesting funding to rehabilitate two treatment lagoons at the City's wastewater treatment plant, including sludge and sediment removal, and develop an asset management plan.	I	PDC	5/1/2015	\$700,617				
66	31	9954	Paradise ISD	TX0103446	1,275	The District needs to increase the capacity of their existing wastewater treatment facility to enable treatment for additional students within the system and possible additional service to the surrounding town. The District is proposing to complete planning to expand their existing wastewater treatment plant to accommodate growth of the school district and possibly supply treatment to surrounding residential connections. The planning will be followed by design of the chosen alternative.	I	PD	1/1/2014	\$282,000				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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67	31	10136	Marshall	TX0021784	23,399	The City needs to plan for the rehabilitation of the existing wastewater treatment plant and develop an asset management plan. The City is requesting planning and design funds for the rehabilitation of their existing wastewater treatment plant, including digesters and Bio Filter towers. The City proposes to complete an asset management plan.	I, II	PDC	5/15/2015	\$3,673,700				
68	31	10137	Marshall	TX0021784	23,399	The City needs to rehabilitate the existing East End Lift Station. The City is proposing to rehabilitate their deteriorated, aged East End Lift Station and add an emergency power source to the Lift Station.	IIIB	PDC	5/15/2015	\$1,679,300		BC	\$375,000	
69	31	10002	Port Arthur	TX0047589	53,937	The existing WWTP was originally constructed in the mid 1960's. As a result, the WWTP is approaching the end of its reasonable life span although certain improvements and upgrades were made in the past. Expansion and replacement of the existing WWTP from 9.2 MGD to 15 MGD. The existing WWTP will be abandoned after the completion of the proposed WWTP.	I	PDC	2/6/2015	\$87,188,325			\$77,211,375	
70	30	9974 ¹	San Juan	TX0057592	34,872	The collection system is over loaded and the lift stations have pumping problems. Replacement, elimination, enlargement, and rehabilitation of six (6) lift stations and construction of new force main.	IIIB	C	1/1/2014	\$5,200,000				
71	28	10098	Cisco	TX0053716	6,066	The City needs to address long term sustainability of their water supply. The City is proposing to use the wastewater treatment plant effluent to supplement the water supply within Bernie Lake. The proposed reuse will require additional treatment of the effluent for reuse.	II, X	PDC	3/1/2015	\$2,953,000	30	BC	\$2,953,000	
72	27	10016	Canton	TX0099112	3,581	The City needs to replace three outfalls (trunk sewers) within the east, west, and north areas of the City to address deterioration and infiltration/inflow. The City is proposing to replace the remaining section of the east and west trunk sewer lines and the entire north line to address deteriorated piping and infiltration/inflow. The replacement of the north line will allow the city to furnish service to approximately 100 unserved connections.	IIIA, IIIB	PDC	9/30/2014	\$3,475,000				

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73	25	10109	Olney	TX0024261	3,261	WWTP effluent reuse project. The City proposes to install a lift station and a force main to redirect the WWTP discharge to Lake Olney.	I, II	PDC	5/1/2014	\$2,520,000	30	BC	\$1,705,000	
74	25	10073	Willow Park	TX0099732	3,885	Inflow and infiltration caused by the aged and deteriorated sewer collections and manholes. Replacement of the sewer lines and manholes.	IIIA	PDC	5/1/2014	\$596,000		BC	\$596,000	
75	25	10129	Brownsville	TX0071340	202,865	BPUB needs to replace aged and deteriorated collection system components to address component failures and frequent sanitary sewer overflows. The proposed project will replace approximately 3,178 feet of deteriorated collection system and rehabilitate/replace 13 lift stations in efforts to reduce sanitary sewer overflows.	IIIA	C	6/1/2014	\$7,869,999		BC	\$650,000	
76	25	10126	Brownsville	TX0071340	202,865	The BPUB is proposing to construct a reuse system for the effluent from the Robindale WWTP. The BPUB is proposing to develop a reuse system to deliver 5 to 6 million gallons per day of effluent from the Robindale WWTP to areas on the north side of Brownsville.	X	PDC	6/1/2015	\$20,389,480		BC	\$2,222,045	
77	21	10070	Lone Oak	TX0100021	698	The city needs to install a new lift station and collection lines to unserved areas. They also need to rehabilitate an existing lift station by replacing older pumps. The proposed project consists of installing sanitary sewer line and a new lift station to serve 12 unserved connections within the City's CCN area. The City proposes to replace older lift station pumps at an existing lift station feeding the wastewater treatment plant.	IIIB, IVA	PDC	6/1/2014	\$500,000	30		\$500,000	
78	21	10075	Electra	TX0026964	2,816	The City needs to extend wastewater service to approximately 20 households and install approximately 24,000 feet of gravity sewer to eliminate failing lift stations. The City is proposing to add collection system to allow the addition of approximately 20 households to their wastewater service system. The City is proposing to add approximately 24,000 feet of gravity sewer to eliminate 10 failing lift stations. The City may add emergency generators to existing lift stations.	IIIB, IVA	PDC	7/1/2015	\$4,165,000			\$4,165,000	

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79	20	10010	Weinert	TX0055204	158	Excess algae in WWTP ponds, and the pumps of two lift stations need to be replaced. Installation of aerators to the WWTP ponds and replacement of the pumps with grinder pumps.	I	PDC	6/2/2014	\$215,700				
80	20	10077	Greater Texoma UA	TX0026883	3,056	GTUA - City of Van Alstyne (City) is proposing the rehabilitation of the wastewater treatment plant. The City is seeking planning, design and construction funding for the rehabilitation of the wastewater treatment plant.	IIIB	PDC	3/1/2014	\$333,824				
81	20	10078	Greater Texoma UA	TX0026883	3,056	GTUA - City of Van Alstyne (City)'s sewer lines are deteriorated and in need of replacement. The City is seeking planning, design and construction funding for the replacement of sewer lines throughout the City.	IIIB	PDC	3/1/2014	\$1,364,753			\$500,000	
82	20	10053	Brady	TX0034312	4,320	City needs to address inflow/infiltration throughout the system. The City proposes to replace sewer lines that are known to cause significant inflow/infiltration.	IIIA	PDC	1/1/2014	\$417,000				
83	20	9939	Hudson	TX0068985	4,731	The City of Hudson (City)'s existing Treatment Plant was constructed in 1978 and has reached its useful service life. Most mechanical equipment has been replaced multiple times and the concrete structures are deteriorating. The facility has historically met permit requirements but has problems with solids removal and handling I/I contribution under present loading conditions. The City is requesting the planning, design and construction funds to replace the existing Wastewater Treatment Plant.	I	PADC	6/1/2015	\$4,294,900				
84	20	10067	Hutto		14,698	The City of Hutto (City)'s existing WWTP is expected to reach full capacity in 2015. The City is requesting the planning, design and construction funds to construct a new 2 MGD wastewater treatment plant.	I	PDC	5/1/2014	\$14,478,000				10274
85	20	10274	Hutto	TX0025577	14,698	The City needs to redesign the trunk main to feed the Brushy Creek WWTP. The city will either upgrade the Enclave Lift Station and construct a new force main or construct a new 42 inch diameter interceptor sewer line to transport flows to the Brushy Creek WWTP.	IVB	PDC	7/1/2014	\$6,222,000				10067

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86	20	10127	Brownsville	TX0071340	202,865	The BPUB needs to upgrade/enlarge the collection system on the north side of the City to accommodate grown on the north side of the City. BPUB is proposing to increase the size of the existing collection system piping to accommodate additional customers to be serviced on the north side of the City of Brownsville. The improvements will include collection system piping, force mains, and lift stations.	IIIB	PDC	5/31/2015	\$31,989,620				
87	20	10132	Brownsville	TX0071340	202,865	The District needs to remove two existing wastewater treatment plants operated by the Brownsville Navigation District from service. The District is proposing to remove two existing wastewater treatment plants, operated by the Brownsville Navigation District from service by installing lift stations and force mains to re-rout the flows to the existing sewer collection system. Existing sewer collection system components will require upgrade to accommodate the flows, including approximately 13 existing lift stations.	IVB	PDC	5/31/2015	\$25,701,617		BC	\$700,000	
88	20	10245	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. The SSO reduction project will continue identifying and rehabilitating lines.	IIIB	C	4/1/2013	\$43,682,751				
89	20	10246	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. The SSO rehabilitation project will rehabilitate 34 of the 51 miles with completed design.	IIIB	C	2/15/2013	\$23,967,700				9879
90	17	10110	Marble Falls		6,077	The City needs to expand their effluent reuse system to include irrigation of public parks within the city. The city is proposing to expand their effluent reuse system to provide irrigation within city owned parks as part of a city wide initiative to reduce the demand upon the City's water treatment system.	I	PDC	10/1/2013	\$1,285,000		BC		
91	15	10107	Upper Leon River MWD	TX0122203	255	Excessive molybdenum in sludge, making it unlawful to land apply. Install industrial pretreatment and improve sludge handling.	I, II	PDC	9/1/2014	\$847,000	30			
92	15	9953	Edgewood	TX0023710	1,441	The City needs to replace their deteriorated collection system. The City is proposing to replace collection system lines, manholes, and lift stations to address issues with their deteriorated system.	IIIB	PDC	9/1/2014	\$1,472,250				

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93	15	9994	Baird	TX0053384	1,673	City wishes to replace existing mechanical WWTP with a new facultative lagoon and pond system. The City is proposing to replace an existing mechanical WWTP with a new facultative lagoon and pond treatment system, with disposal of effluent via irrigation.	I	PDC	9/1/2015	\$3,800,000				
94	15	10088	Early	TX0047040	2,768	The City current contracts with the City of Brownwood for wastewater treatment and desires to establish their own wastewater treatment and effluent reuse capabilities. The City is proposing to construct a new wastewater treatment facility consisting of treatment lagoons and disposal of effluent by irrigation.	I	PADC	9/1/2015	\$10,250,000				
95	15	10009	El Campo	TX0021474	11,602	The City desires to begin planning and design for beneficial reuse of their wastewater treatment plant effluent. The City is proposing to complete planning and design to implement a beneficial reuse of effluent. They will more fully identify alternatives, permit requirements, advanced treatment, etc. and then design the necessary components to implement the project. The City also is proposing to add additional sludge dewatering capabilities.	I	PD	1/1/2015	\$150,000		BC	\$60,000	
96	15	10138	Kerrville	TX0047333	22,263	The City of Kerrville (City) is proposing to construct a 13.5 million gallon pond at the City's existing WWTP, to store treated effluent for reuse purposes. The City is requesting the planning and design funds to construct a 13.5 million gallon pond at the City's existing WWTP, to store treated effluent for reuse purposes. Pond construction would involve excavation and berming.		PDC	11/1/2014	\$3,248,282			\$3,248,282	
97	15	10241	Kyle	TX0119466	29,293	Expand WWTP from 3 to 4.5		PDC	6/1/2013	\$4,250,000				
98	15	10105	Del Rio	TX0053830	39,078	The City needs to conduct planning and design to continue with their WWTP collection system work to address deteriorating conditions. The City proposes to complete planning and design to continue with Phase II of their wastewater treatment plant collection system rehabilitation work.	IIIA	PD	8/1/2015	\$500,000				

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99	15	9948	San Antonio Water System	TX0052639	1,517,000	The outfalls within this project are in poor condition due to deterioration and lack of sufficient capacity to handle future sewer flows due to growth and during peak storm events. This project proposes to replace approximately 2 miles of 54-inch sanitary sewer main and siphon. This project was identified in the Comprehensive Wastewater Master Plan developed by the SAWS Master Planning Division.	IIIA	C	3/1/2014	\$11,788,000				
100	12	10023	Domino		213	The Community wants to plan and design a first time wastewater treatment system for its residents. The City is proposing to complete planning and design for a first time wastewater treatment system to serve their residents. The City is proposing to complete an asset management plan also. See PIF 10282 for collection system portion.		PDC	3/1/2015	\$1,701,000				10282
101	12	10282	Domino		213	The City of Domino currently does not have a centralized collection system for their residents. The City is requesting funding for the planning and design phases for developing a first time collection system for their service area. Related PIF 10023 is requesting planning and design phase funding for wastewater treatment for the City.	IVA	PDC	3/1/2013	\$1,448,000				10023
102	12	10030	Campbell	TX0072508	683	The City needs to address old, deteriorated sanitary sewer collection system and add an emergency generator to the City's main sewage lift station. The City proposes to replace old, deteriorated, collapsing sanitary sewer lines and extend service to unserved areas within the City's service area. The City will install an emergency generator and electrical controls to the main sewage lift station.	IIIB, IVA	PDC	5/1/2015	\$423,583				
103	11	10060	Dell City		383	The City needs to upgrade/replace two lift stations and as part of the upgrade, needs to replace the associated force mains from the lift stations to the wastewater treatment plant. The City is proposing to replace 6,000 feet of proposed 8-inch force main.	IIIB	ADC	3/1/2015	\$543,950	70			
104	11	10238 ¹	Castroville	TX0129364	3,053	Extend wastewater collection to the eastern part of the City, install a new lift station, collection main and force main.	IIIB, IVA	PDC	9/1/2012	\$1,952,500				9269

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105	11	10243 ¹	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.	I, II	PDC	9/1/2013	\$2,591,424				
106	11	10251 ¹	Falfurrias		4,885	Improvements to the Falfurrias Utility Board (FUB)'s wastewater collection system are required to satisfy and comply with TCEQ wastewater regulations for conveyance and treatment. 7 out of 11 lift stations are constantly breaking down and unreliable. The lift stations are known as Ranchito, Swimming Pool, Magnolia, Whistler, Bradley, Warehouse, and Nate. The FUB is proposing to rehabilitate 7 out of 11 lift stations in their collection system. The improvements include all new pumps, motors, piping, valves, electrical panels with transfer switches for portable generators, and fencing. These improvements will be constructed within the existing facilities.	IIIB	PDC	3/1/2012	\$1,182,606	30			
107	11	10252 ¹	Falfurrias		4,885	Falfurrias Utility Board (FUB) recognizes that immediate improvements are required for the City's wastewater collection system to comply with TCEQ wastewater regulations for conveyance and treatment. Their collection system suffers from line breaks and infiltration/inflow. This project will replace 9,250 feet of vitrified clay sewer line with 8-inch PVC and replace 13,300 feet of force main with 2,500 feet of 6-inch and 10,800 feet of 12-inch PVC force main.	IIIB	PDC	3/1/2012	\$1,521,577	30			
108	11	9937	Weslaco	TX0052787	35,670	City needs to develop a wastewater master plan to align to its comprehensive land use plan. Master planning including asset management plan and possible expansion and upgrading of collection lines, and identifying alternative technology factors for the improvements of NWWTP.		P		\$677,090				
109	10	10055	Strawn		632	Aged and deteriorated collection lines. Replacement of collection lines to reduce inflow and infiltration.	IIIA	PDC	5/1/2014	\$405,000		BC	\$405,000	
110	10	10021	Santa Anna		1,009	Received a notice of violation from TCEQ regarding the liner of the facultative pond. Removal and replacement of the existing earthen pond liners to meet TCEQ requirements.	I	PDC	9/1/2015	\$1,800,000	30			

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111	10	9921	Wolfe City	TX0023558	1,412	Aged and deteriorated collection system Replacements of aged collections lines, manholes, and lift stations.	IIIB	PDC	9/1/2014	\$1,000,000	30			
112	10	10011	Bangs	TX0053511	1,518	The City of Bangs is proposing to add a secondary clarifier at their wastewater treatment plant for system reliability. The City is seeking planning and design funding to add a secondary clarifier at their wastewater treatment plant for system reliability.	I	PDC	7/1/2015	\$1,000,000	30			
113	10	10019	West Tawakoni	TX0064513	1,616	I/I issues caused by deteriorated and aged sewer lines. Smoking testing to identify the areas that have been causing I/I, and rehabilitation will be performed accordingly.	IIIA	PDC	5/1/2014	\$1,942,500	30	BC	\$1,942,500	
114	10	10093	Winters		2,280	(1) The dilapidated piping experiences severe I/I issues. (2) Aged manholes have been collapse causing line blockage. (3) Upstream improvements of main lift station. (1) Rehabilitation of sewer lines. (2) Rehabilitation of manholes. (3) Installation of a mechanical screen to remove debris to protect lift station pumps.	IIIA	PDC	12/1/2014	\$2,053,000	30	BC		
115	10	9980	Grand Saline	TX0027545	3,172	The problems at the wastewater treatment plant include significant amounts of equipment at the plant area in excess of 30 years old that have become unreliable and costly to maintain. Expand the City's WWTP from 0.54 to 0.8 MGD. The treatment system is also being modified to provide a more stable treatment operation to reduce permit limit excursions and to allow hydraulic expansion of the facility.	I, II	PDC	11/1/2014	\$4,613,500	30			9984
116	10	9984	Grand Saline	TX0027545	3,172	The City's existing sanitary sewer lines require replacement due to their poor condition and location in low lying areas which are known sources of infiltration and inflow. The proposed project consists of the replacement of various 10-inch, 8-inch, and 6-inch diameter sewer lines in the collection system.	IIIA	PDC	11/1/2014	\$1,466,700	30			9980
117	10	9999	Dilley	TX0115282	3,894	The City needs to replace deteriorated sanitary sewer system piping to address overflows and spills. The City is proposing to install a new 12-inch trunk line to replace deteriorated piping in the northern portion of the city and smaller deteriorated pipes that cause spills.	IIIB	PDC	7/1/2014	\$1,012,000				

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118	10	9986	Eagle Pass	TX0107492	44,329	The City needs to rehabilitate their deteriorating collection system and improve their existing lift station to resolve problems related to reliability and maintenance. The City is proposing to expand and rehabilitate an existing lift station to increase it's reliability and rehabilitate the deteriorating collection system. The City is proposing to replace/rehabilitate manholes and collection system piping.	IIIB	PDC	11/1/2014	\$17,939,941				
119	10	9955	Abilene	TX0023973	126,291	The City needs to enlarge the capacity of the Buck Creek Pump station, which pumps the majority of the flow into the treatment plant, to prevent wet weather overflows and use of the equalization basin. The City proposes to enlarge the capacity of the Buck Creek Pump Station to handle the flows within the system.	IVB	PDC	3/1/2014	\$1,966,000		BC	\$452,000	
120	1	10031	Campbell	TX0072508	683	The City needs to make improvements to their WWTP to allow better management of the flows through the plant and install an emergency generator. The City proposes to make improvements to the equalization basin, chlorine contact chamber, RAS system, headworks, installation of grit removal system, and installation of an emergency generator with necessary controls.	I	PDC	5/1/2015	\$442,300				
121	1	10006	Moulton	TX0053287	944	The city needs to complete a comprehensive review of their existing wastewater system and develop a minimum 5 year asset management plan to prioritize replacement, rehabilitation, and upgrades of the wastewater system. The city is proposing to complete an asset management plan based upon information obtained through in-depth evaluation of the sewer collection lines, manholes, collection system, and lift stations by completing a Sanitary Sewer Evaluation Study. The City also proposes to complete planning and review of existing ordinances relating to the sanitary sewer system and rates necessary to maintain the system.		PD	12/1/2013	\$92,800				
122	0	10071	Moran		207	The City needs to rehabilitate/replace deteriorated collection system piping to address inflow/infiltration. The City is proposing to replace deteriorated collection system piping to address I/I within the system.	IIIA	PDC	5/1/2014	\$365,000			\$365,000	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
123	0	10273	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.	I	PDC	9/1/2014	\$166,800				
124	0	9996	Baird	TX0053384	1,673	The City needs to replace 50 year old clay sewer lines to address excess infiltration/inflow and add manholes. The City is proposing to replace approximately 19,500 feet of 6 and 8-inch clay sewer lines to address infiltration/inflow. The City will add approximately 30 manholes to the line as it is replaced where none exist now.	IIIA	PDC	7/1/2015	\$2,500,000				
125	0	10047	Anson		2,477	The City needs to replace portions of their collection system to allow elimination of two deteriorated lift stations. The City plans on installing 8 and 6-inch diameter gravity wastewater collection lines to allow the elimination of two lift stations. The City is also requesting \$3,223,026 to refinance existing USDA debt.	IIIB	PDC	2/1/2015	\$3,900,000		BC	\$666,974	
126	0	10028	Gladewater	TX0022438	6,842	Repair and/or replacement of failing units are necessary at the City's existing Wastewater Treatment Plant (WWTP). The upgrades consist of repair and/or replacement of failing units and installation of new sludge management equipment and WWTP SCADA.	I	PDC	1/1/2015	\$2,403,000		BC	\$504,630	
127	0	9926	Liberty	TX0074284	8,397	The City need to improve the deteriorated collection system to address infiltration/inflow. The City is proposing to rehabilitate the existing collection system to address infiltration/inflow in response to a TCEQ agreement.	IIIA	PDC	11/1/2014	\$639,000				
128	0	9917	Greater Texoma UA	TX0022357	15,984	GTUA - City of Gainesville (City) is proposing rehabilitation projects for their wastewater treatment plant. The City is seeking planning, design, and construction funding for the implementation of Master Plan rehabilitation projects to the wastewater treatment plant to include SCADA system implementation, removal of primary clarifier equipment, removal of trickling filters and trickling filter pump station, installation of a new 4.0 MGD SBR system, upgrade to UV disinfection, demolition and removal of abandoned structures, backup generator and yard lighting, and other appurtenances as necessary to implement the projects.	II	PDC	3/1/2015	\$10,968,216				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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129	0	9918	Greater Texoma UA	TX0024325	43,199	GTUA - City of Sherman (City)'s existing sewer is deteriorated and has severe infiltration problems. Also, the line needs to be upsized due to capacity problems. The City is seeking the planning, design and construction funding for replacment of approximately 4,200' of existing 12" sewer and approximately 5,260' of existing 18" sewer with new 18" sewer main.	IIIB	PDC	5/1/2014	\$635,697				
130	0	9919	Greater Texoma UA	TX0024325	43,199	GTUA - City of Sherman (City) is proposing to ascertain optimum process for nitrogen and phosphorus removal, reconstruction of headworks that has deteriorated and requires replacement, and replacement of sensors and control elements with more reliable components to upgrade UV disinfection system, which is 10 years old. The City is seeking the planning, design and construction funding to complete engineering study to ascertain optimum process for nitrogen and phosphorus removal, reconstruction of headworks that has deteriorated and requires replacement, and replacemnet of sensors and control elements with more reliable components to upgrade UV disinfection system, which is 10 years old. Newer, more capable and reliable sensors and controls will restore and improve UV system performance.	II, IIIB	PDC	4/1/2014	\$7,168,704				
131	0	10133	Brownsville	TX0071340	202,865	The District needs to install odor control at numerous lift stations throughout the City to control odors and corrosion. The District proposes to install corrosion /odor control facilities at numerous lift stations throughout the City by installing biofilters, fans, ductwork, etc., to provide 12 air changes per hour in the lift station wet wells.	IIIB	PDC	6/1/2014	\$4,119,000			\$4,119,000	
132	0	10125	Brownsville	TX0055484	202,865	The BPUB needs to add corrosion/odor control for the South Wastewater Treatment Plant headworks and sludge dewatering facilities. The BPUB is proposing to add odor control facilities to address corrosion and odor at the South WWTP. The proposed improvements include a containment building, field constructed enclosed vessel biofilters, fans, and ductwork to address odors and corrosion.	I, II	PDC	6/1/2014	\$4,322,000			\$2,555,000	

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133	0	9940	San Antonio Water System	TX0077801	1,517,000	The C-5: Culebra and Castroville to Laredo and C-28: Zarzamora Creek- San Gabriel to NW 23rd Street projects consist of the conditioning and hydraulic assessment of the existing wastewater gravity mains consisting of approximately 26,000 linear feet of 8-inch to 36-inch water mains, the rehabilitation or replacement of mains and the removal of existing siphons will improve the overall system operation. The projects are required to improve the wastewater flow through the south central part of the city, upgrade the capacity to accommodate increased flow volumes, and eliminate or rehabilitate structures that are causing system degradation.	IIIB	C	3/1/2014	\$7,575,800				
134	0	9941	San Antonio Water System	TX0077801	1,517,000	The project area is identified as having capacity constraints and has experienced multiple reported sanitary sewer overflows since 2003. The wastewater hydraulic model also predicts overflows to occur in this area given the estimated flows and current infrastructure. In addition to capacity, some of the infrastructure in this area requires rehabilitation due to existing conditions. The project consists of a total of approximately 23,000 linear feet of 21-inch and 24-inch wastewater mains.	IIIB	D	3/1/2015	\$1,484,512				
135	0	9942	San Antonio Water System	TX0077801	1,517,000	The existing sewer mains are in poor condition due to deterioration and currently lack sufficient capacity to withstand future flows due to growth and during peak storm events. Additionally, this project is located in a heavily congested area of downtown San Antonio making construction very difficult. Replacement of approximately 7,500 linear feet of existing 60-inch gravity sewer mains along North Alamo Street from Josephine Street to Elm Street.	IIIB	C	3/1/2014	\$11,538,700				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis- advantaged	Green Type	GPR	Related PIF #'s
136	0	9943	San Antonio Water System	TX0077801	1,517,000	The sewer mains are in poor condition due to deterioration and currently lack sufficient capacity to withstand future flows due to growth and during peak storm events. Additionally, due to location of existing gravity sewer pipes behind the Olmos Dam this area is believed to be a major source of infiltration and inflow. Replacement of approximately 7,000 linear feet of existing gravity sewer mains with 24-inch, 48-inch, and 54-inch gravity sewer mains within the San Antonio Olmos Basin area.	IIIB	C	3/1/2014	\$15,496,600				
137	0	9944	San Antonio Water System	TX0077801	1,517,000	Project includes rehabilitation and construction. The "E-16-Wurzbach-Blanco to Nakoma" project consists of a total of approximately 19,000 linear feet of 8-inch, 12-inch, 15-inch, 18-inch, 21-inch, 27-inch, 30-inch, and 36-inch wastewater mains. The project will construct a 36-inch, 30-inch, 27-inch, 21-inch, 18-inch, and 15-inch gravity main the Eastern Basin along Salado Creek between Jones Maltsberger Road and Blanco Road; and a 12-inch and 18-inch gravity main along Rhapsody between Highway 281 and W. Silversands.		D	3/1/2016	\$1,567,648				
138	0	9945	San Antonio Water System	TX0077801	1,517,000	The sewer mains need replacement due to sags, deterioration, soil movement and to bring the system into compliance with SAWS standards. This project will reduce SSOs in the area. This project replaces approximately 60,000 linear feet of 8 to 24-inch sewer mains.	IIIB	C	3/1/2014	\$9,507,394				
139	0	9946	San Antonio Water System	TX0077801	1,517,000	SAWS has identified sewer pipelines that have experienced sanitary sewer overflow and need to be rehabilitated at a cost of \$55.7 million, and is completing design on those pipelines. The 2014 Sanitary Sewer Overflow Reduction Project will continue identifying and rehabilitating sewer pipelines that are likely to result in sewer overflows. SAWS has developed a sewer pipeline asset management plan, and the sewer pipelines are prioritized by frequency of overflows. Most of the flow in these sewer lines is treated at the Dos Rios plant, while some flow is treated at the Leon Creek or Medio Creek plants.	IIIB	C	3/1/2014	\$55,739,850				

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109

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Dis-advantaged	Green Type	GPR	Related PIF #'s
140	0	9947	San Antonio Water System	TX0077801	1,517,000	SAWS has identified sewer pipelines that have experienced sanitary sewer overflow and need to be rehabilitated at a cost of \$21.5 million dollars and is completing the design of those pipelines. The 2014 Sanitary Sewer Overflow Rehabilitation Project will rehabilitate the pipelines that have a completed design. SAWS has developed a sewer pipeline asset management plan, and the sewer pipelines are prioritized by frequency of overflows. The most critical projects are rehabilitated first. Most of the flow in these sewer lines is treated at the Dos Rios plant, while some flow is treated at the Leon Creek or Medio Creek Plants.	IIIA	C	3/1/2014	\$21,492,400				
141	0	9951	San Antonio Water System	TX0077801	1,517,000	System rehab project. This project includes improvements to 4 of the 8 anaerobic digesters at the Dos Rios WRC, including the cleaning of the digesters, repair of digester dome seams and liners, replacement of the existing draft tube mixers with pump-mix system, replacement of the dome hatches and man-ways, dome pressure/vacuum relief assemblies and three-way valves, and replacement of existing digester gas meters and temperature probes. Electrical, instrumentation and control improvements will also be implemented. Phase III of the project will provide the above improvements for Digester Nos. 5 thru 8. The funding is requested for the Phase III design.	I, II	D	3/1/2015	\$1,040,870		BC	\$900,000	
Totals		141								1,140,410,448	52	33	\$187,583,214	
Nonpoint Source														
1	103	10044	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.	VII	PDC	9/1/2014	\$16,875,450				

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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2	72	10314 ¹	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	1/10/2014	\$4,380,000	70			9829
3	60	10015	La Feria		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.	VII	PADC	6/30/2014	\$5,273,211	30	BC	\$5,273,211	10014
4	60	10120	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.	IVA	C	6/1/2014	\$3,261,400				
5	50	10128	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.	IVA	C	6/1/2014	\$2,468,916				
6	45	10308 ¹	Aqua WSC		3,102	First time sewer collection system for the remaining portions of the Stony Point Subdivision in western Bastrop County.		C	7/1/2012	\$1,462,043	70			
7	45	10100	La Joya	TX0127337	3,944	Install 60 new 4-inch short and 53 4-inch long sewer service connections.	VII	PDC	1/1/2014	\$528,084	30			,10103

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

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8	30	9971	Olmito WSC	TX0113875	5,843	Expand the WSC's collection system in two areas to provide first time service.	IVA	PDC	1/1/2014	\$1,301,500				9979	
Totals		8									\$35,550,604	4	1	\$5,273,211	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction

112

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Appendix K: Invited Projects List

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**Texas Water Development Board
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Appendix K. Invited Project List**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s) ²	Estimated Construction Start	Project Cost	Disadvantaged	GPR	Green Type	Related PIF #s
POTW (Sec. 212)														
1	111	9925	Angelina & Neches RA	TX0056154	573	ANRA North Angelina County Regional WWTP improvements	I, II	PD	1/1/2015	\$199,750	70			9924
2	111	9924	Angelina Co FWSD # 1	TX0056154	573	Collection System Upgrades	IVA	PD	1/1/2015	\$480,250	70			9925
3	101	10349	West	TX0020451	2,807	WWTP Improvements (Priority 2)	I,II	PD	6/1/2014	\$444,500	30			
8	86	9970	Robstown	TX0020389	5,250	Pipeline Segment Replacement	IIIB	PD	11/1/2013	\$521,753	30			
9	80	10041	Gustine	TX0117722	447	WWTP Improvements	I	PD	5/31/2014	\$99,000	30	\$450,000	BC	
10	77	9935	Weslaco	TX0116394	35,670	South WWTP Master Plan	XIII	P		\$676,890				
11	76	10007	Vinton	TX0087149	2,423	New Collection System	IVA	PD	1/2/2015	\$2,621,924	70			
12	75	10276	Rio Hondo	TX0027782	2,361	Effluent Polishing & Direct Reuse	II, X	PD	7/15/2014	\$228,420	30	\$1,310,702		
15	70	9972	Bevil Oaks	TX0054551	1,274	WWTP Rehabilitation	I, II	PD	10/1/2014	\$263,784				
16	70	10022	Huntington	TX0053422	2,119	WWTP Improvements	I, IVB	PD	1/1/2015	\$271,300	50			
17	70	10048	Comanche	TX0022730	4,320	WWTP Improvements	II	PD	4/30/2014	\$131,000	30			
18	70	10051	Comanche	TX0022730	4,320	Collection System Improvements	IIIA	PD	6/1/2014	\$72,400	30	\$372,000	BC	
19	70	10097	Cisco	TX0053716	6,066	Lift Station Replacement	IIIB	PD	3/1/2015	\$195,000	30	\$120,000		
20	70	10081	Pearland	TX0117501	100,390	Far Northwest WWTP Expansion	I, II	PD	12/1/2014	\$3,000,000				
21	68	9938	Weslaco	TX0116394	35,670	South WWTP Expansion	I, II	C		\$8,324,722		\$1,181,359		
22	66	9930	Weslaco	TX0052787	35,670	Two Water Recycling Plants	X	PD		\$99,600		\$1,156,600	BC	
25	63	9966	Agua SUD	TX0125598	1,337	Sullivan City Collection Expansion	IVA	PD	9/1/2014	\$680,000	70			
26	60	10135	Rio Hondo	TX0027782	2,356	Collection Improvements	IIIA	PD	7/15/2014	\$504,394	50	\$3,573,241		
29	56	10027	Jefferson	TX0024902	1,920	Rehabilitate & Extend Sewers	IIIB, IVA	PD	1/1/2015	\$395,000	30			
30	55	10059	Dell City		383	Land Application System	I	PD	3/1/2015	\$169,163	70			
31	55	10074	Electra	TX0026964	2,816	Irrigation System	I	PAD	7/1/2015	\$500,000				10075
32	55	10014	La Feria	TX0128112	7,405	Type 1 Reuse Program	X	PD	9/30/2014	\$517,165	30	\$1,651,815	BC	
33	55	10149	Brownsville	TX0055484	202,865	SSO Projects - PADC	IIIA	PD	6/1/2015	\$3,693,900		\$1,335,807	BC	
35	53	9975	Agua SUD	TX0133841	23,666	Palmview WWTP Phase II	I, II	D	9/2/2014	\$600,000	50			
36	53	9977	Agua SUD	TX0133841	23,666	Palmview Collection Phase II	IVA	D	6/1/2015	\$800,000	50			9975
37	51	10101	La Joya	TX0127337	224	Havana Collection System	IVA	PD	6/1/2014	\$567,813	30			
38	51	10025	Cushing	TX0053937	712	WWTP Rehabilitation	I	PD	5/1/2015	\$154,964				
39	51	10013	Colorado City		4,121	Relief Interceptor	IIIB, IVA	PD	7/1/2015	\$450,000	30	\$3,800,000	BC	
40	51	9932	Weslaco	TX0052787	35,670	North Weslaco Colonia Collection System	IVA	PD		\$145,000				
41	51	10115	Pharr	TX0062219	70,400	South Collection System	IVB	PD	5/15/2014	\$220,000	30			
42	48	10094	Acton MUD	TX0105163	8,655	De Cordova Bend WWTP Expansion	I, II	PD	4/1/2015	\$235,200		\$169,000		10089
45	45	9958	Glen Rose	TX0033316	2,592	WWTP & Reuse Expansion	I, II	PD	6/1/2014	\$740,000		\$3,000,000	BC	
46	45	10001	Elsa	TX0104990	5,660	Collection System Improvements	IIIA, IIIB	PD	8/1/2014	\$304,800	30	\$270,000	BC	
47	45	9923	Harris Co WCID # 36	TX0025062	10,977	New WWTP	I, II	PD	12/31/2013	\$976,593	30	\$500,000		
48	43	10106	Ballinger	TX0099759	3,671	WWTP Expansion	I	PD	12/1/2014	\$262,500	30	\$1,973,000	BC	
50	42	9962	Daingerfield	TX0027031	2,573	WWTP Improvements	I	PD	10/1/2016	\$120,000				
51	42	9956	Los Fresnos	TX0091243	5,391	Collection Rehabilitation & Extension	IIIA, IIIB, IVA	PD	10/21/2014	\$1,118,118	30			
52	41	10346	West	TX0020451	2,807	Trunk Sewer Improvements (Priority 3)	IIIB	PDC	6/1/2014	\$423,200	30			
53	41	10347	West	TX0020451	2,807	Sanitary Sewer (Priority 1)	IIIB	PDC	6/1/2014	\$975,250	50			
54	41	10348	West	TX0020451	2,807	I/I Reduction (Priority 4)	IIIB	PDC	6/1/2014	\$3,281,320	30			
55	41	10111	Harris Co MUD # 148	TX0131482	3,736	Lift Station Replacement	IIIB	PD	1/1/2014	\$333,300				
56	41	9968	San Juan	TX0057592	34,872	Collection System Extension	IVA	PD	1/1/2014	\$191,000				9974

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57	40	10069	Graford	TX0104752	830	WWTP Reconstruction	I	PD	5/1/2014	\$80,000		\$375,000	BC	
58	40	10005	Petersburg		1,202	New WWTP	I	PD	8/22/2014	\$184,300	30			
59	40	9997	Dilley	TX0117218	1,500	Prison WWTP Rehabilitation	I	PD	7/1/2014	\$180,000				
60	40	10103	La Joya	TX0127337	3,944	Sewer Line Upgrade	IIIB	PD	6/1/2014	\$344,418	30	\$2,941,277		10100
61	40	10012	Colorado City		4,121	WWTP Expansion	I	PD	7/1/2015	\$900,000	30			
62	35	10037	Pecos City		8,657	Collection System Replacement	IIIA	PD	9/2/2013	\$28,000	30	\$2,875,000	BC	
63	33	10089	Acton MUD	TX0105163	8,655	Collection System Expansion	IVA	PD	4/1/2015	\$790,100				10094
65	31	10035	Alba	TX0022489	548	Lagoon Rehabilitation	I	PD	5/1/2015	\$121,766				
66	31	9954	Paradise ISD	TX0103446	1,275	WWTP Expansion	I	PD	1/1/2014	\$282,000				
67	31	10136	Marshall	TX0021784	23,399	Bio Tower Rehabilitation	I, II	PD	5/15/2015	\$483,850				
68	31	10137	Marshall	TX0021784	23,399	East End Lift Station Replacement	IIIB	PD	5/15/2015	\$242,650		\$375,000	BC	
69	31	10002	Port Arthur	TX0047589	53,937	Main WWTP Replacement	I	PD	2/6/2015	\$5,976,950		\$77,211,375		
71	28	10098	Cisco	TX0053716	6,066	Reuse System	II, X	PD	3/1/2015	\$478,500	30	\$2,953,000	BC	
72	27	10016	Canton	TX0099112	3,581	Outfall Lines (trunk sewers)	IIIA, IIIB	PD	9/30/2014	\$422,000				
73	25	10109	Olney	TX0024261	3,261	Lake Olney Reuse	I, II	PD	5/1/2014	\$312,000	30	\$1,705,000	BC	
74	25	10073	Willow Park	TX0099732	3,885	Collection Line Replacement	IIIA	PD	5/1/2014	\$118,800		\$596,000	BC	
76	25	10126	Brownsville	TX0071340	202,865	North Brownsville Water Reuse	X	PD	6/1/2015	\$2,222,045		\$2,222,045	BC	
77	21	10070	Lone Oak	TX0100021	698	Collection System Improvements	IIIB, IVA	PD	6/1/2014	\$102,000	30	\$500,000		
78	21	10075	Electra	TX0026964	2,816	Relief Interceptor & Service Extension	IIIB, IVA	PD	7/1/2015	\$400,442		\$4,165,000		
79	20	10010	Weinert	TX0055204	158	WWTP Improvements	I	PD		\$54,700				
80	20	10077	Greater Texoma UA	TX0026883	3,056	Van Alstyne WWTP Rehabilitation	IIIB	PD	3/1/2014	\$59,349				
81	20	10078	Greater Texoma UA	TX0026883	3,056	Van Alstyne Sewer Replacement	IIIB	PD	3/1/2014	\$191,394		\$500,000		
82	20	10053	Brady	TX0034312	4,320	Collection System Improvements	IIIA	PD	1/1/2014	\$96,600				
110	10	10019	West Tawakoni	TX0064513	2,601	Collection System Improvements	IIIA	PD	5/1/2014	\$210,000	30	\$1,942,500	BC	10250
Subtotal, POTW (sec. 212)					66					\$50,270,837	36	\$119,224,721	17	

NPS (Sec. 319)														
1	103	10044	Orangefield WSC	TX0129313	5,031	New Collection Systems	VII	PD	9/1/2014	\$5,459,240				
3	60	10015	La Feria		7,305	Constructed Wetlands & Biostreams	VII	PAD	6/30/2014	\$1,271,661	30	\$5,273,211	BC	10014
7	40	9971	Olmito WSC	TX0113875	5,843	Collection System Extensions	IVA	PD	1/1/2014	\$181,500				9979
8	35	10100	La Joya	TX0127337	3,944	New Sewer Connections	VII	PD	1/1/2014	\$71,876				10103
Subtotal, NPS (sec. 319)					4					\$6,984,277	1	\$5,273,211	1	

Construction Only (Sec. 212)														
4	93	10240	Kerr County ¹		2,613	Center Point Wastewater System		C	8/1/2012	\$19,400,400				
5	91	10239	Ingram ¹		2,909	Eastside & Central Interceptors		C	8/1/2012	\$1,114,577				
6	90	10147	Arlington ³	TX0022802	366,674	2014 CIP Line Replacement	IIIB	C	5/15/2014	\$3,957,600		\$3,957,600		
7	86	9952	Houston ³		2,145,146	Citywide Collection System Rehabilitation	IIIA, IIIB	C	3/1/2014	\$51,900,000				
13	75	10244	Ranger ¹	TX0118702	2,568	Facultative Lagoon WWTP		C	7/1/2012	\$3,480,079	50	\$4,320,079		9126
14	72	10311	Wimberley ¹		580	Downtown Wastewater System		C	5/1/2013	\$4,456,800		\$4,840,457	BC	9755,9756
23	65	10236	Brady ¹	TX0034312	5,500	Brady Lake & City WWTPs		C	4/1/2012	\$17,271,272	50	\$5,780,000	Both	9168
24	65	10237	Brady ¹	TX0034312	5,500	Brady Lake Collection & Reuse		C	4/1/2012	\$7,500,000	30	\$3,000,000	BC	9170
27	60	10250	West Tawakoni ¹	TX0064513	2,601	WWTP Rehabilitation		C	5/1/2012	\$2,792,500	50			10019
28	57	10242	McAllen ¹	TX0133841	129,877	Sprague Sewer		C	5/1/2013	\$17,000,000	30			9440
34	53	9964	Agua SUD ⁴	TX0133841	6,642	Palmview Collection Phase 1	IVA	C	10/1/2013	\$29,351,692	70			
43	48	9933	Weslaco ⁴	TX0052787	35,670	North WWTP Expansion	I, II	C		\$31,885,660		\$3,086,922	BC	

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44	46	10313	Wimberley ¹		580	Downtown Wastewater System		C	5/1/2013	\$480,000		\$635,544	CE	9754,9755
49	42	10312	Wimberley ¹		580	Downtown Wastewater System		C	5/1/2013	\$2,527,440		\$3,208,005		9754,9756
64	32	10140	McAllen ⁴	TX0047449	133,756	South WWTP Upgrade	I, II	C	6/1/2014	\$48,735,000		\$24,904,000	BC	
70	30	9974	San Juan ¹	TX0057592	34,872	Lift Station Rehabilitation	IIIB	C	1/1/2014	\$5,200,000				
75	25	10129	Brownsville ³	TX0071340	202,865	SSO Projects - Construction	IIIA	C	6/1/2014	\$7,869,999		\$650,000	BC	
88	20	10245	San Antonio Water System ³	TX0077801	1,517,000	SSO Reduction Project		C	4/1/2013	\$43,682,751				
89	20	10246	San Antonio Water System ³	TX0077801	1,517,000	SSO Rehabilitation Project		C	2/15/2013	\$23,967,700				9879
99	15	9948	San Antonio Water System ⁴	TX0052639	1,517,000	W6 Western Watershed Relief Line	IIIA	C	3/1/2014	\$11,788,000				
104	11	10238	Castroville ¹	TX0129364	3,053	East Side Lift Station & Force Main		C	9/1/2012	\$1,700,000				9269
105	11	10243	Orange Co WCID # 2 ¹	TX0054810	3,830	Sabine River Outfall		C	9/1/2013	\$2,204,424				
106	11	10251	Falfurrias ¹		4,885	Lift Station Rehabilitation	IIIB	C	3/1/2012	\$1,051,601	30			
107	11	10252	Falfurrias ¹		4,885	Sewer Line Replacement	IIIB	C	3/1/2012	\$1,351,723	30			
119	10	9955	Abilene ³	TX0023973	126,291	Buck Creek PS Improvements	IVB	C	3/1/2014	\$1,808,000		\$452,000	BC	
133	0	9940	San Antonio Water System ⁴	TX0077801	1,517,000	C5 & C28 WW Mains Rehabilitation	IIIB	C	3/1/2014	\$7,575,800				
135	0	9942	San Antonio Water System ⁴	TX0077801	1,517,000	C13 Broadway Corridor	IIIB	C	3/1/2014	\$11,538,700				
136	0	9943	San Antonio Water System ⁴	TX0077801	1,517,000	C33 Broadway Corridor	IIIB	C	3/1/2014	\$15,496,600				
138	0	9945	San Antonio Water System ⁴	TX0077801	1,517,000	Hotwells WW Main Phase 1	IIIB	C	3/1/2014	\$9,507,394				
139	0	9946	San Antonio Water System ³	TX0077801	1,517,000	SSO Reduction	IIIB	C	3/1/2014	\$55,739,850				
140	0	9947	San Antonio Water System ³	TX0077801	1,517,000	SSO Rehabilitation	IIIA	C	3/1/2014	\$21,492,400				
Subtotal, Construction Only (Sec. 212)					31					\$463,827,962	8	\$54,834,607	8	
Construction Only (Sec. 319)														
2	72	10314	Buda ¹		7,230	Hillside Terrace Collection System		C	1/10/2014	\$4,380,000	70			9829
4	60	10120	Brownsville ³	TX0071340	202,865	North Colonias WW Service	IVA	C	6/1/2014	\$3,261,400				
5	50	10128	Brownsville ³	TX0055484	202,865	South Colonias WW Service	IVA	C	6/1/2014	\$2,468,916				
6	45	10308	Aqua WSC ¹		3,102	Stony Point WWCS		C	7/1/2012	\$1,462,043	70			
Subtotal, Construction Only (Sec. 319)					4					\$11,572,359	2	\$0	0	
Totals					105					\$532,655,435	47	\$179,332,539	26	

Phases: P-Planning; A-Acquisition; D-Design; C-Construction

Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

Note: Projects listed in priority order that are not represented on the IPL are bypassed in accordance with procedures in this IUP.

¹ Project received a prior commitment to fund PAD phases

Land acquisition is eligible for CWSRF funding only if it is integral to, or is used in connection 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 excludes land for WWTP sites, easements, etc.

³ Projects requesting only construction phase funding that may be ready to proceed to construction based on review of the PIF

⁴ Projects requesting only construction phase funding that may not be ready to proceed to construction based on review of the PIF

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Appendix L: Invited Green Projects

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Appendix L. Invited Green Project List**

Rank	Points	PIF #	Entity	NPDES #	Green Project Description	Category of Green	Phase(s) ²	Project Cost	GPR	Green Type	Subsidized Green
POTW (Sec. 212)											
8	80	10041	Gustine	TX0117722	Modify the aeration basins and clarifiers at the City's WWTP.	Energy efficiency	PD	\$99,000	\$99,000	BC	x
16	70	10051	Comanche	TX0022730	Replace lines throughout the City to reduce infiltration and inflow.	Energy efficiency	PD	\$72,400	\$72,400	BC	x
20	66	9930	Weslaco	TX0052787	Water reuse	Water efficiency	PD	\$99,600	\$99,600	BC	x
32	55	10014	La Feria	TX0128112	Construct Type I reuse facilities at the City's WWTP and a reclaimed water distribution system.	Water efficiency	PD	\$517,165	\$517,165	BC	x
33	55	10149	Brownsville	TX0055484	Installation of variable frequency drives and LED lighting with the associated lift station rehabilitation; decommissioning 8 lift stations; SCADA	Energy efficiency	PD	\$3,693,900	\$110,817	BC	
39	51	10013	Colorado City		Install 5.5 miles of sewer line to eliminate 5 of the City's 6 existing lift stations.	Energy efficiency	PD	\$450,000	\$450,000	BC	x
42	48	10094	Acton MUD	TX0105163	Expand the District's De Cordova Bend WWTP (#1) from 0.6 to 0.93 MGD. New components are expected to be energy efficient	Energy efficiency	PD	\$235,200	\$23,520	BC	
45	45	9958	Glen Rose	TX0033316	WWTP & Reuse Expansion	Water efficiency; energy efficiency	PD	\$740,000	\$251,600	BC	x
46	45	10001	Elsa	TX0104990	Upgrade three lift stations and replace two force mains. Improvements will include new pumps, motors, piping, valves, electrical panels, and a generator.	Energy efficiency	PD	\$304,800	\$24,384	BC	
47	45	9923	Harris Co WCID # 36	TX0025062	Construct a new 2.0 MGD wastewater treatment plant. New construction is expected to be efficient	Energy efficiency	PD	\$976,593	\$48,830	BC	
48	43	10106	Ballinger	TX0099759	Expand the City's WWTP and effluent recycling land application system.	Water efficiency	PD	\$262,500	\$262,500	BC	x
54	40	10069	Graford	TX0104752	Clean and reconstruct the facultative lagoon and stabilization ponds at the City's WWTP and install energy efficient aeration equipment.	Energy efficiency	PD	\$80,000	\$80,000	BC	x
57	40	10103	La Joya	TX0127337	Collection system work and lift station improvements; SCADA	Energy efficiency	PD	\$344,418	\$192,874	BC	x
59	35	10037	Pecos City		Replacement of sewer lines to reduce I/I	Energy efficiency	PD	\$28,000	\$28,000	BC	x
64	31	10137	Marshall	TX0021784	Rehabilitate the East End Lift Station. The aging lift station is inefficient and has no reliable source of emergency power.	Energy efficiency	PD	\$242,650	\$53,383	BC	
65	31	10002	Port Arthur	TX0047589	New WWTP with energy efficient motors, controls, and process equipment; the City's main lift station will be eliminated	Energy efficiency	PD	\$5,976,950	\$5,319,486	BC	x
69	25	10109	Olney	TX0024261	Construct a pump station and pipeline to transport effluent and augment supplies in Lake Olney.	Water efficiency	PD	\$312,000	\$212,160	BC	x
70	25	10073	Willow Park	TX0099732	Collection system rehaabilitation to reduce I/I	Water efficiency	PD	\$118,800	\$118,800	BC	x
72	25	10126	Brownsville	TX0071340	Deliver 5 to 6 million gallons per day of reclaimed water from the Robindale WWTP to industries north of Brownsville.	Water efficiency	PD	\$2,222,045	\$244,425	BC	
73	21	10070	Lone Oak	TX0100021	Install a new lift station and sewer lines, and replace three pumps in an existing lift station.	Energy Efficiency	PD	\$102,000	\$102,000	BC	x

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74	21	10075	Electra	TX0026964	Install 4.5 miles of sewer line in order to eliminate 10 lift stations.	Energy Efficiency	PD	\$400,442	\$400,442	BC	x		
77	20	10078	Greater Texoma UA	TX0026883	Collection system rehaabilitation to reduce I/I	Energy Efficiency	PD	\$191,394	\$70,816	BC	x		
110	10	10019	West Tawakoni	TX0064513	Collection system rehaabilitation to reduce I/I	Energy Efficiency	PD	\$210,000	\$210,000	BC	x		
Subtotal, POTW (sec. 212)								23		\$17,679,857	\$8,992,201		17

NPS (Sec. 319)													
3	60	10015	La Feria		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.	Green infrastructure	PAD	\$1,271,661	\$1,271,661	BC	x		
Subtotal, NPS (sec. 319)								1		\$1,271,661	\$1,271,661		1

Construction Only (Sec. 212)											
5	90	10147	Arlington ³	TX0022802	Replace of 13,100 feet of 15 to 24-inch diameter pipe in two segments to reduce infiltration and inflow.	Energy Efficiency	C	\$3,957,600	\$3,957,600	BC	x
11	75	10244	Ranger ¹	TX0118702	Use of effluent for irrigation	Water efficiency	C	\$3,480,079	\$4,320,079	BC	x
12	72	10311	Wimberley ¹		Treated effluent will be used as a subsurface irrigation system from the Blue Hole Regional Park near downtown. In addition, reclaimed water may be made available to customers within the service area.	Water efficiency	C	\$4,456,800	\$4,840,457	BC	x
19	68	9938	Weslaco ⁴	TX0116394	Reuse is a target from this expansion by utilizing effluent for irrigation purposes.	Water efficiency	C	\$45,912,871	\$1,181,359	BC	
22	65	10236	Brady ¹	TX0034312	Effluent reuse; LEED certified building	Water efficiency; environmentally innovative	C	\$17,271,272	\$5,780,000	Both	x
23	65	10237	Brady ¹	TX0034312	Effluent reuse; LEED certified building	Water efficiency; environmentally innovative	C	\$7,500,000	\$3,000,000	BC	x
43	48	9933	Weslaco ⁴	TX0052787	New 2.0 MGD reuse water system will include cloth media disc filtration, submersible pump lift station, yard piping distribution system and hydrostatic tank.	Water efficiency	C	\$31,885,660	\$3,086,922	BC	
44	46	10313	Wimberley ¹		The project includes the installation of an effluent pump and reclaimed water distribution piping to deliver reclaimed water to potential users in downtown.	Water efficiency	C	\$480,000	\$635,544	CE	x
49	42	10312	Wimberley ¹		The proposed collection system will be used to convey the treated effluent generated from the proposed treatment plant. The treated effluent will then be used as a subsurface irrigation system for the Blue Hole Regional Park near downtown.	Water efficiency	C	\$2,527,440	\$3,208,005		x

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67	30	10140	McAllen ⁴	TX0047449	(1) Replacement of inefficient equipment with premium efficiency diffused aeration equipment and high speed blowers expected to reduce energy consumption by approximately 50%. (2) Replacement of existing aeration basins and aerobic digester with new, deeper structures for optimized O2 transfer and minimized energy consumption. (3) Aeration basins will be configured with anaerobic and anoxic zones and internal mixed liquor recycle that will further decrease oxygen and energy requirements. (4) RAS pumps will be replaced and driven by VFDs to minimize power consumption.	Energy Efficiency	C	\$48,735,000	\$24,904,000	BC	x
71	25	10129	Brownsville ³	TX0071340	Replace 3,178 of vitrified clay pipe with PVC pipe and rehabilitate 13 lift stations.	Energy Efficiency	C	\$7,869,999	\$650,000	BC	
116	10	9955	Abilene ³	TX0023973	In order to minimize the operation and maintenance costs of continuing to operate the screw pumps, the City proposes to supplement the existing screw pump system with a submersible pump station (with VFDs) appropriately sized to meet the full flow capacity of the 48-inch interceptor. This replacement will result in a substantial decrease in energy consumption to operate the new submersible lift station, as compared to current demands.	Energy Efficiency	C	\$1,808,000	\$452,000	BC	
Subtotal, Construction Only (Sec. 212)				12				\$175,884,721	\$56,015,966		8
Totals				36				\$194,836,239	\$66,279,828		26

Phases: P-Planning; A-Acquisition; D-Design; C-Construction

Green Type: BC-Business Case; CE-Categorically Eligible; Both-Project consists of both CE and BC components

Note: Projects listed in priority order that are not represented on the IPL are bypassed in accordance with procedures in this IUP.

¹ Project received a prior commitment to fund PAD phases

² disposal of residues resulting from such treatment. This includes land that is used specifically to treat water (e.g. effluent disposal fields, facultative

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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](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=375).