

STATE OF TEXAS

Intended Use Plan

Clean Water State Revolving Fund

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



SFY 2017

TEXAS WATER DEVELOPMENT BOARD
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SFY 2017 Intended Use Plan

Dated: August 25, 2016

Cover Photo: Roadside bioswale - a stormwater and nonpoint source project

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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 [http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=375](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=375)

Clean Water State Revolving Fund Acronyms

ACS	American Community Survey
ADF	Average Daily Flow
AIS	American Iron & Steel
AMHI	Annual Median Household Income
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DWSRF	Drinking Water State Revolving Fund
EPA	Environmental Protection Agency
FFY	Federal Fiscal Year
GPR	Green Project Reserve
HCF	Household Cost Factor
IIPL	Initial Invited Projects List
IUP	Intended Use Plan
MGD	Million Gallons Per Day
NEPA	National Environmental Policy Act
PIF	Project Information Form
POTW	Publically Owned Treatment Works
PPL	Project Priority List
SFY	State Fiscal Year
SRF	State Revolving Fund
SSO	Sanitary Sewer Overflow
TCEQ	Texas Commission on Environmental Quality
TMDL	Total Maximum Daily Load
TWDB	Texas Water Development Board
WAP	Watershed Action Planning
WRRDA	Water Resources Reform and Development Act of 2014

I. Overview

The Clean Water State Revolving Fund (CWSRF) assists communities by providing below market-rate financing and various levels of principal forgiveness for a wide range of projects that facilitate compliance with the water pollution control requirements of the Clean Water Act (CWA). The program provides year-round funding of wastewater and other eligible projects after they have been included in the Intended Use Plan.

For State Fiscal Year (SFY) 2017, a total of \$525 Million is available under the CWSRF for all financing options including approximately \$18 Million in principal forgiveness. Of the total amount available, \$506 Million will be offered at interest rates of 120 to 155 basis points below the borrower's market rate level. These savings directly lower the overall cost of complying with the water pollution control requirements that maintain healthy, clean water throughout the state.

II. Purpose

In 1987 Congress passed federal amendments to the CWA that established the CWSRF program. The Texas Water Development Board (TWDB) is authorized by state law to administer this program for Texas. CWSRF is authorized by the CWA to provide financial assistance for the construction of publicly owned treatment works; the funding of nonpoint source projects; and the funding of estuary protection projects. Throughout this document we refer to these types of projects simply as publicly owned treatment works, nonpoint source, and estuary or estuary management projects. In addition, the Water Resources Reform and Development Act (WRRDA) of 2014 increased the types of projects eligible under the CWSRF.

Annually, the State must prepare an Intended Use Plan (IUP) that describes how it intends to use CWSRF program funds to support the overall goals of the program. The IUP must contain a number of elements required by the Environmental Protection Agency (EPA) covering the operation of the CWSRF and is a central component of the TWDB's application to EPA for the capitalization grant.

The IUP contains the state's priority list of projects to receive funding under the CWSRF. This list is subdivided further into an Initial Invited Projects List (Appendix K), which represents the projects that will be invited to submit applications after Board approval of the IUP. After the initial invitation round, the remaining applications for funding under this SFY 2017 IUP will be accepted on a first-come, first-served basis throughout the year until the SFY 2018 IUP is approved.

III. Projects to Fund

A. Eligible Applicants

Applicants eligible to apply for assistance include:

- Wastewater treatment management agencies, including interstate agencies and water supply corporations that have been designated and approved as a management agency in the Texas Water Quality Management Plan
- 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
- Intermunicipal, interstate, or State agencies
- Authorized Indian tribal organizations
- Private entities for nonpoint source projects or estuary projects only
(A water supply corporation that has been designated and approved as a management agency in the Texas Water Quality Management Plan is considered a “municipality” and is therefore eligible for funding for Publically Owned Treatment Works and other activities.)

B. Eligible and Ineligible Use of Funds

1. Examples of eligible project costs include planning, acquisition, design, and construction of projects to:
 - Create or improve wastewater treatment facilities, reuse/recycle facilities, and collection systems
 - Purchase existing wastewater treatment plants
 - Control nonpoint source pollution
 - Manage estuaries
 - Implement green projects (pursuant to EPA guidance)
 - Pay for other costs necessary to secure or issue debt
 - Purchase land necessary for construction on an eligible project
 - Manage, reduce, treat, or recapture stormwater or subsurface drainage water
 - Reduce the demand for publically owned treatment works capacity through water conservation, efficiency, or reuse (for a municipality or intermunicipal, interstate, or State agency only)
 - Develop and implement watershed pilot projects
 - Reduce the energy consumption needs for publically owned treatment works (for a municipality or intermunicipal, interstate, or State agency only)
 - Re-use or recycle wastewater, stormwater, or subsurface drainage water
 - Increase the security of publically owned treatment works
 - Water meters as a water conservation measure (to address, for example, water loss if a utility’s total water loss meets or exceeds the threshold established in TWDB rules.)

2. Examples of ineligible project costs include:

- Projects primarily intended to facilitate growth
- Publically Owned Treatment Works (POTW) (as defined in Section 212) projects for systems that are owned by a private entity or any other entity that is not considered a municipality or intermunicipal, interstate, or State agency
- Treatment works owned or operated by a federal agency
- Excavation, testing, remediation, or disposal of hazardous, contaminated, or potentially contaminated material

IV. Significant Program Changes

The significant program change from the previous year's IUP is highlighted below.

- **Emergency funding with a zero percent (0%) interest rate. (Section VI)** Projects that qualify for Emergency Relief funding may receive financial assistance with an interest rate of zero percent. The amount of funds available for Emergency Relief funding with an interest rate of zero percent is limited.

V. Amount Available

1. Allocations

Texas is eligible for a capitalization grant from funds appropriated by Congress for Federal Fiscal Year (FFY) 2016. The TWDB will use the grant, along with other available sources of funds, to provide \$525,000,000 for projects in this SFY 2017 IUP. The sources of funds include the FFY 2016 capitalization grant, state match, principal and interest repayments from financial assistance, investment earnings, additional cash resources, and if demand warrants, the net proceeds from bond issues.

The CWSRF program offers subsidies in the form of below-market interest rates and additional subsidization. The additional subsidization is offered in the form of principal forgiveness to eligible disadvantaged communities and green projects. Throughout the IUP, this principal forgiveness may be referred to as Additional Subsidization, Subsidized Green funding or Disadvantaged Community funding.

The \$525,000,000 available for SFY 2017 will be allocated to the following funding options.

Funds Available

Funding Option	Allocation
Additional Subsidization:	
a. Disadvantaged Community (<u>Equivalency only</u>)	\$13,740,300
b. Subsidized Green * (<u>Equivalency</u> or <u>Non-Equivalency</u>)	\$4,580,100
Bonds/Loans (Equivalency or Non-Equivalency)	\$506,679,600
Total	\$525,000,000

* Green projects that implement a process, material, technique, or technology to address water-efficiency goals; energy-efficiency goals; mitigate stormwater runoff; or encourage sustainable project planning, design, and construction.

Of the total amount made available for Additional Subsidization, an amount equal to 10% of the EPA capitalization grant, or \$6,106,800, may be offered to any eligible entity. In accordance with WRRDA, any Additional Subsidization provided in excess of this level may only be provided to a municipality or intermunicipal, interstate, or State agency.

2. Level of Savings Available Under Each Funding Allocation:

Funding Option	Principal Forgiveness	Interest Rates		Origination Fee
		Equivalency	Non-Equivalency	
Disadvantaged Community	30%, 50%, or 70%	155 basis points below market *	N/A	1.85% **
Subsidized Green	15%	155 basis points below market *	120 basis points below market *	
Bonds/Loans	N/A	155 basis points below market *	120 basis points below market *	
Emergency Relief Loans/Bonds	N/A	0% ***	0% ***	
* Based on a level debt service schedule ** Not assessed on the principal forgiveness portion *** Amount of Emergency Relief funding available at 0% is limited				

VI. Funding Options and Terms

The CWSRF has two tiers of funding: Equivalency and Non-Equivalency.

Equivalency (Federal Requirements) - A portion of the CWSRF funds must follow all federal requirements commonly known as cross-cutters. This type of financial assistance is referred to as Equivalency and offers an interest rate of 155 basis points below the market rate based on a level debt service schedule. The TWDB requires applicants seeking Equivalency financial

assistance to complete and submit a Pre-award Compliance Review Report which lists the federal requirements that apply to their project. More information on the federal cross-cutters may be found in Appendix E.

Non-Equivalency (State Requirements) - Non-Equivalency financial assistance is not subject to federal cross-cutter requirements, with the exception of the federal anti-discrimination laws, also known as the super cross-cutters. This type of assistance offers an interest rate of 120 basis points below the market rate based on a level debt service schedule.

1. Funding Options Available:

Entities listed on the Initial Invited Projects List (IIPL) and subsequent Project Priority Lists (PPLs) may be invited to apply for one of the following funding options.

a. Disadvantaged Community Funding (Equivalency only)

For an entity to qualify as a disadvantaged community, the community must meet the CWSRF’s affordability criteria based on income, unemployment rates, and population trends. In addition, the entity must be eligible to receive Additional Subsidization. (See Appendix D for full details). In summary, the Annual Median Household Income (AMHI) of the entity’s area to be served must be less than or equal to 75% of the State’s AMHI and the Household Cost Factor (HCF) that considers income, unemployment rates, and population trends must be greater than or equal to 1% if only water or sewer service is provided or greater than or equal to 2% if both water and sewer service are provided. The percent of principal forgiveness is based on the difference between the calculated and minimum required household cost factors, as illustrated in the following table:

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

This funding option offers a financial assistance component with the interest rate subsidy and 30%, 50%, or 70% of the total project cost in principal forgiveness. The maximum repayment period is 30 years. The origination fee will not be applied to project costs that are funded with principal forgiveness. Additional information may be found in Appendix D.

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

Entities may receive Subsidized Green principal 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. The project may be eligible for Additional Subsidization by implementing a process, material, technique, or technology (i) to address water-efficiency goals; (ii) to address energy-efficiency goals; (iii) to mitigate stormwater runoff; or (iv) to encourage sustainable project planning, design, and construction. This funding option offers principal forgiveness for up to 15% of the total eligible green component costs and is available for Equivalency or Non-Equivalency projects. Additional information may be found in Appendix E.

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

All entities listed on a PPL that are invited to submit an application are eligible for funding Equivalency or Non-Equivalency projects through the TWDB's purchase of the entity's bonds or through a loan agreement.

An origination fee of 1.85% is assessed at closing on the portion of a commitment that requires repayment. The origination fee does not apply to any principal forgiveness amounts. The financial assistance recipient has the option of financing the origination fee or paying this fee up front at closing.

An entity may receive Disadvantaged Community and Subsidized Green principal forgiveness concurrently with a bond or loan.

2. Emergency Relief Projects:

The TWDB may consider Emergency Relief funding to replace or rehabilitate essential wastewater treatment facilities that pose an imminent peril to public health, safety, environment, or welfare and threat of failure in response to an emergency condition(s) and for other eligible CWSRF activities to provide emergency relief from an imminent threat to public health, safety, environment or welfare. Emergency Relief projects are defined in 31 Texas Administrative Code §375.31(f) as those affected by natural disasters with the requirement that the applicant demonstrate that a need exists for emergency relief from an imminent threat to public health, safety, environment or welfare. The applicant must also describe the nature of the threat and provide a complete description of the proposed emergency relief project. Projects will be rated by the TWDB and added to the PPL as "Emergency Relief" projects. Emergency relief projects submitted after the March 3, 2016 project information form submission deadline may be invited in the first round of invitations for SFY 2017 funding. Projects that TWDB determines qualify for Emergency Relief funding may receive funding with the interest rate reduced to zero percent. The amount of funds available for Emergency Relief funding with an interest rate of zero percent is limited. The Executive Administrator may bypass projects to provide funding to emergency relief projects. An emergency relief project may qualify and receive Disadvantaged Community and Subsidized Green funding concurrently, provided funding is available.

3. Terms of Financial Assistance

Financing may be offered for a term of up to 30 years for the planning, acquisition, design, and/or construction phases according to TWDB determined guidelines and in accordance with the CWA. The term of financial assistance offered may not exceed the projected useful life of an eligible project.

4. Federal Requirements on Available Funds

All funds are subject to certain federal requirements such as the (a) Davis-Bacon Act prevailing wage provision, (b) National Environmental Policy Act (NEPA)-like environmental review, (c) Generally Accepted Accounting Principles, (d) Cost and Effectiveness Analysis (for municipality or intermunicipal, interstate, or State agencies only) and (e) American Iron and Steel requirements.

A portion of the CWSRF funds, in an amount equal to the federal capitalization grant, must follow all federal cross-cutters. These CWSRF-funded projects are referred to as Equivalency projects. The federal cross cutters that apply to Equivalency projects include compliance with EPA's Disadvantaged Business Enterprise program administered by TWDB. Equivalency projects receive an additional interest rate reduction of 35 basis points over the 120 basis point reduction for non-equivalency projects. Equivalency projects must also follow the requirements associated with Architectural and Engineering contracts funded directly with CWSRF and the EPA signage requirements. Furthermore, a recipient of a loan through a loan agreement for a project that involves the repair, replacement, or expansion of a POTW must develop and implement a fiscal sustainability plan or certify that it has already developed and implemented a fiscal sustainability plan. This applies to a recipient of a loan only through a loan agreement and does not apply to financial assistance involving the TWDB's purchase of the recipient's bonds. (see Appendix E for details of Federal Requirements)

VII. Multi-year Commitments

In SFY 2017, the CWSRF will offer multi-year commitments up to five years to assist entities that need to fund projects over a period of time. This option will provide a reliable source of capital based on a commitment structure that meets the annual capital requirements of the project. To assist in providing for long-term financial planning, the minimum interest rate reduction (e.g. 120 or 155 basis points) for the multi-year commitments will be established and locked for the five-year period based on the interest rate reduction prescribed in the IUP for the first year's commitment. If the interest rate reduction is increased for a particular year during the multi-year commitment period, the entity will receive the benefit of the increased reduction for that year. Similarly, if the loan origination fee is reduced for a particular year during the multi-year commitment period, the entity will receive the benefit of the lower loan origination fee for that year.

This option is only available for projects that do not receive Additional Subsidization in the form of principal forgiveness as a Disadvantaged Community based on the affordability criteria. However, the entity receiving a multi-year commitment may receive Additional Subsidization for the other eligible options, such as green subsidy, for the amount of funds committed for the initial year.

Annually, prior to the development of each year’s IUP, any entity receiving a multi-year commitment will be required to re-confirm their anticipated funding commitments established with the initial commitment.

VIII. Cost Savings Calculation

The CWSRF program provides cost-effective funding that will result in significant savings compared to market rate financing. The chart below illustrates the estimated savings from using the CWSRF based on the Loan Comparison Calculator currently located on the TWDB website (<http://www.twdb.texas.gov/financial/index.asp>). This example assumes a borrower with an AA market rating receives CWSRF financial assistance of \$10 Million over 30 years with an interest rate reduction of 120 basis points from the market rate.

Funding Option	Cost of Funds	CWSRF Amount of \$10,000,000 over 30 yrs.		% Savings over Market
		Debt Service Payments over 30 Years	Present Value of Payments over 30 Years	
Market – Borrower rating of AA	2.5%	\$14,420,000	\$11,774,000	
CWSRF Non-equivalency	1.3%	\$12,254,000	\$10,000,000	
Savings Using CWSRF *		\$2,166,000	\$1,774,000	18%

* Rates were current as of June 9, 2016. The example above is for illustrative purposes only.

IX. Goals

The primary goal of the Texas CWSRF program is to restore and maintain the chemical, physical, and biological integrity of the state's waters by preventing the discharge of pollutants. In addition, the overall goals of the CWSRF program are to prevent the discharge of pollutants from point and nonpoint sources; identify and provide funding for maintaining and/or bringing publicly owned treatment works into compliance with EPA clean water standards; to support affordable and sustainable wastewater treatment processes; and to maintain the long-term financial health of the program. Specific goals to achieve those ends are listed below.

A. Short-Term Goals

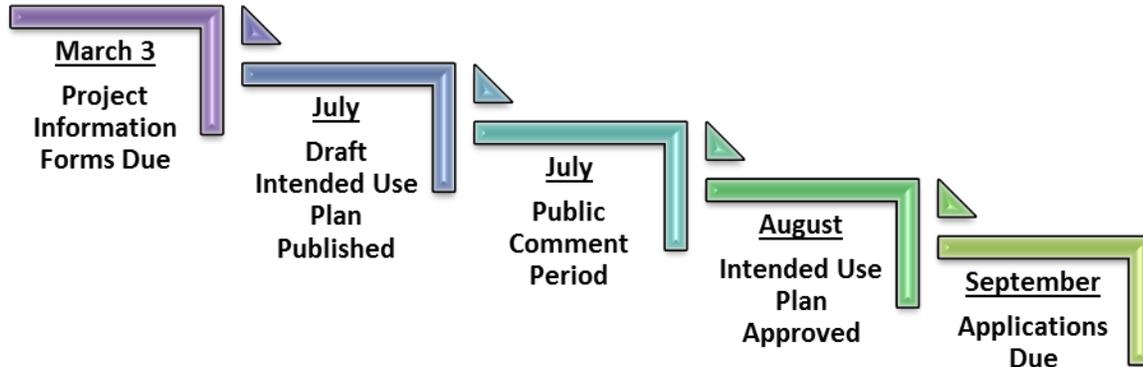
1. Encourage the use of green infrastructure and technologies by offering principal forgiveness for green projects that address water efficiency, energy efficiency, mitigation of stormwater runoff; or encourage sustainable project planning, design, and construction.
2. Offer terms of up to 30 years for planning, acquisition, design, and/or construction in accordance with TWDB determined guidelines and the CWA.
3. Provide financing to communities listed in the IUP that are under enforcement orders to meet the deadlines for compliance with the CWA.
4. Utilize, if necessary, the strength of the CWSRF to enhance the Drinking Water State Revolving Fund (DWSRF) by cross-collateralizing the programs in accordance with state and federal law.
5. Enhance our current level of outreach on the State Revolving Fund (SRF) programs by hosting regional financial assistance workshops in conjunction with the continued use of social media.
6. Offer financial assistance with an interest rate of zero percent to projects that qualify for Emergency Relief funding.

B. Long-Term Goals

1. Maintain the fiscal integrity of the CWSRF in perpetuity.
2. Employ the resources of the CWSRF in the most effective and efficient manner to prevent the discharge of pollutants into the state's waters, assist communities in maintaining compliance with EPA's clean water standards, and maintain a strong financial assistance program that is responsive to changes in the state's priorities and needs.
3. Assist borrowers in complying with the requirements of the CWA by meeting the demands for funding eligible projects by providing financial assistance with interest rates below current market levels and with Additional Subsidization in the form of principal forgiveness.
4. Support the development of POTW and other systems that employ effective utility management practices to build and maintain the level of financial, managerial and technical (FMT) capacity necessary to ensure long-term sustainability.

X. Participating in the CWSRF Program

Below are the major steps in the production of the initial IUP for SFY 2017.



A. Solicitation of Project information

Project information was solicited from eligible entities across the state using direct emails, notices posted on the TWDB website, and regional financial assistance workshops held throughout the State. Potential applicants submitted Project Information Forms (PIFs) by the response deadline of March 3, 2016.

The required information submitted on a PIF consisted of:

- A detailed description of the proposed project.
- A map(s) showing the location of the service area.
- An estimated total project cost that is certified by a registered professional engineer if project costs are greater than \$100,000.
- A checklist and schedule of milestones to determine a project's readiness to proceed to construction.
- The population currently served by the applicant.
- Green project information, if applicable.
- Signature of the applicant's authorized representative.
- Additional information detailed within the solicitation for projects as needed to establish the priority rating.

B. Updating Projects from the Prior Intended Use Plan

For SFY 2017, a potential applicant must update, at a minimum, the readiness to proceed information, and if seeking disadvantaged community eligibility, the socioeconomic economic census data and utility rate information. The requirement to update the readiness to proceed information will apply to an entity that previously received a commitment for Planning, Acquisition and/or Design only and desires to be considered for the construction portion of the project.

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

All PIFs were evaluated by the TWDB and projects determined to be eligible for funding were scored and ranked according to the established rating criteria. The TWDB also evaluated the eligibility of projects for Disadvantaged Community funding, following the affordability criteria used for determining eligibility as presented in Appendix D. Throughout the evaluation process, entities were contacted by staff if additional information was needed for clarifying their eligibility for disadvantaged status or effective management points.

The TWDB performed the priority rating of projects by assigning points for projects that addressed factors as briefly described below, with details provided in Appendices C and D. For information on scoring for specific projects, a report detailing the scoring for each project will be posted on the TWDB's website.

1. Rating Criteria for Publicly Owned Treatment Works Projects (§212 projects)

- Enforcement action imposed by judicial or regulatory authorities.
- Water quality impacts that protect stream segments and groundwater from pollution.
- Serving unserved areas by bringing individual systems into a centralized system or addressing unsatisfactory on-site systems.
- Innovative or alternative technology or approaches to treatment.
- Regionalization of treatment works that will consolidate and eliminate systems.
- Reduction or prevention of sewer system overflows and inflow and infiltration.
- Reduction in demand for publically owned treatment works capacity through water conservation, efficiency, or reuse.

2. Rating Criteria for Nonpoint Source (§319 projects) /Estuary Management Projects (§320 projects)

- Nonpoint source projects must be an identified practice within a water quality management plan or a best management practice described or referenced in the Texas Nonpoint Source Management Program.

- Improving public health by addressing conditions that a public health official has determined are a nuisance and/or are dangerous to public health and safety. The conditions must result from water supply and sanitation problems in the area to be served by the proposed project.
- Protecting groundwater by minimization of the impact of pollutants to an aquifer or groundwater.
- Impaired water body improvements in any water body that does not meet applicable water quality standards or is threatened by one or more pollutants.

3. Additional Rating Criteria for All Eligible Projects

All projects may receive additional points for the following:

- The majority of the funds being requested from the SRF for the project are to be used to implement innovative approaches to manage, reduce, treat, or recapture stormwater or subsurface drainage water.
- The majority of the funds being requested from the SRF for the project are to be used to implement reuse or recycling wastewater, stormwater, or subsurface drainage water.
- Employ effective management strategies by adopting or planning to prepare an Asset Management Plan, providing training to the applicant's governing body and employees, addressing water conservation and energy efficiency, and implementing a project that is part of a state, regional, or conservation water plan.
- Serving a disadvantaged community.

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

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

1. The applicant for a proposed project changes but the project does not change;
2. The number of participants in a regional project changes and the change does not result in a change to the rating; or

3. The fundable amount of a proposed project does not increase by more than 10% of the amount listed in the approved IUP. The Executive Administrator may waive the 10% limit to incorporate additional elements to the project; however, any Additional Subsidization awarded may not exceed the original IUP amount's allocation.

The IIPL presented in the IUP (Appendix K) refers to a subset of projects from the PPL and includes only the projects to be invited to apply for funding during the initial invitation round following the Board's approval of the IUP. The IIPL includes the type and amount of funding necessary to meet requirements and goals of the CWSRF, such as Additional Subsidization and Reserve requirements. Based on a review of readiness to proceed to construction, the TWDB determined which phases would be eligible to receive funding during SFY 2017. The phases indicated on the IIPL represent the phases deemed eligible based on that review. Projects that were determined to be ready to proceed to construction were included on the IIPL. If an entity is interested in applying for additional phases of the project not listed on the IIPL or not mentioned in the invitation letter, an updated Readiness to Proceed to Construction form must be submitted and an eligibility determination will be made by TWDB prior to the pre-application meeting.

An entity that previously received a commitment for Planning, Acquisition and/or Design only and desires to be considered for the construction portion of the project must update, at a minimum, the readiness to proceed information. It will then be added to the PPL 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.

A project submitted for the SFY 2017 IUP that received a commitment for all requested phases from TWDB prior to creation of the initial PPL has not been included on the initial PPL. Those projects that already received the commitment are shown as being ineligible for funding. A project that previously received a commitment from TWDB for only the initial phase of the project, such as planning, acquisition, and/or design, and also provided an update of the project's readiness to proceed to the construction phase has been listed on the initial PPL.

For SFY 2017, the IIPL represents projects with costs exceeding the available amount of funds allocated for Equivalency projects. Once the amount of funds allocated to Equivalency projects has been reached, funds will be allocated to Non-Equivalency projects.

E. Bypassing Projects

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

F. Phases on the Initial Invited Projects Lists

1. Pre-Design Funding Option (or Planning, Acquisition, Design and Construction Funding)

The pre-design funding option allows an applicant to receive a single commitment for all phases of a project. The construction portion of the project must be deemed ready to proceed before funds for the construction phase will be released.

2. Construction Funding Only

All projects that were determined to be ready to proceed to construction based on the current status of their planning, acquisition, and design activities were included on the IIPPL and will receive an invitation to fund the construction portion of the project.

3. Planning, Acquisition, and Design Funding

A project on the IIPPL was not deemed ready to proceed to construction may receive an invitation to fund only the Planning, Acquisition, and/or Design portion of the project.

G. Invitations and Application Submissions

Entities with projects on the IIPPL will be informed of the opportunity to submit an application for the project phases shown on the list using the funding options in the next section. **The projects listed on the IIPPL that are interested in pursuing funding are encouraged to begin working on their applications upon publication of the draft IUP in order to have a complete application ready to submit after the IUP is approved.** Prior to submitting an application, entities are required to participate in a pre-application meeting to discuss the application process and project requirements. Invited applications from projects on the IIPPL that are received during the initial invitation round after Board approval of the IUP will be allotted funding for Additional Subsidization (principal forgiveness) based on rank order. All projects must be determined administratively complete as submitted or within 14 days from the date the applicant receives a notice to correct deficiencies or any Additional Subsidization may be re-allotted on a first-come, first-served basis.

Each application received by the TWDB will be reviewed to ensure that the required milestones have been met to allow funding of the phase(s) being requested. If the application review determines that a project is not ready to proceed for funding for the phase(s) being requested, the project may be bypassed for any additional subsidy amounts or receive limited phases of funding.

Entities invited for only planning, acquisition and/or design phases but wish to pursue Construction phase funding, may provide an updated Readiness to Proceed to Construction form for review.

Projects may be bypassed if an applicant fails to timely submit a complete application or additional requested information. After the initial invitation period, all other projects on the PPL will be invited and applications will be processed on a first-come, first-served basis,

with funding allocations based on the date the application is considered administratively complete.

Applicants may submit a PIF at any time to be considered for inclusion on the amended PPL. Eligible projects will be rated and ranked and added to the project lists. Amendments to the project lists will undergo a 14-day public review period that will be advertised on the agency website. Once the project has been added to the amended PPL, the TWDB will send out an invitation to apply on a first-come, first-served basis provided funding is available.

H. Addressing Any Water Loss Mitigation within the Application

If a retail public utility's total water loss meets or exceeds the threshold for that utility in accordance with 31 Texas Administrative Code §358.6 the retail public utility must use a portion of any new CWSRF financial assistance, or any other financial assistance provided by TWDB, for eligible project costs to mitigate the utility's water loss. However, at the request of a retail public utility, the TWDB may waive this requirement if the TWDB finds that the utility is satisfactorily addressing the utility's system water loss. Mitigation, if necessary, will be in a manner determined by the retail public utility and the TWDB's Executive Administrator in conjunction with the project proposed by the utility and funded by TWDB.

I. Commitment Timeframes for Projects with Principal Forgiveness Component(s)

Due to the high demand and limited availability of subsidized funding, it is imperative that applicants offered these funds proceed in a timely manner. Therefore, the TWDB has established commitment timeframes for projects that qualify and have been designated to receive Additional Subsidization in the form of principal forgiveness. If an applicant does not proceed through the application process and obtain a funding commitment within the timeframes listed below, the Additional Subsidization may be re-allocated to another eligible project. In extenuating circumstances, TWDB may grant an extension of time for obtaining a commitment if an applicant demonstrates sufficient reason for a delay.

Principal Forgiveness Type	Commitment Deadline
Disadvantaged Community	4 months
Subsidized Green	4 months

J. Closing Deadlines

The deadline to close a commitment is dependent on whether the commitment includes Additional Subsidization in the form of principal forgiveness. All commitments that include principal forgiveness funding concurrently with bonds/loan funding must close within six months from the date of the commitment. All commitments for bonds/loan funding without any principal forgiveness funding must close within one year from the date of the commitment. For multi-year commitments described in the next section, the closing

deadline for the initial year will follow the chart below. For each subsequent year, the commitment must close within the dates established by the TWDB at commitment. In extenuating circumstances, the Board may grant extensions of time to close if an applicant demonstrates sufficient reason for a delay.

Type of Financial Assistance	Closing Deadline
All commitments that include principal forgiveness and bonds/loan	6 months
All commitments for bonds/loan without any principal forgiveness	12 months

K. 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.

2. Additional Project Funding Before Closing

The total project costs may be increased if the entity shows that additional funds are necessary to implement the project. If the project includes Additional Subsidization the total amount of Additional Subsidization in the form of principal forgiveness allocated to the project may not increase from the amount listed in the adopted IUP unless Additional Subsidization funding is available.

3. Cost Overruns After Closing

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

L. Leveraging to Provide Additional Funding

The TWDB sells bonds to obtain additional funds that leverage the CWSRF program as necessary to meet the demand for funding additional clean water projects.

M. Funds from Prior Years

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

N. Transfer of Funds

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

O. Updates to the Intended Use Plan

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

XI. Financial Status

The base amount of funding available for SFY 2017 is set at \$525,000,000. The amount of the FFY 2016 capitalization grant allotment for the CWSRF is \$61,068,000, with a match of \$12,213,600 to be provided by the state. The TWDB will comply with the requirements associated with the FFY 2016 allotment in SFY 2017.

A. Administration

The maximum annual amount of CWSRF money (not including any origination fees) that may be used to cover the reasonable costs of administering the fund is the greatest of the following:

1. an amount equal to four percent of all grant awards received by a State CWSRF less any amounts that have been used in previous years to cover administrative expenses;
2. \$400,000; or
3. 1/5 percent of the current valuation of the fund.

For SFY 2017, the TWDB has allocated funds equal to four percent of the FFY 2016 capitalization grant of \$61,068,000 or \$2,442,720 in accordance with the first option listed above. The annual and cumulative amounts used for administrative costs are reported in the CWSRF Annual Report.

B. Sources of State Match

The deposit of required state match will occur in advance or at the time of the scheduled grant payment and the source of funding for the match, which may include the proceeds from bond sales, varies based upon availability.

C. Binding Commitment Requirement

The TWDB will enter into binding commitments during SFY 2017 that total 120% of the amount of a FFY 2016 grant payment allocated to projects within one year after receipt of the grant payment. A binding commitment occurs when the TWDB's Board adopts a resolution to commit funds to a project. To meet the binding commitment requirement, the initial round of projects invited to submit applications exceeds the amount of the capitalization grant and state match funds. After the initial invitation round, TWDB invites additional entities to submit applications on a first-come, first-served basis. If all of the grant funds are not committed or otherwise obligated; grant funds remaining after the SFY 2017 funding cycle has ended will be rolled forward to the SFY 2018 IUP.

D. Leveraging and Cross-collateralization

The CWSRF is leveraged to provide funds over and above the capitalization grant and state match for a wide range of projects that address the state's water quality needs. As authorized by the Clean Water and Safe Drinking Water Acts and the Texas Water Code, the TWDB may use the assets of the CWSRF and the DWSRF as a source of revenue and security for the payment of the principal and interest on revenue bonds for the CWSRF and DWSRF. The authority to cross-collateralize the CWSRF and DWSRF enhances the ability of the DWSRF to leverage its funds and increase its lending capacity without harm to the SRF programs.

E. Method of Cash Draw

The method of cash draw for the FFY 2016 capitalization grant is to expend the required state match first, and then federal funds will be drawn at a rate of 100%.

F. Long-Term Financial Health of the Fund

The long-term financial health of the CWSRF is monitored through ongoing cash flow and capacity modeling. The TWDB lending rate policy has been established to preserve the corpus of the capitalization grants and state match funds, excluding the amount of principal forgiveness and administration from each grant. The TWDB will continue to manage the CWSRF to ensure funds will be available in perpetuity for activities under the CWA.

G. Interest Rate Policy

The TWDB has established an interest rate policy that provides for fixed rates. The program is designed to provide borrowers with a reduction from the market based on a level debt service payment schedule. For SFY 2017, Equivalency financial assistance will be offered at 155 basis points below the market rate and Non-Equivalency financial assistance 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 financial assistance agreement and are in effect for forty-five days.

H. Fees

The only fee is an origination fee of 1.85% that is assessed at closing. Fees are not deposited into the CWSRF. The fees may be used for administrative costs, including, but not limited to, project oversight, and long-term financial monitoring.

I. EPA Program Evaluation Report and Audit

EPA conducted an annual program review of the CWSRF for SFY 2015 through an onsite review occurring from February 22, 2016 to February 25, 2016. EPA sent on June 7, 2016 a draft of the report for TWDB's review.

The Texas State Auditor's Office published the results of the SFY 2015 Single Audit of the CWSRF on February 22, 2016 (Report 16-317). There were no findings as a result of the review.

XII. Navigating the Lists

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

- **Appendix G** - The alphabetical list is the PPL sorted alphabetically. It contains the project information; the name of the applying entity, their total number of points and associated priority order rank, a detailed description of the proposed project, all project phases requested by the entity, the estimated construction start date, total project cost, the percentage of principal forgiveness if the project is eligible to receive disadvantaged funding, information regarding included green components, and a reference to any other related PIFs from the current or previous IUPs. A grand total for all of the projects is listed on the last page of the appendix.
- **Appendix H** – Lists projects that were deemed ineligible to receive CWSRF funding with a brief description as to why they were deemed ineligible.
- **Appendix I** – Lists projects that were deemed ineligible to receive disadvantaged funding with a brief description as to why they were deemed ineligible. The project may still be eligible to receive other funding options.
- **Appendix J** – Lists projects in order of highest priority to receive funding. The content is the same as the alphabetical list in Appendix G.
- **Appendix K** – Is the list of projects that will be invited in the initial invitation round. The information provided in this list is similar to the alphabetical and priority order lists. The TWDB has determined which project phases are eligible to receive funding during this SFY, which is depicted in the Phase(s) column. Projects on this list will receive an invitation letter from the TWDB upon Board approval of the IUP. 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.

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

Appendix A. Public Review and Comment

Public Participation in the Development of the Intended Use Plan

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

A. Notice

To seek public comment on the proposed uses of funds, the draft amended IUP, including the associated lists, was made available for a 30-day public comment period. The draft SFY 2017 CWSRF IUP, dated July 7, 2016, was announced as follows:

- Public notification of the draft IUP, the public comment period, and public hearing notice were posted on the TWDB website at www.twdb.texas.gov.
- A notice of the public hearing was published in the *Texas Register*.
- A copy of the draft IUP was sent to EPA.

B. Comment

Comments were accepted via the following four options from July 7, 2016, until 5:00 P.M. on August 5, 2016.

1. Attending a public hearing that was held on July 14, 2016, at 2:00 P.M. in Room 170 of the Stephen F. Austin Building located at 1700 N. Congress Avenue in Austin, Texas
2. Submitting comments via the following online comment page:

<https://www2.twdb.texas.gov/apps/iup/>

3. Emailing comments to the following electronic mail address and specifying in the subject line "*CWSRF comments*".

iupcomments@twdb.texas.gov.

4. Mailing comments to the following postal mail address:

Ms. Jo Dawn Bomar
Director, Program Administration and Reporting
Texas Water Development Board
P.O. Box 13231
Austin, TX 78711-3231

In accordance with federal requirements, all comments were responded to on an individual basis and reported to the TWDB's Board at the time of their review of the IUP.

C. Approval

The SFY 2017 CWSRF IUP will be finalized once it is considered and approved by the TWDB's Board.

D. Documentation

After Board approval, the final approved IUP will be formally submitted to the EPA and posted on the TWDB website.

Appendix B. Projected Sources and Uses of Funds
 09/01/2016 to 08/31/2017
 (As of May 31, 2016)

SOURCES:

FFY 2016 Federal Capitalization Grant	\$61,068,000
State Match - for FFY 2016 Federal Capitalization Grant	\$12,213,600
Undrawn previous grants (Administration)	\$639,228
Principal Repayments	\$98,435,800
Interest Repayments	\$65,721,116
Investment Earnings on Funds	\$1,417,513
Cash available	\$596,497,423
Additional net leveraging bond proceeds (based on "Projects to be Funded")	\$50,000,000

TOTAL SOURCES: \$885,992,680

USES:

Administration:

Administration – 4% of amount of FFY 2016 Capitalization Grant \$2,442,720

Administration from prior grant:

\$639,228

Projects to be Funded:

SFY 2017 IUP Commitments - Principal Forgiveness	\$18,320,400
SFY 2017 IUP Commitments - Bonds/Loans	\$506,679,600
Total Projects To Be Funded - SFY 2017:	<u>\$525,000,000</u>

Projects Already Pledged

Commitments	\$207,284,109
Applications	\$78,409,567
Total Projects Already Pledged or being processed:	<u>\$285,693,676</u>

Debt Service (Principal and Interest) on:

Revenue Bonds - to Leverage the Fund:	
Subordinate - Fixed Rate	\$54,061,088
Match General Obligation Bonds	\$18,155,968
Total Debt Service:	<u>\$72,217,056</u>

TOTAL SOURCES: \$885,992,680

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 for the Fund

Appendix C. Rating Criteria

Publicly Owned Treatment Works (§ 212) Rating Criteria

- 30 pts. – Enforcement action (court, EPA, or Texas Commission of Environmental Quality (TCEQ) order) imposes a schedule.
- 20 pts. – Enforcement action: Participation in TCEQ’s Sanitary Sewer Overflow 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.
- 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 waste water treatment plant facility.

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

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.
- 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.

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 (WAP) Strategy Table, 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 Categories
50 pts.	40 pts.	Total Maximum Daily Loads (TMDL) study has been completed and approved by the EPA (Category 4a).
40 pts.	30 pts.	A TMDL study is underway, scheduled, or will be scheduled (Category 5a).
30 pts.	20 pts.	A review of the water quality standards for this water body will be conducted before a TMDL is scheduled (Category 5b).
20 pts.	10 pts.	Additional data and information will be collected before a TMDL is scheduled (Category 5c).

- 5 pts. – Whether a majority of the funds being requested from the CWSRF for the project be used to implement measures to reduce the demand for publically owned treatment works capacity through water conservation, efficiency, or reuse.
- 5 pts. – If the Applicant is a qualified nonprofit entity that has federal tax-exempt status, whether will a majority of the funds being requested from the SRF for the project be used to implement assistance to owners and operators of small and medium publically owned treatment works to either (a) plan, develop, and obtain financing for eligible CWSRF projects, including planning, design, and associated preconstruction activities; or (b) assist such treatment works in achieving compliance with the Act.

Nonpoint Source Pollution (§ 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.

If the project impacts a water body by directly or indirectly mitigating a problem identified in the latest approved State of Texas WAP Strategy Table, 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 Categories
50 pts.	40 pts.	TMDL study has been completed and approved by the EPA (Category 4a).
40 pts.	30 pts.	A TMDL study is underway, scheduled, or will be scheduled (Category 5a).
30 pts.	20 pts.	A review of the water quality standards for this water body will be conducted before a TMDL is scheduled (Category 5b).
20 pts.	10 pts.	Additional data and information will be collected before a TMDL is scheduled (Category 5c).

- 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 (§ 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.

For all eligible projects:

- 15 pts. – Whether a majority of the funds being requested from the SRF for the project be used to implement innovative approaches to manage, reduce, treat, or recapture stormwater or subsurface drainage water.
- 5 pts. – Whether a majority of the funds being requested from the SRF for the project be used to implement reuse or recycling wastewater, stormwater, or subsurface drainage water.

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.

Affordability - Disadvantaged Eligibility

- 10 pts. – Entity qualifies as a disadvantaged community.

Appendix D. Affordability Criteria to Determine Disadvantaged Community Eligibility

A disadvantaged community is a community that meets the CWSRF's affordability criteria based on income, unemployment rates, and population trends. 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 residents in unserved areas; and
2. meets the following affordability criteria:
 - (a) Has an Annual Median Household Income (AMHI) that is no more than 75% of the state median household income using an acceptable source of socioeconomic data, and
 - (b) the Household Cost Factor (HCF) that considers income, unemployment rates, and population trends must be greater than or equal to 1% if only water or sewer service is provided or greater than or equal to 2% if both water and sewer service are provided.

Acceptable Source of Socioeconomic Data for SFY 2017

For SFY 2017, the TWDB will utilize:

- (1) U.S. Census 2010-2014 American Community Survey (ACS) 5-year estimates, along with the 2006-2010 ACS 5-year estimates for determining whether there was a decline in population, or
- (2) 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) posted on the TWDB website. An entity must submit documentation that substantiates the inadequate or absent Census data that led to the need to conduct a survey. All entities must obtain prior approval to use survey data instead of the most recently available American Community Survey data.

Affordability Calculation and Disadvantaged Community Eligibility

Step 1. Comparison to State annual median household income.

The AMHI for the project service area (either entire or portion) must be 75% or less than the state's AMHI using an acceptable source of socioeconomic data for SFY 2017.

Step 2. Determining the Household Cost Factor

The total HCF is comprised of a household cost factor based on the AMHI, plus an additional household cost factor based on unemployment rates (if the unemployment rate for the service area is greater than the state average) plus an additional household cost factor based on population decline (if there has been a decline in the population of the service area over a period of time). The total HCF used in the affordability criteria takes into consideration the potential burden that the cost of a proposed project will place on a household. The entity's total HCF, which consists of the Income HCF (the percentage of annual household income that goes toward water, sewer,

fees/surcharges, and project financing costs) combined with the Unemployment Rate HCF (not to exceed 0.75%) and the Population Decline HCF (not to exceed 0.5%), must be:

- 1.0% or greater if the entity currently offers either water or sewer service, or
- 2.0% or greater if the entity currently offers both water and sewer service.

The Unemployment Rate HCF and Population Decline HCF can only increase the total HCF, not decrease it.

Step 3. Principal Forgiveness Eligibility and Levels

The eligible level of principal forgiveness for a project is based on the difference between the calculated total HCF under Step 2 and the minimum HCF of 1% (if only water or sewer service is provided) and 2% (if both water and sewer services are provided) as shown in the chart below:

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

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

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 Certificate of Convenience and Necessity, 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:

County	Census Tract	Block Group	From Entity		ACS 2010-2014		ACS 2010-2014		Entity's Population Served
			Total Number of Household Connections	% of TTL Connections	AMHI	Prorated AMHI	Average HH Size	Prorated Average HH Size	
Liberty	7006	1	1,105	66.65%	\$18,004	\$11,999	2.15	1.43	1,583
Liberty	7006	2	302	18.21%	\$44,350	\$8,078	2.45	0.45	135
Liberty	7006	3	251	15.14%	\$46,688	\$7,068	3.38	0.51	128
			1,658	100.00%		\$27,145		2.39	1,847

County	Census Tract	Block Group	ACS 2010-2014	Calculation	ACS 2010-2014	ACS 2006-2010	Calculation
			Unemployment Rate	Prorated Unemployment Rate	Prorata Population 2014	Prorata Population 2010	Prorata Pop. Change
Liberty	7006	1	23.5%	5.6%	668	991	-323
Liberty	7006	2	27.5%	8.3%	1,259	803	456
Liberty	7006	3	7.9%	3.6%	995	971	24
				17.5%	2,922	2,765	157

For entities that serve retail customers with differing rate structures, prorated rates are used, in some instances, to calculate each entity's household cost factor in SFY 2017. The following tables are an example of the method used. The TWDB will require use of prorated rates to determine an entity's water and/or sewer bills when applicable.

Prorated Average Monthly Water Bill

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

Prorated Average Monthly Sewer Bill

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

If an entity is requesting disadvantaged community status for a portion of its service area, the combined household cost factor is calculated in the same manner as described above with the exception that the annual project financing 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.

Systems owned and operated by a public school or school district will be evaluated for their 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 AMHI less than or equal to 75% of the state's AMHI will automatically receive Disadvantaged Community status with the lowest available level of principal forgiveness.

If recent reliable data is unavailable for the school district to determine the AMHI, the TWDB will use information from the Texas Education Agency's 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 AMHI will be assumed to be less than or equal to 75% of the State's AMHI.

Appendix E. Federal Requirements and Assurances

A. Federal Requirements

1. Davis-Bacon Wage Rate Requirements

A subrecipient must comply with the requirements of section 513 of the Federal Water Pollution Control Act (33 U.S.C. 1372) in all procurement contracts and must require contractors to include compliance with section 513 of the Federal Water Pollution Control Act in all subcontracts and other lower tiered transactions. All contracts and subcontracts for the treatment works construction project must contain in full in any contract in excess of \$2,000 the wage rate requirements contract clauses prescribed by TWDB. Section 513 requires compliance with 40 U.S. Code Sections 3141 to 3144, 3146, and 3147 covering wage rate requirements. TWDB guidance is available at <http://www.twdb.texas.gov/financial/instructions/doc/DB-0156.pdf>.

2. American Iron and Steel (AIS)

The TWDB and all CWSRF financial assistance recipients will comply with the American Iron and Steel (AIS) requirements in Section 608 of the Federal Water Pollution Control Act (33 U.S.C. 1388). The statute requires all of the iron and steel products used the construction, alteration, maintenance, or repair of treatment works funded by the CWSRF to be produced in the United States.

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

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

EPA may waive the AIS requirement under certain circumstances.

The following are exempt from the AIS requirements:

- (a) Financial assistance agreements closed before January 17, 2014;
- (b) Financial assistance agreements closed on January 17, 2014 through September 30, 2014 where the Plans and Specifications were submitted to the TWDB prior to or on January 17, 2014 and approved by TWDB between January 17, 2014 and April 15, 2014;
- (c) Financial assistance agreements closed on or after October 1, 2014 and the Plans and Specifications were approved by TWDB prior to June 10, 2014.

Furthermore, if the original financial assistance agreement for the planning and/or design of a project closed prior to January 17, 2014, then the AIS provision would not apply to the construction phase of the same project. TWDB guidance is available at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1106.docx>.

3. National Environmental Policy Act-like environmental review

NEPA provisions apply to all CWSRF assistance for the construction of treatment works. These requirements are specified in Texas Administrative Code, Title 31, Part 10, Chapter 375.

4. Generally Accepted Accounting Principles

Assistance recipients must maintain project accounts according to Generally Accepted Accounting Principles as issued by the Governmental Accounting Standards Board, including standards relating to the reporting of infrastructure assets.

5. Cost and Effectiveness Analysis

A municipality or intermunicipal, interstate, or State agency that receives assistance from the CWSRF must certify that they have conducted a cost and effectiveness analysis. A cost and effectiveness analysis is an eligible cost under the CWSRF. The certification must be provided before CWSRF assistance is provided for final design or construction. TWDB guidance is available at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1107.pdf>.

6. Architectural and Engineering contracts

For equivalency projects only, a contract to be carried out using CWSRF funds for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services must be negotiated in the same manner as a contract for architectural and engineering services is negotiated under 40 U.S.C. 1101 et seq. This applies to new solicitations, significant contractual amendments, and contract renewals. TWDB guidance is available at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1108.pdf>.

7. Fiscal Sustainability Plan

A recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works must develop and implement a fiscal sustainability plan or certify that it has already developed and implemented a fiscal sustainability plan. This applies to a recipient of a loan only and does **not apply** to financial assistance involving the TWDB's purchase of the recipient's bonds.

8. Compliance with Cross-cutting Authorities

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

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

- Environmental cross-cutters include federal laws and executive orders that relate to preservation of historical and archaeological sites, endangered species, wetlands, agricultural land, etc. This cross-cutter requirement includes the NEPA compliant environmental review. For Equivalency projects, when conducting the NEPA-like review the TWDB will inform EPA when consultation or coordination by EPA with other federal agencies is necessary to resolve issues regarding compliance with applicable federal authorities.
- Social policy cross-cutters include requirements such as minority and women's business enterprise participation goals, equal opportunity employment goals, and nondiscrimination laws. This cross-cutter requirement includes compliance with the EPA's Disadvantaged Business Enterprise program administered by TWDB.
- Economic cross-cutters directly regulate the expenditure of federal funds such as the prohibition against entering into contracts with debarred or suspended firms.

9. Additional Subsidization (estimated based on the level for FFY 2015)

In accordance with the Consolidated Appropriations Act of 2016 (Public Law 114-113) and Section 603(i) of the CWA (33 U.S.C. 1383(i)), the TWDB may provide up to \$18,320,400 of Additional Subsidization for SFY 2017. The TWDB has allocated the Additional Subsidization for SFY 2017 as follows:

Funding Option	Additional Subsidization Allocation
Disadvantaged Community	\$13,740,300
Subsidized Green	\$4,580,100
Total	\$18,320,400

10. Green Project Reserve

A minimum of 10% of the capitalization grant, or \$6,106,800, will be allocated as the Green Project Reserve (GPR) as required by federal appropriations. It must be used for green component costs associated with eligible CWSRF projects.

To encourage green infrastructure projects, a portion of the Additional Subsidization will be made available for projects that include water efficiency, energy efficiency, to mitigate stormwater runoff, and to encourage sustainable project planning, design, and construction. In order to be eligible to receive green subsidy, these projects eligible for Additional Subsidization must have approved green project elements with costs that exceed 30% of the total project costs.

Green components include green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. Eligibility for all green projects will be determined by the TWDB. In the event the TWDB does not receive enough completed applications to meet the 10% for GPR projects, the Executive Administrator may bypass higher ranked projects to invite projects with eligible green component costs.

Projects which do not meet criteria of categorically eligible are required to produce a business case document. A business case demonstrates that proposed green component benefits have been thoroughly researched and documented. The TWDB utilizes the green project information worksheet (TWDB-0162) as a standard template for business cases. Information on the TWDB's GPR and recently closed business cases is available at <http://www.twdb.texas.gov/financial/programs/green/>.

Appendix L, "Initial 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.

TWDB information on green project eligibility is available at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0162.docm>.

11. Signage

CWSRF equivalency projects must comply with the EPA signage requirements implemented to enhance public awareness of the program. The entity may select from the following options to meet EPA's signage requirement:

- Standard signage
- Posters or wall signage in a public building or location
- Newspaper or periodical advertisement for project construction, groundbreaking ceremony, or operation of the new or improved facility
- Online signage placed on community website or social media outlet
- Press release

According to EPA's policy, to increase public awareness of projects serving communities where English is not the predominant language, entities are encouraged to translate the language used (excluding the EPA logo or seal) into the appropriate non-English language. TWDB guidance is available at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1109.pdf>.

12. Reserves Established from Available Funds

The following reserve amounts may be applied to the funding options.

Funding Reserves	
Reserve	Amount
Green Project Reserve (10% of capitalization grant) *	\$6,106,800
Small Communities (15% of capitalization grant)	\$9,160,200
Nonpoint Source/Estuary Management (7% of total funding available)	\$36,750,000
*This amount includes the funds allocated for green subsidy.	

The TWDB is required to ensure that an amount equivalent to 10% of the capitalization grant is allocated to approved green project costs. To encourage green projects, a portion of the Additional Subsidization will be made available for projects that include green components. In order to be eligible to receive green subsidy, projects must have approved green project elements with costs that equal or exceed 30% of the total project cost.

A portion of the disadvantaged community and other Additional Subsidization, including subsidized green funding, is allocated to nonpoint source and estuary management projects. If they are not utilized, they may be offered to POTW projects.

B. Assurances

1. Regulatory Assurances (Citations refer to sections of Title VI of the Clean Water Act (CWA-33 U.S.C. §§1251 *et seq.*):

- a. 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 2016 federal capitalization grant on or before the date on which each quarterly grant payment is made to the TWDB.
- b. 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.
- c. 602(b)(4) – Expeditious and Timely Expenditures - The TWDB will expend all funds in the CWSRF in a timely and expeditious manner.
- d. 602(b)(5) – First Use for Enforceable Requirements - The TWDB has previously met this requirement.
- e. 602(b)(6) – Compliance with Title II Requirements - The TWDB will comply with 511(c)(1) and 513 of this Act in the same manner as treatment works constructed with assistance under title II of this Act.
- f. 602(b)(6) – Environmental Reviews –A NEPA-like review will be conducted on all projects for the construction of treatment works.

2. Entry into the Federal Reporting Systems

The TWDB will enter information into EPA's Clean Water Benefits Reporting System, the CWSRF National Information Management System, and the Federal Funding Accountability and Transparency Act Subaward Reporting System as required.

Appendix F. Bypass Procedures

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

Reasons for bypassing projects are listed below, but are not limited to:

1. Projects Previously Funded

To fund the construction phase of a project that previously received funding for planning, acquisition and/or design.

2. Disadvantaged Community

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

3. Green Project Reserve

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

4. Emergency Relief

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

5. Small Communities

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

6. Readiness to Proceed

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

7. Past Project Performance

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

8. Financial Capacity

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

Key to EPA Cost Categories

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

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POTW													
33	55	12076	Acton MUD	TX0105163	8,655	The District needs to address failing on-site sewage facilities (OSSF) in neighborhoods identified as "hot spots" on Lake Granbury where high coliform readings are regularly recorded. The proposed project will allow old septic systems to be abandoned and allow residents to utilize the sewer collection system. The District is proposing to expand their sewer collection system to include several neighborhoods near Lake Granbury which are currently served by old, dilapidated, leaking septic tanks. A combination of grinder pumps, small diameter low pressure sewer, conventional gravity sewers, and lift stations will be utilized to serve the areas.	IVA	PDC	\$11,400,000.00		Yes-BC	\$11,400,000.00	12074 and 12075
67	34	12074	Acton MUD		8,655	The District is growing and is proposing new connections within the WWTP #1 service area. These new connections will require additional treatment capacity. The District's proposed project is an expansion of the existing wastewater plant to accommodate the additional flows. The proposed project will also include the development of an asset management plan.	I,II,IVA	PDC	\$3,247,000.00		Yes-BC	\$3,247,000.00	12075 and 12076
81	25	12075	Acton MUD		8,655	The District's Pecan Plantation WWTP needs to expand to effectively and efficiently provide treatment for area residents. The plant has reported multiple historical TPDES permit violations as well as a recent TPDES permit violation in 2015. The District also needs to provide service to approximately 740 current on-site sewage facilities to allow them to be removed from use. The AMUD proposes to expand the Pecan Plantation WWTP to accommodate the flows produced by recent new connections and the addition of approximately 740 connections due to removal of OSSF in the area. The proposed WWTP expansion will entail adding additional influent pump station capacity, an additional aeration basin and clarifier, sludge handling capacity, as well as the associated yard piping, electrical, controls, etc.	I,II,IVA	PDC	\$2,333,000.00		Yes-BC	\$2,333,000.00	12074 and 12076

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POTW													
46	41	12092	Agua SUD		1,217	The District needs to extend first time sanitary sewer collection to approximately 13 additional subdivisions within the District's Sullivan City area. The proposed project will provide first time sewer service to approximately 323 connections in areas near Sullivan City. The proposed project will consist of approximately 42,000 feet of collections lines; 2,000 feet of force main; and at least one lift station to provide the first time sewage collection and treatment.	IVA	PADC	\$7,000,000.00	50%			
27	61	11903	Alamo	TX0057622	19,224	The City needs to replace their existing lagoon wastewater treatment facility with a sewer plant to provide more efficient wastewater treatment for the city. The City is proposing to construct a new 2.5 MGD mechanical sewer plant to replace their aged lagoon system. The new plant will provide reduce odors, lower nuisance complaints, and provide more efficient treatment of the sewage.	I	PDC	\$9,731,000.00	30%			
90	14	11904	Albany		2,278	The City needs to replace/rehabilitate multiple components of its wastewater collection and treatment system to address sanitary sewer overflows and non-compliance issues with their discharge permit. The City needs to replace or rehab multiple components of its collection system and wastewater treatment plant. The City's collection system needs approximately 6,000-LF of gravity sewer line replaced/rehabilitated. Six of the City's wastewater lifts stations need to be rehabilitated/replaced. Several components of the wastewater treatment plant need to be replaced, including screening, grit removal, aeration equipment, clarifiers, chlorination building and equipment. The City proposes to install a system wide Supervisory Control and Data Acquisition System (SCADA) and an in plant reuse system.	II,IIIB,IIIA	PDC	\$4,971,000.00		Yes-BC	\$4,971,000.00	

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POTW													
47	41	11905	Alto	TX0025020	1,323	The City needs to rehabilitate/replace components of their existing wastewater treatment facility and collection system to enable the City to meet their discharge permit parameters. The City proposes to rehabilitate their primary Aeration Basin, rehabilitate the influent Lift Station by enlarging wet well and installing new influent lift station pumps (3 each), modify yard piping to allow influent wastewater to discharge into multiple segments of the rehabilitated primary aeration basin, install a new secondary clarifier, and rehabilitate/replace sections of the collection system.	IIIB,I	PD	\$185,000.00	70%			
88	16	11907	Alton		15,759	The City needs to construct a wastewater treatment facility for the City's use. Currently the City contracts with McAllen for treatment of their sewage. Construction of a wastewater treatment facility will allow the City to better serve their citizens and provide more control over the rates charged for treatment. The City proposes to construct a new Sequencing Batch Reactor (SBR) Wastewater Treatment Plant, including tertiary treatment to provide Type I water for reuse, Supervisory Control and Data Acquisition (SCADA), office, and laboratory spaces. The project will include re-alignment of the current main lift station forcemain to McAllen to the new plant.	I,II	PADC	\$12,056,030.00	50%	Yes-BC	\$1,557,500.00	
2	110	11908	Arlington		371,880	The City of Arlington needs to replace wastewater collection system piping to address inflow/infiltration city wide. The City's project includes prioritized wastewater pipeline replacement that consisting of 29 gravity segments owned by the City. The total length of pipeline replacement segments is approximately 19,075 linear feet with pipe sizes ranging from 4 to 24 inches. The segments were noted to have high amounts of Inflow and Infiltration (I/I) and the majority of the lines have been in service for at least 30 years. The proposed replacement segments are part of an on-going SSO agreement.	IIIA,IIIB	C	\$5,512,408.00		Yes-BC	\$5,512,408.00	

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POTW													
42	46	12110	Brady	TX0034312	5,541	The City of Brady needs to replace their over 40-year old existing wastewater treatment plant to maintain reliable sewage treatment for the city's residents. Many of the plants components have reached the end of their useful life. The City proposes to fully replace the WWTP with one of two types of plants: an extended aeration wastewater treatment facility or a sequencing batch reactor (SBR) facility. Additionally, there is pressing need for improvements to several trunk lines that feed the WWTP and these have been included in the scope of this project.	I,II,IIIB	C	\$17,435,200.00	30%	Yes-BC	\$1,000,000.00	
25	62	12122	Bruceville-Eddy		1,731	The City needs to construct a first time wastewater collection and treatment system to replace failing on-site sanitary sewer facilities. The City currently utilizes 100% on-site sewage treatment systems. The proposed project includes planning, acquisition, design, and construction of a new wastewater collection system and treatment facility to serve the City of Bruceville-Eddy which currently utilizes 100% OSSF. The proposed project includes preparation of an Asset Management Plan.	I,II,IVA,IV B	PADC	\$9,000,000.00		Yes-BC	\$2,450,000.00	

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POTW													
89	15	11909	Buckholts	TX0073008	515	The existing wastewater treatment plant is approximately 30 years old and is reaching the end of the plants life expectancy. Continual repairs have deemed the plant too expensive to maintain and operate. The existing wastewater infrastructure consists of old clay pipe and brick manholes that are deteriorating and allowing storm water infiltration and inflow. The City's 0.10 MGD wastewater treatment plant will be replaced with a new, energy efficient, 0.070 MGD plant. The plant access road will be improved to allow access during the 20 year frequency storm event, and the plant will be constructed so that it is not affected by the 100 year frequency storm event. A backup generator will also be provided to ensure continuous operation during power outages. The wastewater collection system will be improved to reduce infiltration and inflow into the system, thus reducing the treatment capacity required. Manholes and wastewater lines will be rehabilitated or replaced as needed. The lift station alarm and notification system will be updated to provide operators with more control and operational data to improve efficiency. Drainage improvements will be provided to reduce the effects of flooding to wastewater system components.	I,IIIB,IIIA	PADC	\$2,586,000.00	70%			
1	129	12077	Cisco	TX0053716	3,899	Components of the City's wastewater treatment plant and collection system that have reached the end of their useful lives. In addition, one of the City's lift stations has become a detriment to the public health, safety and welfare for which the Texas Commission on Environmental Quality (TCEQ) issued a violation during a Comprehensive Performance Investigation. The City is proposing to replace lift stations that have reached the end of their useful life. The City also proposes to add several new treatment units at the wastewater treatment plant to provide more effective and efficient treatment of the sewage. Improvements at the wastewater treatment plant will be designed to meet the City's TPDES permit.	II,IIIB	C	\$4,958,000.00	30%	Yes-BC	\$4,958,000.00	

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POTW													
76	29	12078	Coahoma		1,300	The City needs to replace deteriorated collection lines to address inflow/infiltration and breakage. The City's wastewater treatment plant efficiency and effectiveness is also hindered by the quantity of sludge in each of the treatment basins. The proposed project includes replacement of approximately 4,500 linear feet of the City's main collection line that transports the raw sewage to the City's wastewater treatment plant (WWTP). This collection line was originally constructed with the WWTP and is in constant need of repair. The operational efficiency of the WWTP is hindered by the quantity of sludge in each of the treatment basins. This project will include the removal and disposal of the sludge in each of these lagoons. The project will also include the improvements to the head works and influent pump station at the WWTP. Effluent from the WWTP is currently land applied. The project will also include the installation of additional irrigation equipment to allow the City to utilize more land for the application of effluent. The project will also include the development of an asset management plan to identify future critical improvements.	IIIB,I	PDC	\$2,861,000.00		Yes-BC	\$2,861,000.00	
39	50	12111	Comanche	TX0022730	4,320	The City needs to replace/rehabilitate existing sanitary sewer collection lines throughout the City to address infiltration/inflow (I/I). I/I has caused inefficiencies at the wastewater treatment plant resulting in violations including: failure to meet the limit for one or more parameter, exceeding the permit limit by more than 40%, and failure to maintain permit limits. The proposed project consists of replacing existing sewer lines throughout the City's collection system which are known to cause significant inflow and infiltration (I/I). The requests planning, design and construction phase financing.	IIIA,IIIB	PDC	\$372,000.00	30%	Yes-BC	\$372,000.00	
55	40	11910	Combes		2,553	The City needs to rehabilitate/replace several of their existing lift stations that have reached the end of their useful life. The City proposes to rehabilitate of 8 lift stations including new pumps, rails, lifting systems, electrical, controls, wiring and related appurtenances	IIIB	DC	\$750,000.00	50%			

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POTW													
71	30	11911	Corrigan	TX0133787	1,629	The City needs to rehabilitate/replace their existing deteriorated oxidation ditch and treatment units at their wastewater treatment facility. The facility is nearing capacity and the City will plan and design for an expansion. The City is proposing to construct a new Oxidation Ditch, Clarifier, and Chlorine Contact Basin; rehabilitate/replace the piping, controls, and electrical at the facility. The existing Oxidation Ditch will be converted to a flow equalization basin, convert the existing Chlorine Contact Basin to Post Aeration basin.	I,II	PADC	\$3,342,800.00	50%			
62	40	11845	Dallas	TX0047848	1,306,497	The City needs to replace/rehabilitate wastewater system components city wide that have reached the end of their useful life and to address infiltration/inflow and overflows within the system. Dallas Water Utilities' proposes to continue the rehabilitation/replacement of existing wastewater mains citywide. The replacement of older mains has many benefits including the reduction of inflow and infiltration, as well as reduced sanitary sewer overflows resulting from collapsed or broken pipes.	IIIA,IIIB	DC	\$110,000,000.00				
23	70	11912	Denton	TX0047180	125,000	The City needs to replace deteriorated wastewater collection lines to address infiltration/inflow into the system. The City of Denton intends to replace approximately 24,916 linear feet of 8-inch to 30-inch wastewater mains at various locations within the City to address I/I and deteriorating collection system components. Some of the locations include the Pecan Creek Interceptor IV, Westgate Drive, North Bell Avenue, Foxcroft Circle, Victoria Drive, Emerson Lane, Thomas Street, Paisley Street, North Texas Boulevard, Rose Street, South Wood Street, East Sycamore Street, Hill Alley, Dallas Drive, Kerley Street, Kendolph Drive, and Lindsey Street.	IIIB	C	\$4,265,620.00		Yes-BC	\$4,265,620.00	
4	100	11914	Donna	TX0132082	17,630	The City needs to expand their wastewater treatment plant to address issues with capacity and non-compliance. The City proposes to expand its existing Wastewater Treatment Plant from 1.8 MGD to 2.4 MGD as the plant is at approximately 95% of capacity.	I,II	PDC	\$6,000,000.00	30%			11913

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POTW													
22	70	11913	Donna		17,630	The City needs to replace many of their sanitary sewer collection lines that have reached the end of their useful life, many over 60-years old. The City proposes the replacement of existing wastewater collection lines to address inflow/infiltration and breakage.	IIIB,IIIA	PDC	\$1,290,000.00	30%			
9	85	12103	Dublin	TX0054348	4,207	The City needs to make improvements to their wastewater treatment facility to address a TCEQ enforcement order. The current state of the wastewater treatment plant contributes to a number of violations including failure to prevent unauthorized discharge of wastewater, failure to properly dispose of sludge, and failure to meet one or more permit parameter. The City's proposed project consists of planning, design, and construction phases for the implementation of wastewater treatment plant improvements. The improvements are necessitated by the age of the plant which contributes to inefficiencies in the treatment process.	I	PDC	\$1,040,000.00				
12	76	12102	Dublin		4,207	The City needs to replace the deteriorated clay tile sanitary sewer collection system citywide to address infiltration/inflow and a Texas Commission on Environmental Quality (TCEQ) enforcement order. The City is proposing to replace existing, deteriorated clay tile sewer lines to mitigate inflow & infiltration and to extend first time sanitary sewer service into new areas.	IIIB,IIIA	PDC	\$3,500,000.00				12103
80	25	11915	Eagle Lake	TX0072885	3,727	The City needs to rehabilitate/upgrade their existing wastewater treatment plant and existing sanitary sewer collection system. The City proposes to rehabilitate/upgrade their existing 0.75 MGD wastewater plant including repairs to existing mechanical screen, replace existing influent lift station pumps, replace existing RAS/WAS pumps, replace existing final clarifier equipment, replace existing diffused air system in aerobic digesters and chlorine contact chamber, install new emergency generator, SCADA, and other related items to the wastewater treatment plant. The project will also include replacing existing clay and concrete sanitary sewer gravity collection lines as well as rehabilitation or replacement of existing lift stations in the system.	IIIB,I	ADC	\$4,286,725.00				

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POTW													
83	21	12105	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 proposes to expand an existing lift station to resolve on going problems related to reliability and maintenance and rehabilitate portions of the collection system that are experiencing failures due to old and degrading pipes and manholes.	IIIB,IIIA	PDC	\$17,939,940.00	30%			
102	0	12104	Eagle Pass	TX0107492	52,624	The City needs to address capacity issues within their existing wastewater treatment plant and eliminate a lift station to improve operations and reduce potential overflows. The City proposes to rehabilitate their existing wastewater treatment plant, add grit removal capabilities to improve operational efficiency, and eliminate the Thompson Lift Station by installing a gravity line to reduce overflow possibilities. Eagle Pass also plans to develop a hydraulic model of the sewer system to add in effective management.	II,I,IIIB	PD	\$891,250.00				

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POTW													
24	69	12079	Eastland	TX0024007	3,919	The City needs to upgrade/rehabilitate many components of their existing wastewater treatment plant to meet permit parameters. The City must meet TCEQ's 210 requirements for non-potable reuse. Furthermore, recent equipment failures at the City's WWTP have resulted in both historical TPDES permit violations as well as multiple recent TPDES permit violations in 2015, with an Notice of Enforcement issued in 2015. The proposed project includes an upgrade of existing processes at the City's existing WWTP, as well as replacement of an existing lift station and aging sewer lines in the collection system. Proposed improvements at the City's WWTP include an upgrade to the headworks, secondary biological treatment process, UV disinfection system and solids dewatering system. By completing the proposed upgrades to the WWTP, the City will be able to consistently meet 210 requirements for reuse, allowing the City to increase use of its non-potable beneficial reuse system, reducing overall drinking water usage in areas of non-potable use throughout the City. The project will also replace the existing inefficient lift station pumps with new submersible pumps and control systems. The lift station will also be sized to accommodate the anticipated future population growth in the area. The City will begin an asset management plan.	I,IIIA,IIIB	PDC	\$7,615,000.00	30%	Yes-BC	\$7,615,000.00	

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POTW													
82	22	12080	Eden	TX0079804	2,766	The City needs to up-grade the screens preceding two influent lift stations and connect un-served areas of the City to the wastewater collection system. The City's wastewater treatment capabilities are sufficient to meet current needs, but the City needs to rehabilitate/upgrade several components of their wastewater treatment system to provide more efficient and effective treatment. The City also needs to provide first-time collection and treatment to approximately 40 connections on the eastern side of town. The collection system improvements will include new lift stations, force mains, approximately 3,200 feet of gravity sewer, abandoning approximately 40 on-site sewage systems, and service connections. The City needs to provide screening at their wastewater treatment plant and rehabilitate/replace lift stations at the plant.	II,IVA,IIIB	PDC	\$2,191,000.00				
17	73	11916	El Paso PSB	TX0087149	823,862	El Paso needs to extend first time sanitary sewer service to areas of the community that do not have centralized collection system. The City proposes to construct the infrastructure to provide first time sanitary sewer to the Four Streets section of the colonia of Canutillo, Texas. Canutillo was platted in 1910. This community now has approximately 6100 residents in two areas, Canutillo Township, and Canutillo Industrial Park (which was platted in 1975). These areas have been tested there is an indication that seepage from on-site septic tanks or cesspools is taking place. EPWU received PAD funding from TWDB for this project from the EDAP fund. The City is requesting funding to commence and complete project construction of 41 sewer connections.	IVB,IVA	C	\$912,246.00	30%			

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POTW													
41	46	12093	Electra		2,764	The City has 20 households they serve with water, but which do not have sanitary sewer service. The homes currently use septic tanks and drain fields which have periodically failed. The City currently discharges their effluent and have TCEQ violations exceeding their permitted parameters. The City needs to convert to a no-discharge plant with effluent disposal via irrigation to address permit violations. The City is proposing to install one new lift station, pressure, and gravity sewer lines in order to serve the existing 20 households. Also, the City is proposing to install approximately 4.5 miles of sewer line in order to eliminate 10 existing lift stations. The City is also proposing to irrigate with their WWTP effluent by installing a center pivot irrigation system, an irrigation holding pond, and an irrigation pipeline in order to convey their existing WWTP to a no-discharge plant. The City seeks planning, acquisition, design, and construction funding for the project.	I,IVA,IIIB	PADC	\$5,800,000.00	50%	Yes-BC	\$3,122,500.00	
99	1	11917	Ennis	TX0047261	18,674	The City needs to replace failing sewer lines that are a source of Infiltration & Inflow (I/I). The I/I impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to rehabilitate/replace sewer lines that are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances.	IIIA,IIIB	PDC	\$3,878,430.00				

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POTW													
100	1	11918	Ennis	TX0047261	18,674	The City needs to rehabilitate/replace failing sewer lines that are a source of I&I that impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to replace/rehabilitate sewer lines that are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances.	IIIA,IIIB	PDC	\$9,467,315.00				
65	36	11919	Evant	TX0055522	465	The existing WWTP is approximately 30 years old, and its mechanical equipment has reached the end of its useful life. The deteriorated condition of the equipment combined with high wet weather flows has led to permit excursions in recent years, most recently during the rain events in spring 2015. The City needs to upgrade/rehabilitate their WWTP to be able to meet permit parameters and rehabilitate/replace portion of their deteriorated collection system to address inflow/infiltration (I/I). The proposed project includes rehabilitation and upgrades to the City's aging WWTP to enable it to consistently meet its permit limits, as well as collection system improvements to reduce inflow and infiltration (I&I). The proposed project will also include the development of an asset management plan for the City's wastewater system.	IIIA,I,IIIB	PDC	\$1,619,500.00	70%	Yes-BC	\$623,100.00	

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POTW													
94	10	12115	Falfurrias		4,419	The City needs to replace/rehabilitate portions of both their collection system and wastewater treatment plant to address components that have reached the end of their useful life. The City of Falfurrias (CF) is proposing to develop plans to rehabilitate 8 lift stations in the collection system; evaluate and plan for wastewater treatment plant improvements; evaluate and plan for the replacement of the main plant force main; complete a sanitary sewer evaluation study; and if funds are available, replace approximately 10,800 feet of 12-inch force main and 9,250 feet of gravity collection system with manholes. As part of the sanitary sewer evaluation, areas of the community where there is old concrete pipe or vitrified clay pipe that has been in place over 50-years will be cleaned and televised.	IIIB,I	PDC	\$418,500.00	50%	Yes-BC	\$285,000.00	
26	61	12099	Farmersville	TX0129402	3,301	The City needs to construct a new regional wastewater treatment facility, interceptor, and sanitary sewer system components to address capacity issues and growth in the area. The City proposes to design and construct a new regional wastewater treatment facility. The new plant will primarily serve customers on the east side of Lake Lavon. In addition, the City will construct a new interceptor to deliver flow to the new regional WWTP, new collection system components, including lift stations and force mains.	I,II,IIIA,IIIB	DC	\$17,500,000.00				
45	44	12081	Forsan		232	The City needs to extend their sanitary sewer collection system to connect approximately 99 existing OSSF substandard systems to their wastewater treatment system. The proposed project includes the installation of a new wastewater collection system which will replace the existing OSSF facilities currently in use throughout the City. The proposed collection system will flow to a new WWTP currently under construction which will be owned and operated by Forsan ISD. The project will also include the development of an asset management plan for the City.	IVA	PDC	\$2,412,000.00		Yes-BC	\$2,412,000.00	

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POTW													
6	95	11920	Fort Worth	TX0047295	792,720	The City needs to rehabilitate/replace existing wastewater piping to address deteriorated pipe conditions and inflow/infiltration into the system. The City intends to rehabilitate and replace approximately 7,309 linear feet of 30-inch to 54-inch wastewater mains with 36-inch to 60-inch pipe at three locations within the City. The three project locations are portions of the Village Creek Parallel Interceptor System, along the northwest side of Lake Arlington.	IIIA,IIIB	C	\$6,307,715.00		Yes-BC	\$6,307,715.00	
75	30	12082	Gladewater	TX0022438	6,461	The City has exceeded permitted levels in their WWTP discharge permit. The City needs to repair and/or replacement failing treatment units and sludge management units at the City's existing Wastewater Treatment Plant (WWTP). The upgrades will replace components that have reached the end of their useful life and return the WWTP to working order to allow compliance with regulatory criteria. The City proposes to install new pumps, new aeration equipment, new clarifier equipment, a new sludge thickening system, a belt filter press system, abandon existing drying beds, install a new chlorination system, new piping, valves, electrical, and Supervisory Control and Data Acquisition (SCADA) system to return the plant to regulatory compliance.	II	PDC	\$2,527,000.00				
97	5	12106	Graford	TX0104752	730	The City need to address multiple violations as a result of the inflow and infiltration caused by defective manholes and collection system. Violations include multiple failures to meet the limit for one or more permit parameters as well as failure to maintain compliance with the permitted effluent limits at their wastewater treatment plant. The proposed project consists of making improvements to the collection system including replacing approximately 20 manholes throughout the City which are known to cause inflow and infiltration. Reduction in inflow/infiltration will reduce flow to the wastewater treatment plant resulting in more effective treatment within the plant. The proposed project phases would include planning, design and construction.	IIIB,IIIA	PDC	\$215,000.00		Yes-BC	\$215,000.00	

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POTW													
5	95	11921	Grand Prairie		185,450	The City needs to replace/rehabilitate areas of the City's collection system to address deteriorated piping that is contributing to excessive inflow/infiltration (I/I). The City intends to replace approximately 23,477 linear feet of existing 8-inch to 12-inch wastewater mains with 12-inch to 18-inch pipe in various locations within the City. The project names for the segments to be replaced are NW 23rd. Street to Roman Road, North Carrier and Hill, High School Drive, NE 5th Street and Tarrant Road, NE 19th Street, Gifford Street, Hensley Drive, Idlewild Road, Lakeview Drive, and Springdale Lane and Beltline Road.	IIIA,IIIB	C	\$5,644,252.00		Yes-BC	\$5,644,252.00	
37	50	12101	Gustine	TX0117722	496	The City needs to upgrade/rehabilitation existing lift stations and component within their collection system that are deteriorated. The proposed project consists of full rehabilitation of four lift stations i.e. new wet well basins, pumps, controls/electricals, fencing, etc. The City requests planning, design, and construction.	IIIB,IIIA	PDC	\$270,000.00	30%	Yes-BC	\$270,000.00	
93	10	12112	Harris Co FWSD # 47	TX0022462	2,434	The District's wastewater treatment plant is over 40-years old and many components have reached the end of their useful life and need to be rehabilitate/replaced to maintain efficient and effective operations. The District proposes to rehabilitate/replace components of the WWTP including: lift stations; controls; electrical; pumps; rehabilitation of the wet well; installation of pretreatment system to minimize FOG (fats, oils and grease);rehabilitation of the sand filter (the unit is currently disconnected and not in use); and rehabilitation of the outfall box.	II	PDC	\$986,500.00		Yes-BC	\$146,000.00	
96	6	11922	Harris Co MUD # 167		15,000	The District needs to address water efficiency throughout their area. The District proposes the installation of "smart" water meters to meet the district's goal of water efficiency goals. This would include the preparation of an asset management plan.		C	\$2,000,000.00		Yes-BC	\$2,000,000.00	

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POTW													
13	76	11923	Harris Co MUD # 208		20,765	The District needs to upgrade/rehabilitate their wastewater treatment plant to implement reuse for irrigation within the area. The Copperfield WWTP is a regional plant that serves Harris County MUD Nos. 162, 163, 179, 186,188 and 208. The plant is managed collectively by the six districts through the Copperfield Joint Operations Board (CJOB). All six MUDs will benefit from the implementation of the project. The Project consist of tertiary treatment and storage at the WWTP site and a distribution system to supply Type 1 treated effluent for irrigation and non-potable industrial purposes. Project planning is complete with funding being sought for design and construction phases. As part of this project, the asset management plan will be updated to reflect the new infrastructure. Water conservation and drought contingency plans will also be updated.	II,X	DC	\$10,120,000.00		Yes-BC	\$10,120,000.00	
49	41	12116	Harris Co WCID # 36	TX0025062	11,167	The District needs to construct a new wastewater treatment plant to become completely self-sufficient in it's collection and treatment of wastewater flows. The District's sewage is currently treated by Harris County Fresh Water Supply District No. 51, which is in a high growth area of Harris County and nearing capacity. The District proposes to plan, design, and construction a new 2.0 MGD wastewater treatment plant with related lift stations, pumps, and piping to allow the District to treat their own sewage.	I,II	PDC	\$11,105,000.00	50%	Yes-BC	\$500,000.00	
43	45	12094	Haskell	TX0026891	3,300	The City of Haskell (City) currently treats its wastewater in an older extended aeration wastewater treatment plant (WWTP) that has trouble meeting effluent discharge limits. The City also has several areas of collection system piping that has reached the end of its life and needs to be replaced to address inflow/infiltration and deterioration. The City is proposing to replace the old WWTP with a new lagoon and pond system followed by irrigation for a no discharge system. Additionally, the City is seeking to replace approximately 4 blocks of dilapidated section of wastewater line along Avenue H from North 8th street to North 4th street. The City is seeking planning, acquisition, design, and construction funding.	IIIB,I,IIIA	PADC	\$6,300,000.00				

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POTW													
54	40	11924	Holland	TX0046612	1,121	The City is currently under an Agreed Order with TCEQ for permit effluent violations for BOD, TSS, E. Coli Flow, and pH. The City's wastewater treatment plant ponds must have accumulated sludge removed to aid in plant compliance with BOD, pH, TSS and E, coli. Sludge will be removed from the ponds, de-watered and hauled to a licensed disposal facility. The pond slopes must be repaired and stabilized to correct current eroded conditions and prevent future erosion. Mechanical aerators are to be installed in the facultative lagoon to aid in treatment of BOD pH and E. coli.	II	PDC	\$663,000.00	30%			
14	76	11925	Houston		2,201,027	The City needs to rehabilitate/replace existing wastewater collection systems citywide that contribute to significant inflow and infiltration. The City's proposed project is the rehabilitation/replacement of the existing wastewater collection systems citywide by slip-lining and pipe-bursting methods, cured-in-place method, or sanitary sewer cleaning and televised inspection in support of rehabilitation. The project will reduce sanitary sewer overflows in the collection system and optimize performance. This project also includes the purchase of six vacuum trucks in support of rehabilitation. The project is construction ready.	IIIB,IIIA	C	\$61,710,000.00				
32	60	12083	Hudson	TX0068985	7,088	The City's existing wastewater 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 is currently operating at over 80% of design capacity. The facility has historically met permit requirements but has problems with solids removal & handling inflow/infiltration within the collection system. The City is proposing to expand the existing wastewater treatment plant to 0.98 MGD by constructing two new parallel treatment trains. The City plans to rehabilitate/replace areas of deteriorated collection system components to address inflow/infiltration within the system.	IIIA,I,II,IIIB	C	\$4,202,450.00	30%			

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POTW													
3	100	12124	Huntington	TX0053422	2,118	The City needs to rehabilitate the existing wastewater treatment plant to bring the facility back into compliance with TCEQ regulations. The City proposes to renovate and expand the City's WWTP. Proposed improvements will bring the WWTP back into compliance with TCEQ regulations and eliminate an additional treatment facility by combining flow from Lufkin Industries.	I,IVB	PDC	\$2,264,050.00	50%			
28	61	11930	Hutto	TX0132926	22,791	The City needs to extend service into a rapidly developing unserved area west of Texas Tollway 130. The project will also serve a portion of Hutto ISD and other existing commercial facilities. The City proposes to install a lift station and force main from the area west of Texas Tollway 130 north to Limmer Loop. The force main will run west under the 130 toll Road and provide service to the Hutto ISD, commercial properties and residential homes.	IVB,IVA	PADC	\$2,580,846.00				
29	61	11931	Hutto	TX0094927	22,791	The City needs to provide wastewater service to a growing area of the City currently using On-Site Sewage Systems. The City is constructing a new Wastewater Treatment plant on the south side of the City that can accommodate the additional flows. The City proposes to construct a wastewater collection system and interceptor to carry sewage from an unserved area of the City to the south WWTP. The new interceptor will also provide service to Hutto ISD.	IVB,IVA	PADC	\$5,481,441.00				
56	40	11926	Hutto	TX0025577	22,791	The City needs to install an interceptor to transport the solids not processed at the Cottonwood Creek WWTP to the Hutto South WWTP for more efficient processing. The City is proposing to install a 42" wastewater interceptor from the Cottonwood Creek WWTP to Glenwood lift station to allow transportation of solids.	IVB,IIIB	PADC	\$3,085,147.00				
57	40	11927	Hutto		22,791	The City needs to install a pipeline to transport solids not processed at the central WWTP to the South WWTP. Solids are currently trucked off for disposal. The City proposes to install a 36" wastewater interceptor along Cottonwood Creek creating a connection to the central WWTP to the South WWTP.	IVB,IVA	PADC	\$3,402,141.00				

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POTW													
58	40	11928	Hutto		22,791	The City needs to replace a manhole to address releases of sewer gas, inflow/infiltration, and and failing pavement. The City proposes to replace the manhole located north of 401 Front Street to address inflow/infiltration and safety issues.	IIIB	ADC	\$59,778.80				
59	40	11929	Hutto		22,791	The City needs to install a wastewater line to abandon the failing lift station located in Lakeside Estates and and transfer the sewage to the Hutto South WWTP. The City proposes to install a 12" waste water line extension in Lakeside Estates to bypass and existing lift station and connect to an existing 12" line north of Lakeside Estates. The City proposes to up-size the 12" existing line to a 15" to handle the additional flow and transfer the flows to the Hutto South WWTP.	IVA,IIIB	PDC	\$619,805.00				
70	30	11932	Jarrell		984	The current influent average daily flows have reached 75% capacity for 3 consecutive months. Therefore, TCEQ requires the City to be in design of plant improvements to facilitate future growth. It is anticipated that the plant will reach 90% capacity within the year. Therefore, per TCEQ requirements, the plant expansion must be under construction by that time. The plant expansion will consist of a new influent bar screen, influent lift station upgrades, new aeration basin, new clarifier, new disinfection basin, new digester basin, new filter basin, new sludge press with building, new MCC building with office, new electrical transformer, new generator, new access drive and new security fencing. The improvements will also include new SCADA controls to provide 24 hour monitoring of plant operations.	II,I	PDC	\$11,625,500.00				
20	70	12125	Joaquin	TX0069213	824	The City has a wastewater treatment plant (WWTP) that is 25 years old and has exceeded its useful life. Flows at the current WWTP exceed 75% of the permitted average daily flow. The WWTP is under a May 25, 2014 enforcement order for improper operation and reporting, not meeting treatment parameters, and poor condition of some WWTP components. The proposed project plans to demolish the existing WWTP package treatment units and replace with new WWTP treatment units.	I,II	PDC	\$3,915,000.00	70%			

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POTW													
51	40	12126	Kennard	TX0056596	339	The City's wastewater treatment plant is a pond treatment plant system. The lagoons have lost capacity due to sludge build-up. In 2011, the City's WWTP was cited for compliance violations by TCEQ. The City's proposed project will rehabilitate existing wastewater treatment plant, including removal of sludge from existing ponds to restore original treatment capacity.	I	PDC	\$675,000.00	30%			
60	40	11933	Kingsville	TX0117978	26,348	The City needs to expand their south 1.0 MGD Wastewater Treatment Plant to be in compliance with TCEQ Chapter 217 rules since they have exceeded 75% of the existing plants capacity. The City proposes to expand the South 1.0 MGD Wastewater Treatment Plant (WWTP) to 1.75 MGD in order to be in compliance with TCEQ Chapter 217 rules and regulations. The existing WWTP's flow is over 75% of the permitted flow and to maintain compliance with TCEQ Chapter 217, the City is required to start looking at the expansion of the South WWTP.	I,II	PDC	\$16,150,000.00	30%			
16	73	12084	La Feria	TX0032689	7,301	The City needs to continue with improvements to their sanitary sewer collection and treatment system. The City has many areas that have vitrified clay piping and brick manholes that have deteriorated and need to be replaced to reduce inflow and infiltration (I/I). The City needs to address odors and inefficient aeration throughout the system. The City also has several area that need first time sanitary sewer service. The City proposes to provide first time sanitary sewer service to residents located south of the Arroyo Colorado, reduce inflow/infiltration into the existing collection system, and upgrade the wastewater treatment plant to improve efficiency. The City proposes to replace approximately 7,000 feet of deteriorated vitrified clay pipe city-wide, replace approximately 60 manholes city-wide, add aeration and odor control to the WWTP, install at least 2 lift stations, 18,000 feet of force main, and 20,000 feet of new collection system piping.	II,IIIA,IIIB,IVA	PDC	\$13,357,602.52	50%	Yes-BC		

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POTW													
101	0	12117	Liberty	TX0074284	8,397	The City needs to address inflow/infiltration in response to a September 2008 Agreement with TCEQ. The City proposes rehabilitation of manholes & collection lines to reduce infiltration/inflow as outlined in the City's July 2011, response to a September 2008 Agreement with TCEQ. Also included in project is rehabilitation of lift stations and implementation of effluent reuse. Funds are being requested for construction.	IIIA,IIIB	DC	\$5,849,000.00				
72	30	12127	Los Fresnos	TX0091243	5,391	The City needs to rehabilitate their existing wastewater treatment plant to maintain compliance with their permit parameters. The City proposes to complete planning, design, and construction of improvements to their wastewater treatment plant headworks, including new bar screen and grit removal system.	II	PDC	\$1,296,000.00	30%			
78	26	11934	Lubbock		15,591	The City needs to develop and implement a plan to help reduce the risk of flooding for a large portion of the City, including a major medical district providing critical care facilities and over 1200 structures. The City proposes to develop and implement the Northwest Lubbock Drainage Improvements Project. The proposed project will connect 6 playa lakes and includes 11.2 square miles of drainage area. The intent is to install a storm sewer network to drain the playa lakes down to a pre-rain condition and restore capacity within the playas.	VIA	C	\$35,000,000.00				
36	51	12085	Marshall	TX0021784	32,433	The City needs to rehabilitate their East End Lift Station and nearby sanitary sewerlines to address inflow/infiltration and reliability. An emergency power source is needed to address power outages and reliability. The City of Marshall's East End project will completely rehabilitate the lift station and forcemain (approx 560lf), install a new generator, and replace the large failing gravity sewer mains near the lift station (approximately 6900lf with 25 manholes) to address inflow/infiltration and reliability.	IIIB,IIIA	PDC	\$2,640,278.00	30%	Yes-BC	\$325,000.00	

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POTW													
50	41	12091	Marshall	TX0021784	32,433	The City needs to rehabilitate components of their existing wastewater treatment plant. The City's proposes to upgrade the one of the City's two Bio towers, including fixing structural issues in need of repair, and installing new mechanical equipment and media. One of the towers has recently been upgraded.	II	PDC	\$1,170,000.00	30%			
31	60	12027	Mart	TX0026051	2,268	The City needs to address capacity issues with their existing wastewater treatment plant, including treatment components and collection system inflow/infiltration. The City also needs to address stormwater drainage issues within the City. The City's WWTP is in excess of 95% of permitted average daily flow. The entire plant is hydraulically limited, and many basins are process limited such that they are not able to treat even permitted flow. The proposed project will reduce collection system inflow and infiltration (I/I), and fund improvements to the WWTP allowing it to meet current and future flows. A small portion of the proposed budget will fund drainage improvements to reduce flooding in the City.	VIA,,IIIA,I I,IIIB	D	\$742,000.00	70%			
95	10	12029	Mathis	TX0020419	5,001	The City needs to rehabilitate/replace components of their existing collection and treatment system to address items that have reached the end of their useful life. The City proposes to rehabilitate portions of their collection system, including manholes and service connections to address deteriorated piping and inflow/infiltration. The City also proposes to rehabilitate/replace components of their wastewater treatment plant and lift stations to meet current TCEQ 217 rules and regulations.	II,IIIA,IIIB	PDC	\$3,205,500.00	30%			
86	20	12030	Paris	TX0027910	25,023	The City needs to replace approximately 45 individual grinder pumps that are all approaching 20-years old and are becoming unreliable for continued use for sewage disposal. The City proposes to replace individual homeowner grinder pumps in the city and provide traditional gravity sewer collection system to more centralized lift stations. The use of centralized lift stations, in lieu of individual grinder pumps, will provide more efficient collection and disposal of the sewage.	IVB,IVA	PADC	\$2,365,000.00	30%	Yes-BC	\$2,365,000.00	

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POTW													
52	40	12128	Pineland	TX0027154	850	The City needs to rehabilitate/upgrade and expand the current 23-year old wastewater treatment plant which is nearing the end of its useful life. The City also needs to expand treatment capacity due to recent growth and industrial flows. The City is proposing to replace/upgrade their existing treatment plant and add additional treatment capacity. The City also treats industrial wastewater from a nearby industrial facility and improvements are required to continue treatment of municipal and industrial wastewater.	I,II	PDC	\$1,750,000.00	50%			
19	71	12032	Quinlan	TX0022331	1,422	The City needs to address sanitary sewer overflows (SSO) due to both inflow/infiltration (I/I) and lift stations that have reached the end of their life expectancy. Rehabilitation and improvements at the wastewater treatment plant are needed to meet permit parameters. TCEQ has recently cited the City for both SSO's and exceeding capacity. An SSES is currently being conducted including gravity sewer mains and manholes to locate and prioritize collection system I/I. Rehabilitation/upgrades to components of the wastewater treatment plant will also be completed to address treatment issues.	IIIA,IIIB,II	PADC	\$8,000,000.00	70%	Yes-BC	\$6,000,000.00	
11	80	12095	Ranger	TX0118702	2,921	The City needs to update their existing wastewater treatment facility to address issues with permit effluent limits and monitoring of effluent at its existing mechanical wastewater treatment plant. The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, a stabilization pond, and an irrigation holding pond. A holding tank and pump station at the existing WWTP and a 12" forcemain will deliver the wastewater to the new WWTP. The new WWTP will use the effluent for beneficial use with a no discharge permit. It is proposed to construct one or more center pivot irrigation systems to irrigate with the effluent. The City is seeking construction funding.	I	C	\$3,805,000.00	70%	Yes-BC	\$3,805,000.00	

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POTW													
10	80	12033	Rhome	TX0118621	1,598	The City needs to upgrade/replace components of their west wastewater treatment plant that have reached the end of their useful life and treatment capacity. The City also needs to address deteriorating collection system components including lift stations to address sanitary sewer overflows. The City is under TCEQ enforcement for capacity and treatment violations. The City proposes to upgrade/replace components of their west wastewater treatment plant, including treatment units, electrical, piping, controls, etc. The City plans to replace/rehabilitate portions of their collection system, including lift stations, to address overflow and capacity issues.	I,II	PDC	\$1,425,000.00				
8	90	12034	Richland Hills		7,933	The City needs to replace portions of their sanitary sewer collection system to address deteriorated piping and inflow/infiltration. The City intends to replace approximately 7,345 linear feet of 6-inch and 8-inch wastewater mains with 6-inch and 8-inch pipe in various locations within the City. The locations include Glenview, Alley north of Hardisty Street, Ruth Road, Alley west of Grenada Drive, Rosebud Drive, Vivian Lane, Alley north of Deborah Lane, and Oxley Drive. These pipelines have been identified through the city's prioritized condition assessment as the source of infiltration and inflow. The City is seeking construction funding only.	IIIA,IIIB	C	\$1,406,034.00		Yes-BC	\$1,406,034.00	
66	35	12035	River Oaks		7,437	The City entered into an Agreement "Sanitary Sewer Overflow Outreach Initiative" requiring the City to rehabilitate the sewer system collection mains in order to prevent overflows detrimental to public health and the environment. The City plans to replace/rehabilitate their deteriorated sanitary sewer collection system to address inflow/infiltration. The City is seeking funding to continue the replacement program.	IIIA,IIIB	C	\$6,520,176.00		Yes-BC	\$6,520,176.00	

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POTW													
53	40	12036	Rogers	TX0027103	974	The City is currently under an agreed order to comply with permit and TCEQ rule requirements. The City needs to address inflow/infiltration within the collection system and rehab/upgrade component of the Wastewater treatment plant to maintain compliance with TCEQ rules. The City proposes to replace defective wastewater lines, rehabilitate manholes and make improvements to lift stations to improve system reliability and reduce inflow and infiltration. The City also proposes improvements at their wastewater plant ponds and Imhoff tank. All units need to be cleaned of sludge and potential structural issues with ponds investigated and corrected as needed. Plant piping and valves will be replaced as needed to allow efficient operation.	IIIB,II,IIIA	PDC	\$4,747,000.00				
35	51	12037	Roma	TX0117544, TX0119708	18,903	The City needs to rehabilitate/upgrade their existing wastewater treatment facility and collection system components to maintain compliance with current regulations. The City's WWTP was constructed in the early 2000s and is need of specific repairs at the WWTP facility, as well as repairs to one of its major lift stations in the City's collection system. Needed rehabilitation at the City's WWTP include the existing grit removal system, the return activated sludge (RAS) and waste activated sludge (WAS) system, the existing clarifiers, the existing UV disinfection system, the existing solids dewatering system, and the WWTP's onsite support systems. The proposed project will also include the development of an asset management plan for the City's wastewater system.	IIIB,IIIA,II	PDC	\$2,234,000.00	50%	Yes-BC	\$2,234,000.00	
87	16	12113	Rosebud	TX0023981	1,412	The City needs to address inflow/infiltration within their current wastewater system. The collection system contains deteriorated clay piping and brick manholes have cracks in them which introduces inflow and infiltration into the collection system. The City performed a wastewater system evaluation. The study identified several deficiencies in the city's collection system. The City intends to replace deficient collection system components in an effort to reduce inflow and infiltration issues within the system.	IIIA,IIIB	PDC	\$840,258.00	50%	Yes-BC	\$434,700.00	

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POTW													
68	31	12114	Royalwood MUD	TX0062952	1,982	The District needs to upgrade/rehabilitate their 40-year old wastewater treatment plant to continue to provide effective treatment. The proposed project will rehabilitate/upgrade plant controls, electrical, aeration system, repairs and repainting of piping and headworks. The District also proposes to make repairs to the control building, upgrade security by installing new fencing and access road. The District will remove and dispose of sludge drying beds, associated piping, and sand/silt units.	II	PDC	\$804,830.00				
64	39	12086	San Angelo		93,200	The City is pursuing the implementation of a potable reuse project to support current and future water supply needs. The City is proposing to construct an advanced water (wastewater) treatment facility to treat the effluent to a higher level for use as a water supply. The City is proposing to convey up to 12 MGD of effluent from the City's WWTP to an advanced water treatment facility, which will include treatment with low pressure membrane filters, reverse osmosis and advanced disinfection. The discharge from the advanced-treated water will then be delivered to the City's surface WTP where it will undergo complete conventional treatment prior to being delivered to customers. The City is also proposing improvements at the City's water and wastewater treatment plants, evaporation ponds for disposal of concentrate from the reverse osmosis treatment system, conveyance infrastructure to transport the water between the treatment facilities, and a pipeline to convey the concentrate from the reverse osmosis treatment system to the evaporation ponds.	II	PDC	\$150,000,000.00		Yes-BC	\$150,000,000.00	
63	40	12041	San Antonio Water System	TX0077801	1,552,024	The San Antonio Water System needs to address deteriorated sewer mains that have experienced numerous sanitary sewer overflows and must be replaced. The proposed project is part of the EPA Consent Decree, and must be completed by July 2023. SAWS is requesting funds to continue addressing their deteriorated sanitary sewer collection system by replacing approximately six miles of large diameter piping and two siphons. The City anticipates constructing the proposed improvements in two phases.	IIIA,IIIB,IVB	C	\$21,822,500.00				

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POTW													
103	0	12118	San Antonio Water System	TX0077801	1,552,024	SAWS needs to replace/upgrade various electrical components at the Dos Rio Water Recycling Center to maintain reliable treatment. Much of the equipment to be replaced is no longer supported by the manufacturer. The proposed project will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet Federal, State and Local electrical codes and in many cases is no longer supported by the manufacturer.	II	C	\$14,633,300.00				
30	61	12038	San Benito	TX0125971	24,506	The City needs to replace/rehabilitate portions of their collection system to address sanitary sewer overflows. The City is under an SSO agreement and has a schedule to complete improvements. This project includes improvements to the City's sanitary sewer collection (cleaning, repairing and/or installing new gravity mains & manholes) and pumping systems (lift station rehabilitations or replacements). A portion of this work is considered the Phase II Sanitary Sewer Overflow Initiative Improvements. An Asset Management Plan and modeling of the wastewater collection & pumping systems are proposed as a part of the project.	IIIA,IIIB	PADC	\$7,042,450.00	30%			
61	40	12097	San Juan	TX0057592	35,598	The City is experiencing collection system overloading. The City plans to complete the construction phase of the rehabilitation/replacement/enlargement of 6 lift stations and construction of associated force mains to alleviate overloading on their collection system. This project application will fund construction only.	IIIB	C	\$8,555,000.00				

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POTW													
40	48	12098	San Marcos	TX0047945	58,892	The City needs to expand their Water Reuse System Project to provide additional service within the City and to Texas State University. The City is seeking construction phase funding for the city's Water Reuse System Expansion Project, which will reduce withdrawals from the Edwards Aquifer and from the San Marcos River by replacing potable water used for chill plant makeup water at Texas State University, as well as for irrigation uses by both the city and university. Funding is requested for construction of approximately 8,900 LF of 16-in. reclaimed water transmission mains that will serve needs of Texas State University and the city; and adding a fourth 125 hp pump to meet the higher reuse water demands.	X	C	\$4,572,260.00	30%	Yes-BC	\$5,641,685.00	
84	20	12045	Snook	TX0056189	474	The City needs to rehabilitate and expand their current wastewater treatment plant. The City proposes to address capacity and treatment issues by improving treatment processes and expanding their wastewater treatment plant.	I	PDC	\$2,303,800.00				
69	31	12119	Sonora	TX0023191	2,908	The City needs to continue addressing wastewater system deficiencies to meet a Texas Commission on Environmental Quality enforcement order. The City of Sonora is proposing to complete the 3rd phase of wastewater collection system improvements to address a TCEQ enforcement action dated 10/15/2009. The system improvements include pipeline rehabilitation by cure-in place and/or pipe bursting and manhole renewal using repair of bench, cones and lids and the addition of epoxy liners. New manholes will be added on the end of lines to allow the City maintenance access for reducing overflows. The City will also replace the "Exxon Lift Station".	IIIA,IIIB	PADC	\$5,250,000.00				

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POTW													
92	11	12087	Stamford	TX0025411	3,033	The City needs to replace their deteriorated collection system and lift stations to address inflow/infiltration. The City proposes to replace an existing lift station and aging sewer lines in the collection system. The City proposes to replace asbestos cement and older PVC pipe sewer lines throughout the collection system to address inflow and infiltration into the collection system. The existing lift station will be replaced with a new lift station, including pumps, electrical, controls, etc. for a fully operational lift station.	IIIA,IIIB	PDC	\$3,144,000.00	30%			
44	45	12047	Stephenville	TX0024228	19,374	The City of Stephenville needs to expand their sanitary sewer collection system to increase capacity to accommodate recent growth in the area and deteriorating collection system components. The proposed Eastside Sewer Collector will provide a larger capacity sanitary sewer main and laterals to areas in the City of Stephenville. The Phase I project will eliminate a critical capacity burden on the existing sanitary sewer collection system and reduce inflow/infiltration. Two fifteen-inch lateral mains will be tied onto the Eastside Sewer trunk main, relieving a section of old, undersized, clay collection system piping and addressing I/I. The Phase I project will also provide sanitary sewer collection to a new area of recently constructed student and multi-family housing constructed to accommodate Tarleton State students.	IVA,IVB,IIA,X	C	\$10,200,000.00		Yes-BC	\$1,000,000.00	
79	25	12120	Strawn		653	The City needs to replace their deteriorated collection system to address excessive inflow/infiltration. The City's proposed project consists of replacing old, deteriorated sewer collection lines City wide to reduce inflow and infiltration.	IIIA	PDC	\$405,000.00	30%	Yes-BC	\$405,000.00	
18	71	12048	Upper Leon River MWD	TX0128813	255	The District needs to make improvements in the solids handling at their existing wastewater treatment plant to address permit compliance issues. The District proposes improving solids handling at the existing WWTP by constructing new holding tank(s) and dewatering system. The District will develop and implement an industrial pretreatment program to reduce heavy metal waste in the influent.	I	PDC	\$988,000.00	50%			

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POTW													
34	51	12049	Valley Mills	TX0075647	1,449	The needs to upgrade/rehabilitate many of the existing process components at the City's WWTP. Existing lift stations within the collection and treatment system have reached the end of their useful life and require replacement. The City's wastewater treatment system is not capable of meeting current TCEQ design requirements. The City proposes to make improvements at the City's WWTP, including an upgrade to preliminary treatment units, aeration, secondary treatment units, solids handling, and disinfection. The project will replace the existing inefficient lift stations pumps with new submersible pumps, electrical, and control systems.	II,IIIB	PDC	\$2,866,000.00		Yes-BC	\$2,866,000.00	
48	41	12129	Vernon	TX0023001	11,041	The City's existing wastewater treatment plant (WWTP) is aged and almost every plant unit is in need of rehabilitation or replacement. The City received a Notice of Violation showing that their plant has had instances in the past few years of failing to meet permit limits. The City's proposed project includes improvements to the City's WWTP including rehabilitation of both the primary and secondary clarifier, add a second primary clarifier, replace headworks units including, grit removal and bar screen, rehabilitate the main lift station, rehabilitate the existing sand filters, replace the belt press and rehabilitate and add control and automation processes throughout the plant. The City is also proposing to install 8 miles of treated effluent line from the WWTP for beneficial reuse.	II	PADC	\$11,500,000.00	50%			
7	91	12088	Vinton	TX0087149	2,519	Village of Vinton's residents currently operate aged on-site sewage facilities, which often overflow and fail, and would benefit from a centralized collection system. Construction of the Village's first phase of the centralized wastewater collection system. The Village plans to construct a 1.5 mgd lift station, 8,500 linear feet of gravity line and 5,800 linear feet of force main to allow connection to the El Paso Northwest Wastewater Treatment Plant. The Village plans to utilize Village owned roadways for installation of the new system and plans on including 16,000 square yards of pavement replacement in the project.	IVA,IIIB	C	\$22,802,260.00	70%			

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POTW													
77	26	12050	West Cedar Creek MUD	TX0023396	1,199	The District transports and treats the wastewater generated by the City of Kemp and needs to replace the City's approximately 50-year old collection system components to address high amounts of Inflow and Infiltration (I/I). The District is requesting the funding for construction only for approximately 7,100 linear feet of 6-inch to 10-inch wastewater pipelines within the limits of the City.	IIIB,IIIA	C	\$1,564,920.00	30%	Yes-BC	\$1,564,920.00	
21	70	12051	West Hardin Co CISD		3,884	The District's current wastewater treatment facility has reached its capacity and has been under enforcement through the TCEQ. The District needs to build a new, larger wastewater treatment facility. The District proposes to construction an 18,000 GPD Wastewater Treatment Facility to replace the existing 8,000 GPD Treatment Facility that serves the school.	I	PDC	\$490,000.00				
98	1	12121	Whitney	TX0106551	2,087	The City wishes to make improvements to their wastewater system and realize that the prudent way to determine project priorities, a wastewater master plan needs to be developed. The plan will assist the City in developing a wastewater CIP to implement future projects to remedy I&I issues in their collection system and at the WWTP. The master plan will also enable the plant to be operated more efficiently. The City is submitting this funding request for a wastewater system master plan which is intended to provide the City with an assessment of their current wastewater system, provide GIS documentation on all system components/infrastructure, and provide a recommendation on a systematic approach to infrastructure improvements. The City will also develop their asset management plan with the assistance of TCEQ's FMT contractor.		P	\$120,000.00				
85	20	12132	Willow Park	TX0099732	3,885	The City of Willow Park needs to address inflow and infiltration (I/I) within their system. The City proposes to replace old and deteriorated sewer collection lines and manholes within the service area to reduce inflow and infiltration.	IIIA	PDC	\$596,000.00		Yes-BC	\$596,000.00	

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POTW													
91	11	12089	Winters		2,532	Much of the collection system is 1930-s era clay piping with brick manholes that has deteriorated to the point of collapse, creating issues with blockage and debris in the main lift station. The City needs to replace their collection system and upgrade/rehabilitate the main lift station pumping to the wastewater treatment facility. The City proposes to replace deteriorated collection system components to address inflow/infiltration and upgrade the main lift station feeding the wastewater treatment plant. The main lift station will be upgraded and will include screens to catch the debris.	IIIA,IIIB	PDC	\$2,323,000.00	30%	Yes-BC	\$2,323,000.00	
15	73	12109	Wolfe City	TX0023558, TX0124192	1,536	The City needs to make improvements to the City's entire sanitary sewer collection and treatment system to address an enforcement action with the Texas Commission on Environmental Quality (TCEQ) due to Inflow/Infiltration (I/I). WWTP improvements are needed to address compliance issues. The City's proposed project consists of improvements to the City's entire collection system and wastewater treatment plant. The improvements would include replacing sewer lines, replacing three lift stations, and making improvements to the wastewater treatment plant. The improvements to the plant would include installing aerators, renovating the three sludge drying beds, repairing the outlet structure and building improvements. The City is under an enforcement action with the TCEQ for the WWTP. The City also plans to prepare an asset management plan as part of the proposed project.	II,IIIB,IIIA	PDC	\$5,000,000.00	50%	Yes-BC	\$100.00	

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POTW														
38	50	12090	Woodloch	TX0075680	836	The Town's existing sanitary sewer lines, manholes and waste water treatment plant have deteriorated and need to be replaced. The collection system lines and manholes need to be replaced to reduce infiltration and lower the unnecessary demand on the WWTP. The Town's approximate 30-year old metal package type WWTP has deteriorated beyond feasible maintenance and reliability and needs to be replaced. The system is currently experience higher than average breakdowns and overflows. The Town proposes to replace its failing WWTP by constructing a new similar size plant adjacent to the existing plant and to replace approximately 15 manholes and over 5,000 feet of collection system to address inflow/infiltration. All proposed improvements will be designed to meet current TCEQ 217 design criteria.	II,IIIB,I	PDC	\$2,730,000.00	70%				
73	30	12130	Yoakum	TX0026034	6,102	The City needs to replace/upgrade existing deteriorated sanitary sewer collection system components to address inflow/infiltration. The City proposes to continue replacement of their deteriorated sanitary sewer collection system. The proposed project includes portions of system originally planned for rehab and rehabilitation that were dropped from a previous project.	IIIA,IIIB	C	\$665,000.00					
74	30	12131	Yoakum	TX0026034	6,102	The City needs to replace/rehabilitate an existing gravity sanitary sewer line to address capacity and Inflow/infiltration. The City proposes to replace a gravity line that receives the flow from the force main out of a lift station. The replacement will correct a capacity problem that results in back flow during times of wet weather and heavy flows.	IIIA,IIIB	DC	\$435,000.00					
POTW Total		103								\$837,843,758.32	49	43	\$271,674,710.00	

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Nonpoint Source													
6	41	11906	Alton		14,735	The City needs to prepare a master drainage plan to address drainage issues within the city. The City is requesting planning funds to prepare a master drainage study of the city that will help identify areas with high risk of flooding. Proposed storm system improvements will be identified and a Capital Improvement Program will be developed. Recommended improvements will include servicing of anticipated future growth. This project will also allow for the City of Alton to develop an asset management plan for their stormwater system.		P	\$500,000.00	30%	Yes-BC	\$150,000.00	
3	66	12031	Pharr		73,143	The City of Pharr needs to address stormwater drainage issues city wide. The City of Pharr is applying for Planning funds to conduct a city-wide master drainage plan that will characterize and model the existing storm drainage system to identify deficiencies and propose improvements to enhance system reliability, establish storm drainage system design and planning criteria, recommend improvements needed to service anticipated future growth, and develop a Capital Improvement Program with a focus on storm water management strategies that reduce the impacts of urban runoff through low impact development techniques such as vegetated swales, bio-retention areas, and the use of porous pavements. An asset management plan for their storm sewer system will also be produced as a result of this project.	.,VIA,	P	\$1,400,000.00	30%	Yes-BC	\$420,000.00	

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Nonpoint Source													
2	80	12040	San Antonio River Authority		1,786,593	The River Authority is developing a Cibolo Creek Holistic Watershed Master Plan (total/integrated water resources management planning) for our entire Cibolo basin that will focus on Flood issues (H&H), Stream Restoration, Water quality modeling, Water quality BMPs, GIS/Mapping/Remote Sensing, Low Impact Development, MS4 Permitting, Conservation Easements, Mitigation Banking, and Nature-based Park Planning. SARA intends for the master plan to be a living documents, so it will be updated yearly. The master plan will also identify projects that are ready to be implemented once funding is available each year. A Water Quality HSPF Model will also be developed on Cibolo Watershed. The model will provide feedback on impairments and provide locations where best management practices can be implemented in order to provide a reduction in the constituents causing the impairments. The River Authority received CWSRF money from the 2013 IUP to prepare watershed management plans and seeks funding to continue its work on the plans.	,,,VIA	P	\$792,478.00		Yes-BC	\$792,478.00	
4	52	12096	San Juan	TX0057592	35,598	The City needs to provide first-time sanitary sewer collection and treatment to areas within the City that currently use on-site sewage facilities. The City is proposing to install first time sanitary sewer collection and treatment to approximately 105 homes within their service area. The project includes installation of collection piping, service yard lines to the house connection point, and decommissioning of the on-site sewage facilities. A current EDAP funded project is funding the planning, acquisition and design of this project.	IVA,VII	C	\$2,285,000.00				

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Appendix G. Project Priority List - Alphabetical**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Nonpoint Source													
1	105	12039	San Marcos		69,873	The City of San Marcos needs to plan, design, and construct stormwater improvements in the area surrounding the confluence of the Blanco and San Marcos Rivers to address repeated flooding. The City of San Marcos is proposing a planning study to identify a feasible solution for flood reduction, as well as implementation of the recommended solution. It is anticipated that a buyout and repurpose alternative will be the most feasible solution for implementation. Therefore, the acquisition and implementation phases of the project are based on the buyout and repurpose alternative.	VII,	PADC	\$61,545,000.00	50%	Yes-BC	\$3,940,000.00	
5	45	12044	Smithville		3,890	The City needs to plan, design, and construct stormwater management strategies to address flooding within the City. The City proposes to construct a regional detention/retention pond and improvements and stormwater system improvements. The regional detention/retention pond will be a wet pond that will also reduce pollutants in the stormwater runoff and act as pre-treatment prior to discharging to Willow Creek. Reduction of flooding will also reduce stormwater infiltration into the wastewater sewer system which is an issue during severe rainfall events.	VIA,,,,VII	ADC	\$4,087,000.00	30%			
8	25	12043	Smithville		3,890	The City needs to address flooding. Historically, during heavy rainfall events, residents along 7th Street (between Marburger Street and Faulkner Road) have experienced flooding within their homes, yards, and over the existing city street. The objective of this project is to provide a cost effective solution for flood relief to property owners. The City proposes to address flooding by constructing a detention pond adjacent to 7th Street. An approximate 40 acre-foot detention pond would be required to store storm runoff and provide some flood protection to the area.	,VIA,,VII,	ADC	\$1,066,000.00	30%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s	
Nonpoint Source														
7	27	12052	Wharton		8,768	The City needs to address flooding in areas of the City. The City proposes to partner with the Corp of Engineers to address flooding within the City. The Corp of Engineers has developed plans and specs for construction of a Colorado River Levee System for the City. The City will be responsible for about 35% of the cost and is requesting funding for their portion of the project.	VIA,,,	PADC	\$4,965,607.00	30%				
Nonpoint		8							\$76,641,085.00	6	4	\$5,302,478.00		
Total		111							\$914,484,843.32	55	47	\$276,977,188.00		

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

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

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 Appendix H. Alphabetic List of Ineligible Projects**

	PIF #	Entity	Project Cost	Reason for Ineligibility
POTW				
1	12123	Cameron	\$10,000,000.00	Received commitment of funds in prior Intended Use Plan
2	12107	Laguna Madre WD	\$5,889,000.00	Received commitment of funds in prior Intended Use Plan
3	12140	North Fort Bend WA	\$10,880,000.00	Received commitment of funds in prior Intended Use Plan
4	12108	Sulphur Springs	\$18,200,000.00	Received commitment of funds in prior Intended Use Plan

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Appendix I. Projects Ineligible for Disadvantaged Funding**

	PIF #	Entity	Project Cost	Reason for Ineligibility
1	11904	Albany	\$4,971,000.00	AMHI
2	12122	Bruceville-Eddy	\$9,000,000.00	AMHI
3	12078	Coahoma	\$2,861,000.00	AMHI
4	12102	Dublin - Collection	\$3,500,000.00	AMHI
5	12103	Dublin - WWTP	\$1,040,000.00	AMHI
6	11915	Eagle Lake	\$4,286,725.00	DNS
7	12104	Eagle Pass - WWTP	\$891,250.00	HCF
8	12080	Eden	\$2,191,000.00	AMHI
9	12081	Forsan	\$2,412,000.00	AMHI
10	12106	Graford	\$215,000.00	AMHI
11	12112	Harris Co FWSD # 47	\$986,500.00	AMHI
12	12094	Haskell	\$6,300,000.00	AMHI
13	11932	Jarrell	\$11,625,500.00	AMHI
14	12033	Rhome	\$1,425,000.00	AMHI
15	12035	River Oaks	\$6,520,176.00	AMHI
16	12036	Rogers	\$4,747,000.00	AMHI
17	12114	Royalwood MUD	\$804,830.00	AMHI
18	12086	San Angelo	\$150,000,000.00	AMHI
19	12096	San Juan - Collection	\$2,237,500.00	HCF
20	12097	San Juan - Lift Station	\$8,555,000.00	HCF
21	12108	Sulphur Springs	\$18,200,000.00	AMHI
22	12049	Valley Mills	\$2,866,000.00	AMHI
23	12121	Whitney	\$120,000.00	AMHI
24	12132	Willow Park	\$596,000.00	AMHI
25	12131	Yoakum East	\$435,000.00	DNS
26	12130	Yoakum Phase 4	\$665,000.00	DNS
Total			\$247,451,481.00	

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

DNS = Did not submit updated disadvantaged community worksheets

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

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
1	129	12077	Cisco	TX0053716	3,899	Components of the City's wastewater treatment plant and collection system that have reached the end of their useful lives. In addition, one of the City's lift stations has become a detriment to the public health, safety and welfare for which the Texas Commission on Environmental Quality (TCEQ) issued a violation during a Comprehensive Performance Investigation. The City is proposing to replace lift stations that have reached the end of their useful life. The City also proposes to add several new treatment units at the wastewater treatment plant to provide more effective and efficient treatment of the sewage. Improvements at the wastewater treatment plant will be designed to meet the City's TPDES permit.	II,IIIB	C	\$4,958,000.00	30%	Yes-BC	\$4,958,000.00	
2	110	11908	Arlington		371,880	The City of Arlington needs to replace wastewater collection system piping to address inflow/infiltration city wide. The City's project includes prioritized wastewater pipeline replacement that consisting of 29 gravity segments owned by the City. The total length of pipeline replacement segments is approximately 19,075 linear feet with pipe sizes ranging from 4 to 24 inches. The segments were noted to have high amounts of Inflow and Infiltration (I/I) and the majority of the lines have been in service for at least 30 years. The proposed replacement segments are part of an on-going SSO agreement.	IIIA,IIIB	C	\$5,512,408.00		Yes-BC	\$5,512,408.00	
3	100	12124	Huntington	TX0053422	2,118	The City needs to rehabilitate the existing wastewater treatment plant to bring the facility back into compliance with TCEQ regulations. The City proposes to renovate and expand the City's WWTP. Proposed improvements will bring the WWTP back into compliance with TCEQ regulations and eliminate an additional treatment facility by combining flow from Lufkin Industries.	I,IVB	PDC	\$2,264,050.00	50%			
4	100	11914	Donna	TX0132082	17,630	The City needs to expand their wastewater treatment plant to address issues with capacity and non-compliance. The City proposes to expand its existing Wastewater Treatment Plant from 1.8 MGD to 2.4 MGD as the plant is at approximately 95% of capacity.	I,II	PDC	\$6,000,000.00	30%			11913

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
5	95	11921	Grand Prairie		185,450	The City needs to replace/rehabilitate areas of the City's collection system to address deteriorated piping that is contributing to excessive inflow/infiltration (I/I). The City intends to replace approximately 23,477 linear feet of existing 8-inch to 12-inch wastewater mains with 12-inch to 18-inch pipe in various locations within the City. The project names for the segments to be replaced are NW 23rd. Street to Roman Road, North Carrier and Hill, High School Drive, NE 5th Street and Tarrant Road, NE 19th Street, Gifford Street, Hensley Drive, Idlewild Road, Lakeview Drive, and Springdale Lane and Beltline Road.	IIIA,IIIB	C	\$5,644,252.00		Yes-BC	\$5,644,252.00	
6	95	11920	Fort Worth	TX0047295	792,720	The City needs to rehabilitate/replace existing wastewater piping to address deteriorated pipe conditions and inflow/infiltration into the system. The City intends to rehabilitate and replace approximately 7,309 linear feet of 30-inch to 54-inch wastewater mains with 36-inch to 60-inch pipe at three locations within the City. The three project locations are portions of the Village Creek Parallel Interceptor System, along the northwest side of Lake Arlington.	IIIA,IIIB	C	\$6,307,715.00		Yes-BC	\$6,307,715.00	
7	91	12088	Vinton	TX0087149	2,519	Village of Vinton's residents currently operate aged on-site sewage facilities, which often overflow and fail, and would benefit from a centralized collection system. Construction of the Village's first phase of the centralized wastewater collection system. The Village plans to construct a 1.5 mgd lift station, 8,500 linear feet of gravity line and 5,800 linear feet of force main to allow connection to the El Paso Northwest Wastewater Treatment Plant. The Village plans to utilize Village owned roadways for installation of the new system and plans on including 16,000 square yards of pavement replacement in the project.	IVA,IIIB	C	\$22,802,260.00	70%			

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POTW													
8	90	12034	Richland Hills		7,933	The City needs to replace portions of their sanitary sewer collection system to address deteriorated piping and inflow/infiltration. The City intends to replace approximately 7,345 linear feet of 6-inch and 8-inch wastewater mains with 6-inch and 8-inch pipe in various locations within the City. The locations include Glenview, Alley north of Hardisty Street, Ruth Road, Alley west of Grenada Drive, Rosebud Drive, Vivian Lane, Alley north of Deborah Lane, and Oxley Drive. These pipelines have been identified through the city's prioritized condition assessment as the source of infiltration and inflow. The City is seeking construction funding only.	IIIA,IIIB	C	\$1,406,034.00		Yes-BC	\$1,406,034.00	
9	85	12103	Dublin	TX0054348	4,207	The City needs to make improvements to their wastewater treatment facility to address a TCEQ enforcement order. The current state of the wastewater treatment plant contributes to a number of violations including failure to prevent unauthorized discharge of wastewater, failure to properly dispose of sludge, and failure to meet one or more permit parameter. The City's proposed project consists of planning, design, and construction phases for the implementation of wastewater treatment plant improvements. The improvements are necessitated by the age of the plant which contributes to inefficiencies in the treatment process.	I	PDC	\$1,040,000.00				
10	80	12033	Rhome	TX0118621	1,598	The City needs to upgrade/replace components of their west wastewater treatment plant that have reached the end of their useful life and treatment capacity. The City also needs to address deteriorating collection system components including lift stations to address sanitary sewer overflows. The City is under TCEQ enforcement for capacity and treatment violations. The City proposes to upgrade/replace components of their west wastewater treatment plant, including treatment units, electrical, piping, controls, etc. The City plans to replace/rehabilitate portions of their collection system, including lift stations, to address overflow and capacity issues.	I,II	PDC	\$1,425,000.00				

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POTW													
11	80	12095	Ranger	TX0118702	2,921	The City needs to update their existing wastewater treatment facility to address issues with permit effluent limits and monitoring of effluent at its existing mechanical wastewater treatment plant. The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, a stabilization pond, and an irrigation holding pond. A holding tank and pump station at the existing WWTP and a 12" forcemain will deliver the wastewater to the new WWTP. The new WWTP will use the effluent for beneficial use with a no discharge permit. It is proposed to construct one or more center pivot irrigation systems to irrigate with the effluent. The City is seeking construction funding.	I	C	\$3,805,000.00	70%	Yes-BC	\$3,805,000.00	
12	76	12102	Dublin		4,207	The City needs to replace the deteriorated clay tile sanitary sewer collection system citywide to address infiltration/inflow and a Texas Commission on Environmental Quality (TCEQ) enforcement order. The City is proposing to replace existing, deteriorated clay tile sewer lines to mitigate inflow & infiltration and to extend first time sanitary sewer service into new areas.	IIIB,IIIA	PDC	\$3,500,000.00				12103
13	76	11923	Harris Co MUD # 208		20,765	The District needs to upgrade/rehabilitate their wastewater treatment plant to implement reuse for irrigation within the area. The Copperfield WWTP is a regional plant that serves Harris County MUD Nos. 162, 163, 179, 186,188 and 208. The plant is managed collectively by the six districts through the Copperfield Joint Operations Board (CJOB). All six MUDs will benefit from the implementation of the project. The Project consist of tertiary treatment and storage at the WWTP site and a distribution system to supply Type 1 treated effluent for irrigation and non-potable industrial purposes. Project planning is complete with funding being sought for design and construction phases. As part of this project, the asset management plan will be updated to reflect the new infrastructure. Water conservation and drought contingency plans will also be updated.	II,X	DC	\$10,120,000.00		Yes-BC	\$10,120,000.00	

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POTW													
14	76	11925	Houston		2,201,027	The City needs to rehabilitate/replace existing wastewater collection systems citywide that contribute to significant inflow and infiltration. The City's proposed project is the rehabilitation/replacement of the existing wastewater collection systems citywide by slip-lining and pipe-bursting methods, cured-in-place method, or sanitary sewer cleaning and televised inspection in support of rehabilitation. The project will reduce sanitary sewer overflows in the collection system and optimize performance. This project also includes the purchase of six vacuum trucks in support of rehabilitation. The project is construction ready.	IIIB,IIIA	C	\$61,710,000.00				
15	73	12109	Wolfe City	TX0023558, TX0124192	1,536	The City needs to make improvements to the City's entire sanitary sewer collection and treatment system to address an enforcement action with the Texas Commission on Environmental Quality (TCEQ) due to Inflow/Infiltration (I/I). WWTP improvements are needed to address compliance issues. The City's proposed project consists of improvements to the City's entire collection system and wastewater treatment plant. The improvements would include replacing sewer lines, replacing three lift stations, and making improvements to the wastewater treatment plant. The improvements to the plant would include installing aerators, renovating the three sludge drying beds, repairing the outlet structure and building improvements. The City is under an enforcement action with the TCEQ for the WWTP. The City also plans to prepare an asset management plan as part of the proposed project.	II,IIIB,IIIA	PDC	\$5,000,000.00	50%	Yes-BC	\$100.00	

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POTW													
16	73	12084	La Feria	TX0032689	7,301	The City needs to continue with improvements to their sanitary sewer collection and treatment system. The City has many areas that have vitrified clay piping and brick manholes that have deteriorated and need to be replaced to reduce inflow and infiltration (I/I). The City needs to address odors and inefficient aeration throughout the system. The City also has several area that need first time sanitary sewer service. The City proposes to provide first time sanitary sewer service to residents located south of the Arroyo Colorado, reduce inflow/infiltration into the existing collection system, and upgrade the wastewater treatment plant to improve efficiency. The City proposes to replace approximately 7,000 feet of deteriorated vitrified clay pipe city-wide, replace approximately 60 manholes city-wide, add aeration and odor control to the WWTP, install at least 2 lift stations, 18,000 feet of force main, and 20,000 feet of new collection system piping.	II,IIIA,IIIB,IVA	PDC	\$13,357,602.52	50%	Yes-BC		
17	73	11916	El Paso PSB	TX0087149	823,862	El Paso needs to extend first time sanitary sewer service to areas of the community that do not have centralized collection system. The City proposes to construct the infrastructure to provide first time sanitary sewer to the Four Streets section of the colonia of Canutillo, Texas. Canutillo was platted in 1910. This community now has approximately 6100 residents in two areas, Canutillo Township, and Canutillo Industrial Park (which was platted in 1975). These areas have been tested there is an indication that seepage from on-site septic tanks or cesspools is taking place. EPWU received PAD funding from TWDB for this project from the EDAP fund. The City is requesting funding to commence and complete project construction of 41 sewer connections.	IVB,IVA	C	\$912,246.00	30%			
18	71	12048	Upper Leon River MWD	TX0128813	255	The District needs to make improvements in the solids handling at their existing wastewater treatment plant to address permit compliance issues. The District proposes improving solids handling at the existing WWTP by constructing new holding tank(s) and dewatering system. The District will develop and implement an industrial pretreatment program to reduce heavy metal waste in the influent.	I	PDC	\$988,000.00	50%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
19	71	12032	Quinlan	TX0022331	1,422	The City needs to address sanitary sewer overflows (SSO) due to both inflow/infiltration (I/I) and lift stations that have reached the end of their life expectancy. Rehabilitation and improvements at the wastewater treatment plant are needed to meet permit parameters. TCEQ has recently cited the City for both SSO's and exceeding capacity. An SSES is currently being conducted including gravity sewer mains and manholes to locate and prioritize collection system I/I. Rehabilitation/upgrades to components of the wastewater treatment plant will also be completed to address treatment issues.	IIIA,IIIB,II	PADC	\$8,000,000.00	70%	Yes-BC	\$6,000,000.00	
20	70	12125	Joaquin	TX0069213	824	The City has a wastewater treatment plant (WWTP) that is 25 years old and has exceeded its useful life. Flows at the current WWTP exceed 75% of the permitted average daily flow. The WWTP is under a May 25, 2014 enforcement order for improper operation and reporting, not meeting treatment parameters, and poor condition of some WWTP components. The proposed project plans to demolish the existing WWTP package treatment units and replace with new WWTP treatment units.	I,II	PDC	\$3,915,000.00	70%			
21	70	12051	West Hardin Co CISD		3,884	The District's current wastewater treatment facility has reached its capacity and has been under enforcement through the TCEQ. The District needs to build a new, larger wastewater treatment facility. The District proposes to construction an 18,000 GPD Wastewater Treatment Facility to replace the existing 8,000 GPD Treatment Facility that serves the school.	I	PDC	\$490,000.00				
22	70	11913	Donna		17,630	The City needs to replace many of their sanitary sewer collection lines that have reached the end of their useful life, many over 60-years old. The City proposes the replacement of existing wastewater collection lines to address inflow/infiltration and breakage.	IIIB,IIIA	PDC	\$1,290,000.00	30%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
23	70	11912	Denton	TX0047180	125,000	The City needs to replace deteriorated wastewater collection lines to address infiltration/inflow into the system. The City of Denton intends to replace approximately 24,916 linear feet of 8-inch to 30-inch wastewater mains at various locations within the City to address I/I and deteriorating collection system components. Some of the locations include the Pecan Creek Interceptor IV, Westgate Drive, North Bell Avenue, Foxcroft Circle, Victoria Drive, Emerson Lane, Thomas Street, Paisley Street, North Texas Boulevard, Rose Street, South Wood Street, East Sycamore Street, Hill Alley, Dallas Drive, Kerley Street, Kendolph Drive, and Lindsey Street.	IIIB	C	\$4,265,620.00		Yes-BC	\$4,265,620.00	
24	69	12079	Eastland	TX0024007	3,919	The City needs to upgrade/rehabilitate many components of their existing wastewater treatment plant to meet permit parameters. The City must meet TCEQ's 210 requirements for non-potable reuse. Furthermore, recent equipment failures at the City's WWTP have resulted in both historical TPDES permit violations as well as multiple recent TPDES permit violations in 2015, with an Notice of Enforcement issued in 2015. The proposed project includes an upgrade of existing processes at the City's existing WWTP, as well as replacement of an existing lift station and aging sewer lines in the collection system. Proposed improvements at the City's WWTP include an upgrade to the headworks, secondary biological treatment process, UV disinfection system and solids dewatering system. By completing the proposed upgrades to the WWTP, the City will be able to consistently meet 210 requirements for reuse, allowing the City to increase use of its non-potable beneficial reuse system, reducing overall drinking water usage in areas of non-potable use throughout the City. The project will also replace the existing inefficient lift station pumps with new submersible pumps and control systems. The lift station will also be sized to accommodate the anticipated future population growth in the area. The City will begin an asset management plan.	I,IIIA,IIIB	PDC	\$7,615,000.00	30%	Yes-BC	\$7,615,000.00	

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
25	62	12122	Bruceville-Eddy		1,731	The City needs to construct a first time wastewater collection and treatment system to replace failing on-site sanitary sewer facilities. The City currently utilizes 100% on-site sewage treatment systems. The proposed project includes planning, acquisition, design, and construction of a new wastewater collection system and treatment facility to serve the City of Bruceville-Eddy which currently utilizes 100% OSSF. The proposed project includes preparation of an Asset Management Plan.	I,II,IVA,IV B	PADC	\$9,000,000.00		Yes-BC	\$2,450,000.00	
26	61	12099	Farmersville	TX0129402	3,301	The City needs to construct a new regional wastewater treatment facility, interceptor, and sanitary sewer system components to address capacity issues and growth in the area. The City proposes to design and construct a new regional wastewater treatment facility. The new plant will primarily serve customers on the east side of Lake Lavon. In addition, the City will construct a new interceptor to deliver flow to the new regional WWTP, new collection system components, including lift stations and force mains.	I,II,IIIA,III B	DC	\$17,500,000.00				
27	61	11903	Alamo	TX0057622	19,224	The City needs to replace their existing lagoon wastewater treatment facility with a sewer plant to provide more efficient wastewater treatment for the city. The City is proposing to construct a new 2.5 MGD mechanical sewer plant to replace their aged lagoon system. The new plant will provide reduce odors, lower nuisance complaints, and provide more efficient treatment of the sewage.	I	PDC	\$9,731,000.00	30%			
28	61	11930	Hutto	TX0132926	22,791	The City needs to extend service into a rapidly developing un-served area west of Texas Tollway 130. The project will also serve a portion of Hutto ISD and other existing commercial facilities. The City proposes to install a lift station and force main from the area west of Texas Tollway 130 north to Limmer Loop. The force main will run west under the 130 toll Road and provide service to the Hutto ISD, commercial properties and residential homes.	IVB,IVA	PADC	\$2,580,846.00				

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POTW													
29	61	11931	Hutto	TX0094927	22,791	The City needs to provide wastewater service to a growing area of the City currently using On-Site Sewage Systems. The City is constructing a new Wastewater Treatment plant on the south side of the City that can accommodate the additional flows. The City proposes to construct a wastewater collection system and interceptor to carry sewage from an unserved area of the City to the south WWTP. The new interceptor will also provide service to Hutto ISD.	IVB,IVA	PADC	\$5,481,441.00				
30	61	12038	San Benito	TX0125971	24,506	The City needs to replace/rehabilitate portions of their collection system to address sanitary sewer overflows. The City is under an SSO agreement and has a schedule to complete improvements. This project includes improvements to the City's sanitary sewer collection (cleaning, repairing and/or installing new gravity mains & manholes) and pumping systems (lift station rehabilitations or replacements). A portion of this work is considered the Phase II Sanitary Sewer Overflow Initiative Improvements. An Asset Management Plan and modeling of the wastewater collection & pumping systems are proposed as a part of the project.	IIIA,IIIB	PADC	\$7,042,450.00	30%			
31	60	12027	Mart	TX0026051	2,268	The City needs to address capacity issues with their existing wastewater treatment plant, including treatment components and collection system inflow/infiltration. The City also needs to address stormwater drainage issues within the City. The City's WWTP is in excess of 95% of permitted average daily flow. The entire plant is hydraulically limited, and many basins are process limited such that they are not able to treat even permitted flow. The proposed project will reduce collection system inflow and infiltration (I/I), and fund improvements to the WWTP allowing it to meet current and future flows. A small portion of the proposed budget will fund drainage improvements to reduce flooding in the City.	VIA,,IIIA,I I,IIIB	D	\$742,000.00	70%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
32	60	12083	Hudson	TX0068985	7,088	The City's existing wastewater 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 is currently operating at over 80% of design capacity. The facility has historically met permit requirements but has problems with solids removal & handling inflow/infiltration within the collection system. The City is proposing to expand the existing wastewater treatment plant to 0.98 MGD by constructing two new parallel treatment trains. The City plans to rehabilitate/replace areas of deteriorated collection system components to address inflow/infiltration within the system.	IIIA,I,II,IIIB	C	\$4,202,450.00	30%			
33	55	12076	Acton MUD	TX0105163	8,655	The District needs to address failing on-site sewage facilities (OSSF) in neighborhoods identified as "hot spots" on Lake Granbury where high coliform readings are regularly recorded. The proposed project will allow old septic systems to be abandoned and allow residents to utilize the sewer collection system. The District is proposing to expand their sewer collection system to include several neighborhoods near Lake Granbury which are currently served by old, dilapidated, leaking septic tanks. A combination of grinder pumps, small diameter low pressure sewer, conventional gravity sewers, and lift stations will be utilized to serve the areas.	IVA	PDC	\$11,400,000.00		Yes-BC	\$11,400,000.00	12074 and 12075
34	51	12049	Valley Mills	TX0075647	1,449	The needs to upgrade/rehabilitate many of the existing process components at the City's WWTP. Existing lift stations within the collection and treatment system have reached the end of their useful life and require replacement. The City's wastewater treatment system is not capable of meeting current TCEQ design requirements. The City proposes to make improvements at the City's WWTP, including an upgrade to preliminary treatment units, aeration, secondary treatment units, solids handling, and disinfection. The project will replace the existing inefficient lift stations pumps with new submersible pumps, electrical, and control systems.	II,IIIB	PDC	\$2,866,000.00		Yes-BC	\$2,866,000.00	

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POTW													
35	51	12037	Roma	TX0117544, TX0119708	18,903	The City needs to rehabilitate/upgrade their existing wastewater treatment facility and collection system components to maintain compliance with current regulations. The City's WWTP was constructed in the early 2000s and is need of specific repairs at the WWTP facility, as well as repairs to one of its major lift stations in the City's collection system. Needed rehabilitation at the City's WWTP include the existing grit removal system, the return activated sludge (RAS) and waste activated sludge (WAS) system, the existing clarifiers, the existing UV disinfection system, the existing solids dewatering system, and the WWTP's onsite support systems. The proposed project will also include the development of an asset management plan for the City's wastewater system.	IIIB,IIIA,II	PDC	\$2,234,000.00	50%	Yes-BC	\$2,234,000.00	
36	51	12085	Marshall	TX0021784	32,433	The City needs to rehabilitate their East End Lift Station and nearby sanitary sewerlines to address inflow/infiltration and reliability. An emergency power source is needed to address power outages and reliability. The City of Marshall's East End project will completely rehabilitate the lift station and forcemain (approx 560lf) , install a new generator, and replace the large failing gravity sewer mains near the lift station (approximately 6900lf with 25 manholes) to address inflow/infiltration and reliability.	IIIB,IIIA	PDC	\$2,640,278.00	30%	Yes-BC	\$325,000.00	
37	50	12101	Gustine	TX0117722	496	The City needs to upgrade/rehabilitation existing lift stations and component within their collection system that are deteriorated. The proposed project consists of full rehabilitation of four lift stations i.e. new wet well basins, pumps, controls/electricals, fencing, etc. The City requests planning, design, and construction.	IIIB,IIIA	PDC	\$270,000.00	30%	Yes-BC	\$270,000.00	

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POTW													
38	50	12090	Woodloch	TX0075680	836	The Town's existing sanitary sewer lines, manholes and waste water treatment plant have deteriorated and need to be replaced. The collection system lines and manholes need to be replaced to reduce infiltration and lower the unnecessary demand on the WWTP. The Town's approximate 30-year old metal package type WWTP has deteriorated beyond feasible maintenance and reliability and needs to be replaced. The system is currently experience higher than average breakdowns and overflows. The Town proposes to replace its failing WWTP by constructing a new similar size plant adjacent to the existing plant and to replace approximately 15 manholes and over 5,000 feet of collection system to address inflow/infiltration. All proposed improvements will be designed to meet current TCEQ 217 design criteria.	II,IIIB,I	PDC	\$2,730,000.00	70%			
39	50	12111	Comanche	TX0022730	4,320	The City needs to replace/rehabilitate existing sanitary sewer collection lines throughout the City to address infiltration/inflow (I/I). I/I has caused inefficiencies at the wastewater treatment plant resulting in violations including: failure to meet the limit for one or more parameter, exceeding the permit limit by more than 40%, and failure to maintain permit limits. The proposed project consists of replacing existing sewer lines throughout the City's collection system which are known to cause significant inflow and infiltration (I/I). The requests planning, design and construction phase financing.	IIIA,IIIB	PDC	\$372,000.00	30%	Yes-BC	\$372,000.00	
40	48	12098	San Marcos	TX0047945	58,892	The City needs to expand their Water Reuse System Project to provide additional service within the City and to Texas State University. The City is seeking construction phase funding for the city's Water Reuse System Expansion Project, which will reduce withdrawals from the Edwards Aquifer and from the San Marcos River by replacing potable water used for chill plant makeup water at Texas State University, as well as for irrigation uses by both the city and university. Funding is requested for construction of approximately 8,900 LF of 16-in. reclaimed water transmission mains that will serve needs of Texas State University and the city; and adding a fourth 125 hp pump to meet the higher reuse water demands.	X	C	\$4,572,260.00	30%	Yes-BC	\$5,641,685.00	

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POTW													
41	46	12093	Electra		2,764	The City has 20 households they serve with water, but which do not have sanitary sewer service. The homes currently use septic tanks and drain fields which have periodically failed. The City currently discharges their effluent and have TCEQ violations exceeding their permitted parameters. The City needs to convert to a no-discharge plant with effluent disposal via irrigation to address permit violations. The City is proposing to install one new lift station, pressure, and gravity sewer lines in order to serve the existing 20 households. Also, the City is proposing to install approximately 4.5 miles of sewer line in order to eliminate 10 existing lift stations. The City is also proposing to irrigate with their WWTP effluent by installing a center pivot irrigation system, an irrigation holding pond, and an irrigation pipeline in order to convey their existing WWTP to a no-discharge plant. The City seeks planning, acquisition, design, and construction funding for the project.	I,IVA,IIIB	PADC	\$5,800,000.00	50%	Yes-BC	\$3,122,500.00	
42	46	12110	Brady	TX0034312	5,541	The City of Brady needs to replace their over 40-year old existing wastewater treatment plant to maintain reliable sewage treatment for the city's residents. Many of the plants components have reached the end of their useful life. The City proposes to fully replace the WWTP with one of two types of plants: an extended aeration wastewater treatment facility or a sequencing batch reactor (SBR) facility. Additionally, there is pressing need for improvements to several trunk lines that feed the WWTP and these have been included in the scope of this project.	I,II,IIIB	C	\$17,435,200.00	30%	Yes-BC	\$1,000,000.00	

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POTW													
43	45	12094	Haskell	TX0026891	3,300	The City of Haskell (City) currently treats its wastewater in an older extended aeration wastewater treatment plant (WWTP) that has trouble meeting effluent discharge limits. The City also has several areas of collection system piping that has reached the end of its life and needs to be replaced to address inflow/infiltration and deterioration. The City is proposing to replace the old WWTP with a new lagoon and pond system followed by irrigation for a no discharge system. Additionally, the City is seeking to replace approximately 4 blocks of dilapidated section of wastewater line along Avenue H from North 8th street to North 4th street. The City is seeking planning, acquisition, design, and construction funding.	IIIB,I,IIIA	PADC	\$6,300,000.00				
44	45	12047	Stephenville	TX0024228	19,374	The City of Stephenville needs to expand their sanitary sewer collection system to increase capacity to accommodate recent growth in the area and deteriorating collection system components. The proposed Eastside Sewer Collector will provide a larger capacity sanitary sewer main and laterals to areas in the City of Stephenville. The Phase I project will eliminate a critical capacity burden on the existing sanitary sewer collection system and reduce inflow/infiltration. Two fifteen-inch lateral mains will be tied onto the Eastside Sewer trunk main, relieving a section of old, undersized, clay collection system piping and addressing I/I. The Phase I project will also provide sanitary sewer collection to a new area of recently constructed student and multi-family housing constructed to accommodate Tarleton State students.	IVA,IVB,IIA,X	C	\$10,200,000.00		Yes-BC	\$1,000,000.00	
45	44	12081	Forsan		232	The City needs to extend their sanitary sewer collection system to connect approximately 99 existing OSSF substandard systems to their wastewater treatment system. The proposed project includes the installation of a new wastewater collection system which will replace the existing OSSF facilities currently in use throughout the City. The proposed collection system will flow to a new WWTP currently under construction which will be owned and operated by Forsan ISD. The project will also include the development of an asset management plan for the City.	IVA	PDC	\$2,412,000.00		Yes-BC	\$2,412,000.00	

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POTW													
46	41	12092	Agua SUD		1,217	The District needs to extend first time sanitary sewer collection to approximately 13 additional subdivisions within the District's Sullivan City area. The proposed project will provide first time sewer service to approximately 323 connections in areas near Sullivan City. The proposed project will consist of approximately 42,000 feet of collections lines; 2,000 feet of force main; and at least one lift station to provide the first time sewage collection and treatment.	IVA	PADC	\$7,000,000.00	50%			
47	41	11905	Alto	TX0025020	1,323	The City needs to rehabilitate/replace components of their existing wastewater treatment facility and collection system to enable the City to meet their discharge permit parameters. The City proposes to rehabilitate their primary Aeration Basin, rehabilitate the influent Lift Station by enlarging wet well and installing new influent lift station pumps (3 each), modify yard piping to allow influent wastewater to discharge into multiple segments of the rehabilitated primary aeration basin, install a new secondary clarifier, and rehabilitate/replace sections of the collection system.	IIIB,I	PD	\$185,000.00	70%			
48	41	12129	Vernon	TX0023001	11,041	The City's existing wastewater treatment plant (WWTP) is aged and almost every plant unit is in need of rehabilitation or replacement. The City received a Notice of Violation showing that their plant has had instances in the past few years of failing to meet permit limits. The City's proposed project includes improvements to the City's WWTP including rehabilitation of both the primary and secondary clarifier, add a second primary clarifier, replace headworks units including, grit removal and bar screen, rehabilitate the main lift station, rehabilitate the existing sand filters, replace the belt press and rehabilitate and add control and automation processes throughout the plant. The City is also proposing to install 8 miles of treated effluent line from the WWTP for beneficial reuse.	II	PADC	\$11,500,000.00	50%			

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POTW													
49	41	12116	Harris Co WCID # 36	TX0025062	11,167	The District needs to construct a new wastewater treatment plant to become completely self-sufficient in its collection and treatment of wastewater flows. The District's sewage is currently treated by Harris County Fresh Water Supply District No. 51, which is in a high growth area of Harris County and nearing capacity. The District proposes to plan, design, and construction a new 2.0 MGD wastewater treatment plant with related lift stations, pumps, and piping to allow the District to treat their own sewage.	I,II	PDC	\$11,105,000.00	50%	Yes-BC	\$500,000.00	
50	41	12091	Marshall	TX0021784	32,433	The City needs to rehabilitate components of their existing wastewater treatment plant. The City's proposes to upgrade the one of the City's two Bio towers, including fixing structural issues in need of repair, and installing new mechanical equipment and media. One of the towers has recently been upgraded.	II	PDC	\$1,170,000.00	30%			
51	40	12126	Kennard	TX0056596	339	The City's wastewater treatment plant is a pond treatment plant system. The lagoons have lost capacity due to sludge build-up. In 2011, the City's WWTP was cited for compliance violations by TCEQ. The City's proposed project will rehabilitate existing wastewater treatment plant, including removal of sludge from existing ponds to restore original treatment capacity.	I	PDC	\$675,000.00	30%			
52	40	12128	Pineland	TX0027154	850	The City needs to rehabilitate/upgrade and expand the current 23-year old wastewater treatment plant which is nearing the end of its useful life. The City also needs to expand treatment capacity due to recent growth and industrial flows. The City is proposing to replace/upgrade their existing treatment plant and add additional treatment capacity. The City also treats industrial wastewater from a nearby industrial facility and improvements are required to continue treatment of municipal and industrial wastewater.	I,II	PDC	\$1,750,000.00	50%			

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POTW													
53	40	12036	Rogers	TX0027103	974	The City is currently under an agreed order to comply with permit and TCEQ rule requirements. The City needs to address inflow/infiltration within the collection system and rehab/upgrade component of the Wastewater treatment plant to maintain compliance with TCEQ rules. The City proposes to replace defective wastewater lines, rehabilitate manholes and make improvements to lift stations to improve system reliability and reduce inflow and infiltration. The City also proposes improvements at their wastewater plant ponds and Imhoff tank. All units need to be cleaned of sludge and potential structural issues with ponds investigated and corrected as needed. Plant piping and valves will be replaced as needed to allow efficient operation.	IIIB,II,IIIA	PDC	\$4,747,000.00				
54	40	11924	Holland	TX0046612	1,121	The City is currently under an Agreed Order with TCEQ for permit effluent violations for BOD, TSS, E. Coli Flow, and pH. The City's wastewater treatment plant ponds must have accumulated sludge removed to aid in plant compliance with BOD, pH, TSS and E, coli. Sludge will be removed from the ponds, de-watered and hauled to a licensed disposal facility. The pond slopes must be repaired and stabilized to correct current eroded conditions and prevent future erosion. Mechanical aerators are to be installed in the facultative lagoon to aid in treatment of BOD pH and E. coli.	II	PDC	\$663,000.00	30%			
55	40	11910	Combes		2,553	The City needs to rehabilitate/replace several of their existing lift stations that have reached the end of their useful life. The City proposes to rehabilitate of 8 lift stations including new pumps, rails, lifting systems, electrical, controls, wiring and related appurtenances	IIIB	DC	\$750,000.00	50%			
56	40	11926	Hutto	TX0025577	22,791	The City needs to install an interceptor to transport the solids not processed at the Cottonwood Creek WWTP to the Hutto South WWTP for more efficient processing. The City is proposing to install a 42" wastewater interceptor from the Cottonwood Creek WWTP to Glenwood lift station to allow transportation of solids.	IVB,IIIB	PADC	\$3,085,147.00				

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POTW													
57	40	11927	Hutto		22,791	The City needs to install a pipeline to transport solids not processed at the central WWTP to the South WWTP. Solids are currently trucked off for disposal. The City proposes to install a 36" wastewater interceptor along Cottonwood Creek creating a connection to the central WWTP to the South WWTP.	IVB,IVA	PADC	\$3,402,141.00				
58	40	11928	Hutto		22,791	The City needs to replace a manhole to address releases of sewer gas, inflow/infiltration, and failing pavement. The City proposes to replace the manhole located north of 401 Front Street to address inflow/infiltration and safety issues.	IIIB	ADC	\$59,778.80				
59	40	11929	Hutto		22,791	The City needs to install a wastewater line to abandon the failing lift station located in Lakeside Estates and transfer the sewage to the Hutto South WWTP. The City proposes to install a 12" waste water line extension in Lakeside Estates to bypass and existing lift station and connect to an existing 12" line north of Lakeside Estates. The City proposes to up-size the 12" existing line to a 15" to handle the additional flow and transfer the flows to the Hutto South WWTP.	IVA,IIIB	PDC	\$619,805.00				
60	40	11933	Kingsville	TX0117978	26,348	The City needs to expand their south 1.0 MGD Wastewater Treatment Plant to be in compliance with TCEQ Chapter 217 rules since they have exceeded 75% of the existing plants capacity. The City proposes to expand the South 1.0 MGD Wastewater Treatment Plant (WWTP) to 1.75 MGD in order to be in compliance with TCEQ Chapter 217 rules and regulations. The existing WWTP's flow is over 75% of the permitted flow and to maintain compliance with TCEQ Chapter 217, the City is required to start looking at the expansion of the South WWTP.	I,II	PDC	\$16,150,000.00	30%			
61	40	12097	San Juan	TX0057592	35,598	The City is experiencing collection system overloading. The City plans to complete the construction phase of the rehabilitation/replacement/enlargement of 6 lift stations and construction of associated force mains to alleviate overloading on their collection system. This project application will fund construction only.	IIIB	C	\$8,555,000.00				

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POTW													
62	40	11845	Dallas	TX0047848	1,306,497	The City needs to replace/rehabilitate wastewater system components city wide that have reached the end of their useful life and to address infiltration/inflow and overflows within the system. Dallas Water Utilities' proposes to continue the rehabilitation/replacement of existing wastewater mains citywide. The replacement of older mains has many benefits including the reduction of inflow and infiltration, as well as reduced sanitary sewer overflows resulting from collapsed or broken pipes.	IIIA,IIIB	DC	\$110,000,000.00				
63	40	12041	San Antonio Water System	TX0077801	1,552,024	The San Antonio Water System needs to address deteriorated sewer mains that have experienced numerous sanitary sewer overflows and must be replaced. The proposed project is part of the EPA Consent Decree, and must be completed by July 2023. SAWS is requesting funds to continue addressing their deteriorated sanitary sewer collection system by replacing approximately six miles of large diameter piping and two siphons. The City anticipates constructing the proposed improvements in two phases.	IIIA,IIIB,IVB	C	\$21,822,500.00				
64	39	12086	San Angelo		93,200	The City is pursuing the implementation of a potable reuse project to support current and future water supply needs. The City is proposing to construct an advanced water (wastewater) treatment facility to treat the effluent to a higher level for use as a water supply. The City is proposing to convey up to 12 MGD of effluent from the City's WWTP to an advanced water treatment facility, which will include treatment with low pressure membrane filters, reverse osmosis and advanced disinfection. The discharge from the advanced-treated water will then be delivered to the City's surface WTP where it will undergo complete conventional treatment prior to being delivered to customers. The City is also proposing improvements at the City's water and wastewater treatment plants, evaporation ponds for disposal of concentrate from the reverse osmosis treatment system, conveyance infrastructure to transport the water between the treatment facilities, and a pipeline to convey the concentrate from the reverse osmosis treatment system to the evaporation ponds.	II	PDC	\$150,000,000.00		Yes-BC	\$150,000,000.00	

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POTW													
65	36	11919	Evant	TX0055522	465	The existing WWTP is approximately 30 years old, and its mechanical equipment has reached the end of its useful life. The deteriorated condition of the equipment combined with high wet weather flows has led to permit excursions in recent years, most recently during the rain events in spring 2015. The City needs to upgrade/rehabilitate their WWTP to be able to meet permit parameters and rehabilitate/replace portion of their deteriorated collection system to address inflow/infiltration (I/I). The proposed project includes rehabilitation and upgrades to the City's aging WWTP to enable it to consistently meet its permit limits, as well as collection system improvements to reduce inflow and infiltration (I&I). The proposed project will also include the development of an asset management plan for the City's wastewater system.	IIIA,I,IIIB	PDC	\$1,619,500.00	70%	Yes-BC	\$623,100.00	
66	35	12035	River Oaks		7,437	The City entered into an Agreement "Sanitary Sewer Overflow Outreach Initiative" requiring the City to rehabilitate the sewer system collection mains in order to prevent overflows detrimental to public health and the environment. The City plans to replace/rehabilitate their deteriorated sanitary sewer collection system to address inflow/infiltration. The City is seeking funding to continue the replacement program.	IIIA,IIIB	C	\$6,520,176.00		Yes-BC	\$6,520,176.00	
67	34	12074	Acton MUD		8,655	The District is growing and is proposing new connections within the WWTP #1 service area. These new connections will require additional treatment capacity. The District's proposed project is an expansion of the existing wastewater plant to accommodate the additional flows. The proposed project will also include the development of an asset management plan.	I,II,IVA	PDC	\$3,247,000.00		Yes-BC	\$3,247,000.00	12075 and 12076

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POTW													
68	31	12114	Royalwood MUD	TX0062952	1,982	The District needs to upgrade/rehabilitate their 40-year old wastewater treatment plant to continue to provide effective treatment. The proposed project will rehabilitate/upgrade plant controls, electrical, aeration system, repairs and repainting of piping and headworks. The District also proposes to make repairs to the control building, upgrade security by installing new fencing and access road. The District will remove and dispose of sludge drying beds, associated piping, and sand/silt units.	II	PDC	\$804,830.00				
69	31	12119	Sonora	TX0023191	2,908	The City needs to continue addressing wastewater system deficiencies to meet a Texas Commission on Environmental Quality enforcement order. The City of Sonora is proposing to complete the 3rd phase of wastewater collection system improvements to address a TCEQ enforcement action dated 10/15/2009. The system improvements include pipeline rehabilitation by cure-in place and/or pipe bursting and manhole renewal using repair of bench, cones and lids and the addition of epoxy liners. New manholes will be added on the end of lines to allow the City maintenance access for reducing overflows. The City will also replace the "Exxon Lift Station".	IIIA,IIIB	PADC	\$5,250,000.00				
70	30	11932	Jarrell		984	The current influent average daily flows have reached 75% capacity for 3 consecutive months. Therefore, TCEQ requires the City to be in design of plant improvements to facilitate future growth. It is anticipated that the plant will reach 90% capacity within the year. Therefore, per TCEQ requirements, the plant expansion must be under construction by that time. The plant expansion will consist of a new influent bar screen, influent lift station upgrades, new aeration basin, new clarifier, new disinfection basin, new digester basin, new filter basin, new sludge press with building, new MCC building with office, new electrical transformer, new generator, new access drive and new security fencing. The improvements will also include new SCADA controls to provide 24 hour monitoring of plant operations.	II,I	PDC	\$11,625,500.00				

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POTW													
71	30	11911	Corrigan	TX0133787	1,629	The City needs to rehabilitate/replace their existing deteriorated oxidation ditch and treatment units at their wastewater treatment facility. The facility is nearing capacity and the City will plan and design for an expansion. The City is proposing to construct a new Oxidation Ditch, Clarifier, and Chlorine Contact Basin; rehabilitate/replace the piping, controls, and electrical at the facility. The existing Oxidation Ditch will be converted to a flow equalization basin, convert the existing Chlorine Contact Basin to Post Aeration basin.	I,II	PADC	\$3,342,800.00	50%			
72	30	12127	Los Fresnos	TX0091243	5,391	The City needs to rehabilitate their existing wastewater treatment plant to maintain compliance with their permit parameters. The City proposes to complete planning, design, and construction of improvements to their wastewater treatment plant headworks, including new bar screen and grit removal system.	II	PDC	\$1,296,000.00	30%			
73	30	12130	Yoakum	TX0026034	6,102	The City needs to replace/upgrade existing deteriorated sanitary sewer collection system components to address inflow/infiltration. The City proposes to continue replacement of their deteriorated sanitary sewer collection system. The proposed project includes portions of system originally planned for rehab and rehabilitation that were dropped from a previous project.	IIIA,IIIB	C	\$665,000.00				
74	30	12131	Yoakum	TX0026034	6,102	The City needs to replace/rehabilitate an existing gravity sanitary sewer line to address capacity and Inflow/infiltration. The City proposes to replace a gravity line that receives the flow from the force main out of a lift station. The replacement will correct a capacity problem that results in back flow during times of wet weather and heavy flows.	IIIA,IIIB	DC	\$435,000.00				

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POTW													
75	30	12082	Gladewater	TX0022438	6,461	The City has exceeded permitted levels in their WWTP discharge permit. The City needs to repair and/or replacement failing treatment units and sludge management units at the City's existing Wastewater Treatment Plant (WWTP). The upgrades will replace components that have reached the end of their useful life and return the WWTP to working order to allow compliance with regulatory criteria. The City proposes to install new pumps, new aeration equipment, new clarifier equipment, a new sludge thickening system, a belt filter press system, abandon existing drying beds, install a new chlorination system, new piping, valves, electrical, and Supervisory Control and Data Acquisition (SCADA) system to return the plant to regulatory compliance.	II	PDC	\$2,527,000.00				
76	29	12078	Coahoma		1,300	The City needs to replace deteriorated collection lines to address inflow/infiltration and breakage. The City's wastewater treatment plant efficiency and effectiveness is also hindered by the quantity of sludge in each of the treatment basins. The proposed project includes replacement of approximately 4,500 linear feet of the City's main collection line that transports the raw sewage to the City's wastewater treatment plant (WWTP). This collection line was originally constructed with the WWTP and is in constant need of repair. The operational efficiency of the WWTP is hindered by the quantity of sludge in each of the treatment basins. This project will include the removal and disposal of the sludge in each of these lagoons. The project will also include the improvements to the head works and influent pump station at the WWTP. Effluent from the WWTP is currently land applied. The project will also include the installation of additional irrigation equipment to allow the City to utilize more land for the application of effluent. The project will also include the development of an asset management plan to identify future critical improvements.	IIIB,I	PDC	\$2,861,000.00		Yes-BC	\$2,861,000.00	

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POTW													
77	26	12050	West Cedar Creek MUD	TX0023396	1,199	The District transports and treats the wastewater generated by the City of Kemp and needs to replace the City's approximately 50-year old collection system components to address high amounts of Inflow and Infiltration (I/I). The District is requesting the funding for construction only for approximately 7,100 linear feet of 6-inch to 10-inch wastewater pipelines within the limits of the City.	IIIB,IIIA	C	\$1,564,920.00	30%	Yes-BC	\$1,564,920.00	
78	26	11934	Lubbock		15,591	The City needs to develop and implement a plan to help reduce the risk of flooding for a large portion of the City, including a major medical district providing critical care facilities and over 1200 structures. The City proposes to develop and implement the Northwest Lubbock Drainage Improvements Project. The proposed project will connect 6 playa lakes and includes 11.2 square miles of drainage area. The intent is to install a storm sewer network to drain the playa lakes down to a pre-rain condition and restore capacity within the playas.	VIA	C	\$35,000,000.00				
79	25	12120	Strawn		653	The City needs to replace their deteriorated collection system to address excessive inflow/infiltration. The City's proposed project consists of replacing old, deteriorated sewer collection lines City wide to reduce inflow and infiltration.	IIIA	PDC	\$405,000.00	30%	Yes-BC	\$405,000.00	
80	25	11915	Eagle Lake	TX0072885	3,727	The City needs to rehabilitate/upgrade their existing wastewater treatment plant and existing sanitary sewer collection system. The City proposes to rehabilitate/upgrade their existing 0.75 MGD wastewater plant including repairs to existing mechanical screen, replace existing influent lift station pumps, replace existing RAS/WAS pumps, replace existing final clarifier equipment, replace existing diffused air system in aerobic digesters and chlorine contact chamber, install new emergency generator, SCADA, and other related items to the wastewater treatment plant. The project will also include replacing existing clay and concrete sanitary sewer gravity collection lines as well as rehabilitation or replacement of existing lift stations in the system.	IIIB,I	ADC	\$4,286,725.00				

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POTW													
81	25	12075	Acton MUD		8,655	The District's Pecan Plantation WWTP needs to expand to effectively and efficiently provide treatment for area residents. The plant has reported multiple historical TPDES permit violations as well as a recent TPDES permit violation in 2015. The District also needs to provide service to approximately 740 current on-site sewage facilities to allow them to be removed from use. The AMUD proposes to expand the Pecan Plantation WWTP to accommodate the flows produced by recent new connections and the addition of approximately 740 connections due to removal of OSSF in the area. The proposed WWTP expansion will entail adding additional influent pump station capacity, an additional aeration basin and clarifier, sludge handling capacity, as well as the associated yard piping, electrical, controls, etc.	I,II,IVA	PDC	\$2,333,000.00		Yes-BC	\$2,333,000.00	12074 and 12076
82	22	12080	Eden	TX0079804	2,766	The City needs to up-grade the screens preceding two influent lift stations and connect un-served areas of the City to the wastewater collection system. The City's wastewater treatment capabilities are sufficient to meet current needs, but the City needs to rehabilitate/upgrade several components of their wastewater treatment system to provide more efficient and effective treatment. The City also needs to provide first-time collection and treatment to approximately 40 connections on the eastern side of town. The collection system improvements will include new lift stations, force mains, approximately 3,200 feet of gravity sewer, abandoning approximately 40 on-site sewage systems, and service connections. The City needs to provide screening at their wastewater treatment plant and rehabilitate/replace lift stations at the plant.	II,IVA,IIIB	PDC	\$2,191,000.00				
83	21	12105	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 proposes to expand an existing lift station to resolve on going problems related to reliability and maintenance and rehabilitate portions of the collection system that are experiencing failures due to old and degrading pipes and manholes.	IIIB,IIIA	PDC	\$17,939,940.00	30%			

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POTW													
84	20	12045	Snook	TX0056189	474	The City needs to rehabilitate and expand their current wastewater treatment plant. The City proposes to address capacity and treatment issues by improving treatment processes and expanding their wastewater treatment plant.	I	PDC	\$2,303,800.00				
85	20	12132	Willow Park	TX0099732	3,885	The City of Willow Park needs to address inflow and infiltration (I/I) within their system. The City proposes to replace old and deteriorated sewer collection lines and manholes within the service area to reduce inflow and infiltration.	IIIA	PDC	\$596,000.00		Yes-BC	\$596,000.00	
86	20	12030	Paris	TX0027910	25,023	The City needs to replace approximately 45 individual grinder pumps that are all approaching 20-years old and are becoming unreliable for continued use for sewage disposal. The City proposes to replace individual homeowner grinder pumps in the city and provide traditional gravity sewer collection system to more centralized lift stations. The use of centralized lift stations, in lieu of individual grinder pumps, will provide more efficient collection and disposal of the sewage.	IVB,IVA	PADC	\$2,365,000.00	30%	Yes-BC	\$2,365,000.00	
87	16	12113	Rosebud	TX0023981	1,412	The City needs to address inflow/infiltration within their current wastewater system. The collection system contains deteriorated clay piping and brick manholes have cracks in them which introduces inflow and infiltration into the collection system. The City performed a wastewater system evaluation. The study identified several deficiencies in the city's collection system. The City intends to replace deficient collection system components in an effort to reduce inflow and infiltration issues within the system.	IIIA,IIIB	PDC	\$840,258.00	50%	Yes-BC	\$434,700.00	

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POTW													
88	16	11907	Alton		15,759	The City needs to construct a wastewater treatment facility for the City's use. Currently the City contracts with McAllen for treatment of their sewage. Construction of a wastewater treatment facility will allow the City to better serve their citizens and provide more control over the rates charged for treatment. The City proposes to construct a new Sequencing Batch Reactor (SBR) Wastewater Treatment Plant, including tertiary treatment to provide Type I water for reuse, Supervisory Control and Data Acquisition (SCADA), office, and laboratory spaces. The project will include re-alignment of the current main lift station forcemain to McAllen to the new plant.	I,II	PADC	\$12,056,030.00	50%	Yes-BC	\$1,557,500.00	
89	15	11909	Buckholts	TX0073008	515	The existing wastewater treatment plant is approximately 30 years old and is reaching the end of the plants life expectancy. Continual repairs have deemed the plant too expensive to maintain and operate. The existing wastewater infrastructure consists of old clay pipe and brick manholes that are deteriorating and allowing storm water infiltration and inflow. The City's 0.10 MGD wastewater treatment plant will be replaced with a new, energy efficient, 0.070 MGD plant. The plant access road will be improved to allow access during the 20 year frequency storm event, and the plant will be constructed so that it is not affected by the 100 year frequency storm event. A backup generator will also be provided to ensure continuous operation during power outages. The wastewater collection system will be improved to reduce infiltration and inflow into the system, thus reducing the treatment capacity required. Manholes and wastewater lines will be rehabilitated or replaced as needed. The lift station alarm and notification system will be updated to provide operators with more control and operational data to improve efficiency. Drainage improvements will be provided to reduce the effects of flooding to wastewater system components.	I,IIIB,IIIA	PADC	\$2,586,000.00	70%			

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POTW													
90	14	11904	Albany		2,278	The City needs to replace/rehabilitate multiple components of its wastewater collection and treatment system to address sanitary sewer overflows and non-compliance issues with their discharge permit. The City needs to replace or rehab multiple components of its collection system and wastewater treatment plant. The City's collection system needs approximately 6,000-LF of gravity sewer line replaced/rehabilitated. Six of the City's wastewater lifts stations need to be rehabilitated/replaced. Several components of the wastewater treatment plant need to be replaced, including screening, grit removal, aeration equipment, clarifiers, chlorination building and equipment. The City proposes to install a system wide Supervisory Control and Data Acquisition System (SCADA) and an in plant reuse system.	II,IIIB,IIIA	PDC	\$4,971,000.00		Yes-BC	\$4,971,000.00	
91	11	12089	Winters		2,532	Much of the collection system is 1930-s era clay piping with brick manholes that has deteriorated to the point of collapse, creating issues with blockage and debris in the main lift station. The City needs to replace their collection system and upgrade/rehabilitate the main lift station pumping to the wastewater treatment facility. The City proposes to replace deteriorated collection system components to address inflow/infiltration and upgrade the main lift station feeding the wastewater treatment plant. The main lift station will be upgraded and will include screens to catch the debris.	IIIA,IIIB	PDC	\$2,323,000.00	30%	Yes-BC	\$2,323,000.00	
92	11	12087	Stamford	TX0025411	3,033	The City needs to replace their deteriorated collection system and lift stations to address inflow/infiltration. The City proposes to replace an existing lift station and aging sewer lines in the collection system. The City proposes to replace asbestos cement and older PVC pipe sewer lines throughout the collection system to address inflow and infiltration into the collection system. The existing lift station will be replaced with a new lift station, including pumps, electrical, controls, etc. for a fully operational lift station.	IIIA,IIIB	PDC	\$3,144,000.00	30%			

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POTW													
93	10	12112	Harris Co FWSD # 47	TX0022462	2,434	The District's wastewater treatment plant is over 40-years old and many components have reached the end of their useful life and need to be rehabilitate/replaced to maintain efficient and effective operations. The District proposes to rehabilitate/replace components of the WWTP including: lift stations; controls; electrical; pumps; rehabilitation of the wet well; installation of pretreatment system to minimize FOG (fats, oils and grease);rehabilitation of the sand filter (the unit is currently disconnected and not in use); and rehabilitation of the outfall box.	II	PDC	\$986,500.00		Yes-BC	\$146,000.00	
94	10	12115	Falfurrias		4,419	The City needs to replace/rehabilitate portions of both their collection system and wastewater treatment plant to address components that have reached the end of their useful life. The City of Falfurrias (CF) is proposing to develop plans to rehabilitate 8 lift stations in the collection system; evaluate and plan for wastewater treatment plant improvements; evaluate and plan for the replacement of the main plant force main; complete a sanitary sewer evaluation study;and if funds are available, replace approximately 10,800 feet of 12-inch force main and 9,250 feet of gravity collection system with manholes. As part of the sanitary sewer evaluation, areas of the community where there is old concrete pipe or vitrified clay pipe that has been in place over 50-years will be cleaned and televised.	IIIB,I	PDC	\$418,500.00	50%	Yes-BC	\$285,000.00	
95	10	12029	Mathis	TX0020419	5,001	The City needs to rehabilitate/replace components of their existing collection and treatment system to address items that have reached the end of their useful life. The City proposes to rehabilitate portions of their collection system, including manholes and service connections to address deteriorated piping and inflow/infiltration. The City also proposes to rehabilitate/replace components of their wastewater treatment plant and lift stations to meet current TCEQ 217 rules and regulations.	II,IIIA,IIIB	PDC	\$3,205,500.00	30%			

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POTW													
96	6	11922	Harris Co MUD # 167		15,000	The District needs to address water efficiency throughout their area. The District proposes the installation of "smart" water meters to meet the district's goal of water efficiency goals. This would include the preparation of an asset management plan.		C	\$2,000,000.00		Yes-BC	\$2,000,000.00	
97	5	12106	Graford	TX0104752	730	The City need to address multiple violations as a result of the inflow and infiltration caused by defective manholes and collection system. Violations include multiple failures to meet the limit for one or more permit parameters as well as failure to maintain compliance with the permitted effluent limits at their wastewater treatment plant. The proposed project consists of making improvements to the collection system including replacing approximately 20 manholes throughout the City which are known to cause inflow and infiltration. Reduction in inflow/infiltration will reduce flow to the wastewater treatment plant resulting in more effective treatment within the plant. The proposed project phases would include planning, design and construction.	IIIB,IIIA	PDC	\$215,000.00		Yes-BC	\$215,000.00	
98	1	12121	Whitney	TX0106551	2,087	The City wishes to make improvements to their wastewater system and realize that the prudent way to determine project priorities, a wastewater master plan needs to be developed. The plan will assist the City in developing a wastewater CIP to implement future projects to remedy I&I issues in their collection system and at the WWTP. The master plan will also enable the plant to be operated more efficiently. The City is submitting this funding request for a wastewater system master plan which is intended to provide the City with an assessment of their current wastewater system, provide GIS documentation on all system components/infrastructure, and provide a recommendation on a systematic approach to infrastructure improvements. The City will also develop their asset management plan with the assistance of TCEQ's FMT contractor.		P	\$120,000.00				

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POTW													
99	1	11917	Ennis	TX0047261	18,674	The City needs to replace failing sewer lines that are a source of Infiltration & Inflow (I/I). The I/I impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to rehabilitate/replace sewer lines that are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances.	IIIA,IIIB	PDC	\$3,878,430.00				
100	1	11918	Ennis	TX0047261	18,674	The City needs to rehabilitate/replace failing sewer lines that are a source of I&I that impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to replace/rehabilitate sewer lines are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances.	IIIA,IIIB	PDC	\$9,467,315.00				
101	0	12117	Liberty	TX0074284	8,397	The City needs to address inflow/infiltration in response to a September 2008 Agreement with TCEQ. The City proposes rehabilitation of manholes & collection lines to reduce infiltration/inflow as outlined in the City's July 2011, response to a September 2008 Agreement with TCEQ. Also included in project is rehabilitation of lift stations and implementation of effluent reuse. Funds are being requested for construction.	IIIA,IIIB	DC	\$5,849,000.00				

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POTW														
102	0	12104	Eagle Pass	TX0107492	52,624	The City needs to address capacity issues within their existing wastewater treatment plant and eliminate a lift station to improve operations and reduce potential overflows. The City proposes to rehabilitate their existing wastewater treatment plant, add grit removal capabilities to improve operational efficiency, and eliminate the Thompson Lift Station by installing a gravity line to reduce overflow possibilities. Eagle Pass also plans to develop a hydraulic model of the sewer system to add in effective management.	II,I,IIIB	PD	\$891,250.00					
103	0	12118	San Antonio Water System	TX0077801	1,552,024	SAWS needs to replace/upgrade various electrical components at the Dos Rio Water Recycling Center to maintain reliable treatment. Much of the equipment to be replaced is no longer supported by the manufacturer. The proposed project will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet Federal, State and Local electrical codes and in many cases is no longer supported by the manufacturer.	II	C	\$14,633,300.00					
POTW Total		103								\$837,843,758.32	49	43	\$271,674,710.00	
Nonpoint Source														
1	105	12039	San Marcos		69,873	The City of San Marcos needs to plan, design, and construct stormwater improvements in the area surrounding the confluence of the Blanco and San Marcos Rivers to address repeated flooding. The City of San Marcos is proposing a planning study to identify a feasible solution for flood reduction, as well as implementation of the recommended solution. It is anticipated that a buyout and repurpose alternative will be the most feasible solution for implementation. Therefore, the acquisition and implementation phases of the project are based on the buyout and repurpose alternative.	VII,	PADC	\$61,545,000.00	50%	Yes-BC	\$3,940,000.00		

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Nonpoint Source													
2	80	12040	San Antonio River Authority		1,786,593	The River Authority is developing a Cibolo Creek Holistic Watershed Master Plan (total/integrated water resources management planning) for our entire Cibolo basin that will focus on Flood issues (H&H), Stream Restoration, Water quality modeling, Water quality BMPs, GIS/Mapping/Remote Sensing, Low Impact Development, MS4 Permitting, Conservation Easements, Mitigation Banking, and Nature-based Park Planning. SARA intends for the master plan to be a living documents, so it will be updated yearly. The master plan will also identify projects that are ready to be implemented once funding is available each year. A Water Quality HSPF Model will also be developed on Cibolo Watershed. The model will provide feedback on impairments and provide locations where best management practices can be implemented in order to provide a reduction in the constituents causing the impairments. The River Authority received CWSRF money from the 2013 IUP to prepare watershed management plans and seeks funding to continue its work on the plans.	,,VIA	P	\$792,478.00		Yes-BC	\$792,478.00	
3	66	12031	Pharr		73,143	The City of Pharr needs to address stormwater drainage issues city wide. The City of Pharr is applying for Planning funds to conduct a city-wide master drainage plan that will characterize and model the existing storm drainage system to identify deficiencies and propose improvements to enhance system reliability, establish storm drainage system design and planning criteria, recommend improvements needed to service anticipated future growth, and develop a Capital Improvement Program with a focus on storm water management strategies that reduce the impacts of urban runoff through low impact development techniques such as vegetated swales, bio-retention areas, and the use of porous pavements. An asset management plan for their storm sewer system will also be produced as a result of this project.	,,VIA,	P	\$1,400,000.00	30%	Yes-BC	\$420,000.00	

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Nonpoint Source													
4	52	12096	San Juan	TX0057592	35,598	The City needs to provide first-time sanitary sewer collection and treatment to areas within the City that currently use on-site sewage facilities. The City is proposing to install first time sanitary sewer collection and treatment to approximately 105 homes within their service area. The project includes installation of collection piping, service yard lines to the house connection point, and decommissioning of the on-site sewage facilities. A current EDAP funded project is funding the planning, acquisition and design of this project.	IVA,VII	C	\$2,285,000.00				
5	45	12044	Smithville		3,890	The City needs to plan, design, and construct stormwater management strategies to address flooding within the City. The City proposes to construct a regional detention/retention pond and improvements and stormwater system improvements. The regional detention/retention pond will be a wet pond that will also reduce pollutants in the stormwater runoff and act as pre-treatment prior to discharging to Willow Creek. Reduction of flooding will also reduce stormwater infiltration into the wastewater sewer system which is an issue during severe rainfall events.	VIA,,,,VII	ADC	\$4,087,000.00	30%			
6	41	11906	Alton		14,735	The City needs to prepare a master drainage plan to address drainage issues within the city. The City is requesting planning funds to prepare a master drainage study of the city that will help identify areas with high risk of flooding. Proposed storm system improvements will be identified and a Capital Improvement Program will be developed. Recommended improvements will include servicing of anticipated future growth. This project will also allow for the City of Alton to develop an asset management plan for their stormwater system.		P	\$500,000.00	30%	Yes-BC	\$150,000.00	

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Nonpoint Source														
7	27	12052	Wharton		8,768	The City needs to address flooding in areas of the City. The City proposes to partner with the Corp of Engineers to address flooding within the City. The Corp of Engineers has developed plans and specs for construction of a Colorado River Levee System for the City. The City will be responsible for about 35% of the cost and is requesting funding for their portion of the project.	VIA,,,	PADC	\$4,965,607.00	30%				
8	25	12043	Smithville		3,890	The City needs to address flooding. Historically, during heavy rainfall events, residents along 7th Street (between Marburger Street and Faulkner Road) have experienced flooding within their homes, yards, and over the existing city street. The objective of this project is to provide a cost effective solution for flood relief to property owners. The City proposes to address flooding by constructing a detention pond adjacent to 7th Street. An approximate 40 acre-foot detention pond would be required to store storm runoff and provide some flood protection to the area.	,VIA,,VII,	ADC	\$1,066,000.00	30%				
Nonpoint		8							\$76,641,085.00	6	4	\$5,302,478.00		
Total		111							\$914,484,843.32	55	47	\$276,977,188.00		

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

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

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Appendix K. Initial Invited Projects List**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
1	129	12077	Cisco	TX0053716	3,899	Components of the City's wastewater treatment plant and collection system that have reached the end of their useful lives. In addition, one of the City's lift stations has become a detriment to the public health, safety and welfare for which the Texas Commission on Environmental Quality (TCEQ) issued a violation during a Comprehensive Performance Investigation. The City is proposing to replace lift stations that have reached the end of their useful life. The City also proposes to add several new treatment units at the wastewater treatment plant to provide more effective and efficient treatment of the sewage. Improvements at the wastewater treatment plant will be designed to meet the City's TPDES permit.	II,IIIB	C	\$4,958,000.00	30%	Yes-BC	\$4,958,000.00	
2	110	11908	Arlington		371,880	The City of Arlington needs to replace wastewater collection system piping to address inflow/infiltration city wide. The City's project includes prioritized wastewater pipeline replacement that consisting of 29 gravity segments owned by the City. The total length of pipeline replacement segments is approximately 19,075 linear feet with pipe sizes ranging from 4 to 24 inches. The segments were noted to have high amounts of Inflow and Infiltration (I/I) and the majority of the lines have been in service for at least 30 years. The proposed replacement segments are part of an on-going SSO agreement.	IIIA,IIIB	C	\$5,512,408.00		Yes-BC	\$5,512,408.00	
3	100	12124	Huntington	TX0053422	2,118	The City needs to rehabilitate the existing wastewater treatment plant to bring the facility back into compliance with TCEQ regulations. The City proposes to renovate and expand the City's WWTP. Proposed improvements will bring the WWTP back into compliance with TCEQ regulations and eliminate an additional treatment facility by combining flow from Lufkin Industries.	I,IVB	PDC	\$2,264,050.00	50%			
4	100	11914	Donna	TX0132082	17,630	The City needs to expand their wastewater treatment plant to address issues with capacity and non-compliance. The City proposes to expand its existing Wastewater Treatment Plant from 1.8 MGD to 2.4 MGD as the plant is at approximately 95% of capacity.	I,II	PDC	\$6,000,000.00	30%			11913

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
5	95	11921	Grand Prairie		185,450	The City needs to replace/rehabilitate areas of the City's collection system to address deteriorated piping that is contributing to excessive inflow/infiltration (I/I). The City intends to replace approximately 23,477 linear feet of existing 8-inch to 12-inch wastewater mains with 12-inch to 18-inch pipe in various locations within the City. The project names for the segments to be replaced are NW 23rd. Street to Roman Road, North Carrier and Hill, High School Drive, NE 5th Street and Tarrant Road, NE 19th Street, Gifford Street, Hensley Drive, Idlewild Road, Lakeview Drive, and Springdale Lane and Beltline Road.	IIIA,IIIB	C	\$5,644,252.00		Yes-BC	\$5,644,252.00	
6	95	11920	Fort Worth	TX0047295	792,720	The City needs to rehabilitate/replace existing wastewater piping to address deteriorated pipe conditions and inflow/infiltration into the system. The City intends to rehabilitate and replace approximately 7,309 linear feet of 30-inch to 54-inch wastewater mains with 36-inch to 60-inch pipe at three locations within the City. The three project locations are portions of the Village Creek Parallel Interceptor System, along the northwest side of Lake Arlington.	IIIA,IIIB	C	\$6,307,715.00		Yes-BC	\$6,307,715.00	
7	91	12088	Vinton	TX0087149	2,519	Village of Vinton's residents currently operate aged on-site sewage facilities, which often overflow and fail, and would benefit from a centralized collection system. Construction of the Village's first phase of the centralized wastewater collection system. The Village plans to construct a 1.5 mgd lift station, 8,500 linear feet of gravity line and 5,800 linear feet of force main to allow connection to the El Paso Northwest Wastewater Treatment Plant. The Village plans to utilize Village owned roadways for installation of the new system and plans on including 16,000 square yards of pavement replacement in the project.	IVA,IIIB	C	\$22,802,260.00	70%			

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
8	90	12034	Richland Hills		7,933	The City needs to replace portions of their sanitary sewer collection system to address deteriorated piping and inflow/infiltration. The City intends to replace approximately 7,345 linear feet of 6-inch and 8-inch wastewater mains with 6-inch and 8-inch pipe in various locations within the City. The locations include Glenview, Alley north of Hardisty Street, Ruth Road, Alley west of Grenada Drive, Rosebud Drive, Vivian Lane, Alley north of Deborah Lane, and Oxley Drive. These pipelines have been identified through the city's prioritized condition assessment as the source of infiltration and inflow. The City is seeking construction funding only.	IIIA,IIIB	C	\$1,406,034.00		Yes-BC	\$1,406,034.00	
9	85	12103	Dublin	TX0054348	4,207	The City needs to make improvements to their wastewater treatment facility to address a TCEQ enforcement order. The current state of the wastewater treatment plant contributes to a number of violations including failure to prevent unauthorized discharge of wastewater, failure to properly dispose of sludge, and failure to meet one or more permit parameter. The City's proposed project consists of planning, design, and construction phases for the implementation of wastewater treatment plant improvements. The improvements are necessitated by the age of the plant which contributes to inefficiencies in the treatment process.	I	PDC	\$1,040,000.00				
10	80	12033	Rhome	TX0118621	1,598	The City needs to upgrade/replace components of their west wastewater treatment plant that have reached the end of their useful life and treatment capacity. The City also needs to address deteriorating collection system components including lift stations to address sanitary sewer overflows. The City is under TCEQ enforcement for capacity and treatment violations. The City proposes to upgrade/replace components of their west wastewater treatment plant, including treatment units, electrical, piping, controls, etc. The City plans to replace/rehabilitate portions of their collection system, including lift stations, to address overflow and capacity issues.	I,II	PDC	\$1,425,000.00				

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POTW													
11	80	12095	Ranger	TX0118702	2,921	The City needs to update their existing wastewater treatment facility to address issues with permit effluent limits and monitoring of effluent at its existing mechanical wastewater treatment plant. The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, a stabilization pond, and an irrigation holding pond. A holding tank and pump station at the existing WWTP and a 12" forcemain will deliver the wastewater to the new WWTP. The new WWTP will use the effluent for beneficial use with a no discharge permit. It is proposed to construct one or more center pivot irrigation systems to irrigate with the effluent. The City is seeking construction funding.	I	C	\$3,805,000.00	70%	Yes-BC	\$3,805,000.00	
12	76	12102	Dublin		4,207	The City needs to replace the deteriorated clay tile sanitary sewer collection system citywide to address infiltration/inflow and a Texas Commission on Environmental Quality (TCEQ) enforcement order. The City is proposing to replace existing, deteriorated clay tile sewer lines to mitigate inflow & infiltration and to extend first time sanitary sewer service into new areas.	IIIB,IIIA	PDC	\$3,500,000.00				12103
13	76	11923	Harris Co MUD # 208		20,765	The District needs to upgrade/rehabilitate their wastewater treatment plant to implement reuse for irrigation within the area. The Copperfield WWTP is a regional plant that serves Harris County MUD Nos. 162, 163, 179, 186,188 and 208. The plant is managed collectively by the six districts through the Copperfield Joint Operations Board (CJOB). All six MUDs will benefit from the implementation of the project. The Project consist of tertiary treatment and storage at the WWTP site and a distribution system to supply Type 1 treated effluent for irrigation and non-potable industrial purposes. Project planning is complete with funding being sought for design and construction phases. As part of this project, the asset management plan will be updated to reflect the new infrastructure. Water conservation and drought contingency plans will also be updated.	II,X	DC	\$10,120,000.00		Yes-BC	\$10,120,000.00	

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POTW													
14	76	11925	Houston		2,201,027	The City needs to rehabilitate/replace existing wastewater collection systems citywide that contribute to significant inflow and infiltration. The City's proposed project is the rehabilitation/replacement of the existing wastewater collection systems citywide by slip-lining and pipe-bursting methods, cured-in-place method, or sanitary sewer cleaning and televised inspection in support of rehabilitation. The project will reduce sanitary sewer overflows in the collection system and optimize performance. This project also includes the purchase of six vacuum trucks in support of rehabilitation. The project is construction ready.	IIIB,IIIA	C	\$61,710,000.00				
17	73	11916	El Paso PSB	TX0087149	823,862	El Paso needs to extend first time sanitary sewer service to areas of the community that do not have centralized collection system. The City proposes to construct the infrastructure to provide first time sanitary sewer to the Four Streets section of the colonia of Canutillo, Texas. Canutillo was platted in 1910. This community now has approximately 6100 residents in two areas, Canutillo Township, and Canutillo Industrial Park (which was platted in 1975). These areas have been tested there is an indication that seepage from on-site septic tanks or cesspools is taking place. EPWU received PAD funding from TWDB for this project from the EDAP fund. The City is requesting funding to commence and complete project construction of 41 sewer connections.	IVB,IVA	C	\$912,246.00	30%			
23	70	11912	Denton	TX0047180	125,000	The City needs to replace deteriorated wastewater collection lines to address infiltration/inflow into the system. The City of Denton intends to replace approximately 24,916 linear feet of 8-inch to 30-inch wastewater mains at various locations within the City to address I/I and deteriorating collection system components. Some of the locations include the Pecan Creek Interceptor IV, Westgate Drive, North Bell Avenue, Foxcroft Circle, Victoria Drive, Emerson Lane, Thomas Street, Paisley Street, North Texas Boulevard, Rose Street, South Wood Street, East Sycamore Street, Hill Alley, Dallas Drive, Kerley Street, Kendolph Drive, and Lindsey Street.	IIIB	C	\$4,265,620.00		Yes-BC	\$4,265,620.00	

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POTW													
32	60	12083	Hudson	TX0068985	7,088	The City's existing wastewater 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 is currently operating at over 80% of design capacity. The facility has historically met permit requirements but has problems with solids removal & handling inflow/infiltration within the collection system. The City is proposing to expand the existing wastewater treatment plant to 0.98 MGD by constructing two new parallel treatment trains. The City plans to rehabilitate/replace areas of deteriorated collection system components to address inflow/infiltration within the system.	IIIA,I,II,III B	C	\$4,202,450.00	30%			
40	48	12098	San Marcos	TX0047945	58,892	The City needs to expand their Water Reuse System Project to provide additional service within the City and to Texas State University. The City is seeking construction phase funding for the city's Water Reuse System Expansion Project, which will reduce withdrawals from the Edwards Aquifer and from the San Marcos River by replacing potable water used for chill plant makeup water at Texas State University, as well as for irrigation uses by both the city and university. Funding is requested for construction of approximately 8,900 LF of 16-in. reclaimed water transmission mains that will serve needs of Texas State University and the city; and adding a fourth 125 hp pump to meet the higher reuse water demands.	X	C	\$4,572,260.00	30%	Yes-BC	\$5,641,685.00	
42	46	12110	Brady	TX0034312	5,541	The City of Brady needs to replace their over 40-year old existing wastewater treatment plant to maintain reliable sewage treatment for the city's residents. Many of the plants components have reached the end of their useful life. The City proposes to fully replace the WWTP with one of two types of plants: an extended aeration wastewater treatment facility or a sequencing batch reactor (SBR) facility. Additionally, there is pressing need for improvements to several trunk lines that feed the WWTP and these have been included in the scope of this project.	I,II,IIIB	C	\$17,435,200.00	30%	Yes-BC	\$1,000,000.00	

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POTW													
44	45	12047	Stephenville	TX0024228	19,374	The City of Stephenville needs to expand their sanitary sewer collection system to increase capacity to accommodate recent growth in the area and deteriorating collection system components. The proposed Eastside Sewer Collector will provide a larger capacity sanitary sewer main and laterals to areas in the City of Stephenville. The Phase I project will eliminate a critical capacity burden on the existing sanitary sewer collection system and reduce inflow/infiltration. Two fifteen-inch lateral mains will be tied onto the Eastside Sewer trunk main, relieving a section of old, undersized, clay collection system piping and addressing I/I. The Phase I project will also provide sanitary sewer collection to a new area of recently constructed student and multi-family housing constructed to accommodate Tarleton State students.	IVA,IVB,IIA,X	C	\$10,200,000.00		Yes-BC	\$1,000,000.00	
61	40	12097	San Juan	TX0057592	35,598	The City is experiencing collection system overloading. The City plans to complete the construction phase of the rehabilitation/replacement/enlargement of 6 lift stations and construction of associated force mains to alleviate overloading on their collection system. This project application will fund construction only.	IIIB	C	\$8,555,000.00				
63	40	12041	San Antonio Water System	TX0077801	1,552,024	The San Antonio Water System needs to address deteriorated sewer mains that have experienced numerous sanitary sewer overflows and must be replaced. The proposed project is part of the EPA Consent Decree, and must be completed by July 2023. SAWS is requesting funds to continue addressing their deteriorated sanitary sewer collection system by replacing approximately six miles of large diameter piping and two siphons. The City anticipates constructing the proposed improvements in two phases.	IIIA,IIIB,IVB	C	\$21,822,500.00				

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POTW													
66	35	12035	River Oaks		7,437	The City entered into an Agreement "Sanitary Sewer Overflow Outreach Initiate" requiring the City to rehabilitate the sewer system collection mains in order to prevent overflows detrimental to public health and the environment. The City plans to replace/rehabilitate their deteriorated sanitary sewer collection system to address inflow/infiltration. The City is seeking funding to continue the replacement program.	IIIA,IIIB	C	\$6,520,176.00		Yes-BC	\$6,520,176.00	
73	30	12130	Yoakum	TX0026034	6,102	The City needs to replace/upgrade existing deteriorated sanitary sewer collection system components to address inflow/infiltration. The City proposes to continue replacement of their deteriorated sanitary sewer collection system. The proposed project includes portions of system originally planned for rehab and rehabilitation that were dropped from a previous project.	IIIA,IIIB	C	\$665,000.00				
77	26	12050	West Cedar Creek MUD	TX0023396	1,199	The District transports and treats the wastewater generated by the City of Kemp and needs to replace the City's approximately 50-year old collection system components to address high amounts of Inflow and Infiltration (I/I). The District is requesting the funding for construction only for approximately 7,100 linear feet of 6-inch to 10-inch wastewater pipelines within the limits of the City.	IIIB,IIIA	C	\$1,564,920.00	30%	Yes-BC	\$1,564,920.00	
78	26	11934	Lubbock		15,591	The City needs to develop and implement a plan to help reduce the risk of flooding for a large portion of the City, including a major medical district providing critical care facilities and over 1200 structures. The City proposes to develop and implement the Northwest Lubbock Drainage Improvements Project. The proposed project will connect 6 playa lakes and includes 11.2 square miles of drainage area. The intent is to install a storm sewer network to drain the playa lakes down to a pre-rain condition and restore capacity within the playas.	VIA	C	\$35,000,000.00				
96	6	11922	Harris Co MUD # 167		15,000	The District needs to address water efficiency throughout their area. The District proposes the installation of "smart" water meters to meet the district's goal of water efficiency goals. This would include the preparation of an asset management plan.		C	\$2,000,000.00		Yes-BC	\$2,000,000.00	

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POTW														
103	0	12118	San Antonio Water System	TX0077801	1,552,024	SAWS needs to replace/upgrade various electrical components at the Dos Rio Water Recycling Center to maintain reliable treatment. Much of the equipment to be replaced is no longer supported by the manufacturer. The proposed project will replace various plant electrical switchgear, motor control centers, transformers and generators that are aging, in poor condition, and/or do not meet Federal, State and Local electrical codes and in many cases is no longer supported by the manufacturer.	II	C	\$14,633,300.00					
POTW Total		28								\$268,843,391.00	10	14	\$59,745,810.00	
Nonpoint Source														
1	105	12039	San Marcos		69,873	The City of San Marcos needs to plan, design, and construct stormwater improvements in the area surrounding the confluence of the Blanco and San Marcos Rivers to address repeated flooding. The City of San Marcos is proposing a planning study to identify a feasible solution for flood reduction, as well as implementation of the recommended solution. It is anticipated that a buyout and repurpose alternative will be the most feasible solution for implementation. Therefore, the acquisition and implementation phases of the project are based on the buyout and repurpose alternative.	VII,	PADC	\$61,545,000.00	50%	Yes-BC	\$3,940,000.00		

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Nonpoint Source													
2	80	12040	San Antonio River Authority		1,786,593	The River Authority is developing a Cibolo Creek Holistic Watershed Master Plan (total/integrated water resources management planning) for our entire Cibolo basin that will focus on Flood issues (H&H), Stream Restoration, Water quality modeling, Water quality BMPs, GIS/Mapping/Remote Sensing, Low Impact Development, MS4 Permitting, Conservation Easements, Mitigation Banking, and Nature-based Park Planning. SARA intends for the master plan to be a living documents, so it will be updated yearly. The master plan will also identify projects that are ready to be implemented once funding is available each year. A Water Quality HSPF Model will also be developed on Cibolo Watershed. The model will provide feedback on impairments and provide locations where best management practices can be implemented in order to provide a reduction in the constituents causing the impairments. The River Authority received CWSRF money from the 2013 IUP to prepare watershed management plans and seeks funding to continue its work on the plans.	,,VIA	P	\$792,478.00		Yes-BC	\$792,478.00	
3	66	12031	Pharr		73,143	The City of Pharr needs to address stormwater drainage issues city wide. The City of Pharr is applying for Planning funds to conduct a city-wide master drainage plan that will characterize and model the existing storm drainage system to identify deficiencies and propose improvements to enhance system reliability, establish storm drainage system design and planning criteria, recommend improvements needed to service anticipated future growth, and develop a Capital Improvement Program with a focus on storm water management strategies that reduce the impacts of urban runoff through low impact development techniques such as vegetated swales, bio-retention areas, and the use of porous pavements. An asset management plan for their storm sewer system will also be produced as a result of this project.	,,VIA,	P	\$1,400,000.00	30%	Yes-BC	\$420,000.00	

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Nonpoint Source														
4	52	12096	San Juan	TX0057592	35,598	The City needs to provide first-time sanitary sewer collection and treatment to areas within the City that currently use on-site sewage facilities. The City is proposing to install first time sanitary sewer collection and treatment to approximately 105 homes within their service area. The project includes installation of collection piping, service yard lines to the house connection point, and decommissioning of the on-site sewage facilities. A current EDAP funded project is funding the planning, acquisition and design of this project.	IVA,VII	C	\$2,285,000.00					
6	41	11906	Alton		14,735	The City needs to prepare a master drainage plan to address drainage issues within the city. The City is requesting planning funds to prepare a master drainage study of the city that will help identify areas with high risk of flooding. Proposed storm system improvements will be identified and a Capital Improvement Program will be developed. Recommended improvements will include servicing of anticipated future growth. This project will also allow for the City of Alton to develop an asset management plan for their stormwater system.		P	\$500,000.00	30%	Yes-BC	\$150,000.00		
Nonpoint		5								\$66,522,478.00	3	4	\$5,302,478.00	
Total		33								\$335,365,869.00	13	18	\$65,048,288.00	

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

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
1	129	12077	Cisco	TX0053716	3,899	Components of the City's wastewater treatment plant and collection system that have reached the end of their useful lives. In addition, one of the City's lift stations has become a detriment to the public health, safety and welfare for which the Texas Commission on Environmental Quality (TCEQ) issued a violation during a Comprehensive Performance Investigation. The City is proposing to replace lift stations that have reached the end of their useful life. The City also proposes to add several new treatment units at the wastewater treatment plant to provide more effective and efficient treatment of the sewage. Improvements at the wastewater treatment plant will be designed to meet the City's TPDES permit.	II,IIIB	C	\$4,958,000.00	30%	Yes-BC	\$4,958,000.00	
2	110	11908	Arlington		371,880	The City of Arlington needs to replace wastewater collection system piping to address inflow/infiltration city wide. The City's project includes prioritized wastewater pipeline replacement that consisting of 29 gravity segments owned by the City. The total length of pipeline replacement segments is approximately 19,075 linear feet with pipe sizes ranging from 4 to 24 inches. The segments were noted to have high amounts of Inflow and Infiltration (I/I) and the majority of the lines have been in service for at least 30 years. The proposed replacement segments are part of an on-going SSO agreement.	IIIA,IIIB	C	\$5,512,408.00		Yes-BC	\$5,512,408.00	
5	95	11921	Grand Prairie		185,450	The City needs to replace/rehabilitate areas of the City's collection system to address deteriorated piping that is contributing to excessive inflow/infiltration (I/I). The City intends to replace approximately 23,477 linear feet of existing 8-inch to 12-inch wastewater mains with 12-inch to 18-inch pipe in various locations within the City. The project names for the segments to be replaced are NW 23rd. Street to Roman Road, North Carrier and Hill, High School Drive, NE 5th Street and Tarrant Road, NE 19th Street, Gifford Street, Hensley Drive, Idlewild Road, Lakeview Drive, and Springdale Lane and Bellline Road.	IIIA,IIIB	C	\$5,644,252.00		Yes-BC	\$5,644,252.00	

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
6	95	11920	Fort Worth	TX0047295	792,720	The City needs to rehabilitate/replace existing wastewater piping to address deteriorated pipe conditions and inflow/infiltration into the system. The City intends to rehabilitate and replace approximately 7,309 linear feet of 30-inch to 54-inch wastewater mains with 36-inch to 60-inch pipe at three locations within the City. The three project locations are portions of the Village Creek Parallel Interceptor System, along the northwest side of Lake Arlington.	IIIA,IIIB	C	\$6,307,715.00		Yes-BC	\$6,307,715.00	
8	90	12034	Richland Hills		7,933	The City needs to replace portions of their sanitary sewer collection system to address deteriorated piping and inflow/infiltration. The City intends to replace approximately 7,345 linear feet of 6-inch and 8-inch wastewater mains with 6-inch and 8-inch pipe in various locations within the City. The locations include Glenview, Alley north of Hardisty Street, Ruth Road, Alley west of Grenada Drive, Rosebud Drive, Vivian Lane, Alley north of Deborah Lane, and Oxley Drive. These pipelines have been identified through the city's prioritized condition assessment as the source of infiltration and inflow. The City is seeking construction funding only.	IIIA,IIIB	C	\$1,406,034.00		Yes-BC	\$1,406,034.00	
11	80	12095	Ranger	TX0118702	2,921	The City needs to update their existing wastewater treatment facility to address issues with permit effluent limits and monitoring of effluent at its existing mechanical wastewater treatment plant. The City is proposing to abandon the existing mechanical WWTP and construct a new WWTP with a facultative lagoon, a stabilization pond, and an irrigation holding pond. A holding tank and pump station at the existing WWTP and a 12" forcemain will deliver the wastewater to the new WWTP. The new WWTP will use the effluent for beneficial use with a no discharge permit. It is proposed to construct one or more center pivot irrigation systems to irrigate with the effluent. The City is seeking construction funding.	I	C	\$3,805,000.00	70%	Yes-BC	\$3,805,000.00	

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
13	76	11923	Harris Co MUD # 208		20,765	The District needs to upgrade/rehabilitate their wastewater treatment plant to implement reuse for irrigation within the area. The Copperfield WWTP is a regional plant that serves Harris County MUD Nos. 162, 163, 179, 186,188 and 208. The plant is managed collectively by the six districts through the Copperfield Joint Operations Board (CJOB). All six MUDs will benefit from the implementation of the project. The Project consist of tertiary treatment and storage at the WWTP site and a distribution system to supply Type 1 treated effluent for irrigation and non-potable industrial purposes. Project planning is complete with funding being sought for design and construction phases. As part of this project, the asset management plan will be updated to reflect the new infrastructure. Water conservation and drought contingency plans will also be updated.	II,X	DC	\$10,120,000.00		Yes-BC	\$10,120,000.00	
23	70	11912	Denton	TX0047180	125,000	The City needs to replace deteriorated wastewater collection lines to address infiltration/inflow into the system. The City of Denton intends to replace approximately 24,916 linear feet of 8-inch to 30-inch wastewater mains at various locations within the City to address I/I and deteriorating collection system components. Some of the locations include the Pecan Creek Interceptor IV, Westgate Drive, North Bell Avenue, Foxcroft Circle, Victoria Drive, Emerson Lane, Thomas Street, Paisley Street, North Texas Boulevard, Rose Street, South Wood Street, East Sycamore Street, Hill Alley, Dallas Drive, Kerley Street, Kendolph Drive, and Lindsey Street.	IIIB	C	\$4,265,620.00		Yes-BC	\$4,265,620.00	

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POTW													
40	48	12098	San Marcos	TX0047945	58,892	The City needs to expand their Water Reuse System Project to provide additional service within the City and to Texas State University. The City is seeking construction phase funding for the city's Water Reuse System Expansion Project, which will reduce withdrawals from the Edwards Aquifer and from the San Marcos River by replacing potable water used for chill plant makeup water at Texas State University, as well as for irrigation uses by both the city and university. Funding is requested for construction of approximately 8,900 LF of 16-in. reclaimed water transmission mains that will serve needs of Texas State University and the city; and adding a fourth 125 hp pump to meet the higher reuse water demands.	X	C	\$4,572,260.00	30%	Yes-BC	\$5,641,685.00	
42	46	12110	Brady	TX0034312	5,541	The City of Brady needs to replace their over 40-year old existing wastewater treatment plant to maintain reliable sewage treatment for the city's residents. Many of the plants components have reached the end of their useful life. The City proposes to fully replace the WWTP with one of two types of plants: an extended aeration wastewater treatment facility or a sequencing batch reactor (SBR) facility. Additionally, there is pressing need for improvements to several trunk lines that feed the WWTP and these have been included in the scope of this project.	I,II,IIIB	C	\$17,435,200.00	30%	Yes-BC	\$1,000,000.00	
44	45	12047	Stephenville	TX0024228	19,374	The City of Stephenville needs to expand their sanitary sewer collection system to increase capacity to accommodate recent growth in the area and deteriorating collection system components. The proposed Eastside Sewer Collector will provide a larger capacity sanitary sewer main and laterals to areas in the City of Stephenville. The Phase I project will eliminate a critical capacity burden on the existing sanitary sewer collection system and reduce inflow/infiltration. Two fifteen-inch lateral mains will be tied onto the Eastside Sewer trunk main, relieving a section of old, undersized, clay collection system piping and addressing I/I. The Phase I project will also provide sanitary sewer collection to a new area of recently constructed student and multi-family housing constructed to accommodate Tarleton State students.	IVA,IVB,I IIA,X	C	\$10,200,000.00		Yes-BC	\$1,000,000.00	

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s	
POTW														
66	35	12035	River Oaks		7,437	The City entered into an Agreement "Sanitary Sewer Overflow Outreach Initiate" requiring the City to rehabilitate the sewer system collection mains in order to prevent overflows detrimental to public health and the environment. The City plans to replace/rehabilitate their deteriorated sanitary sewer collection system to address inflow/infiltration. The City is seeking funding to continue the replacement program.	IIIA,IIIB	C	\$6,520,176.00		Yes-BC	\$6,520,176.00		
77	26	12050	West Cedar Creek MUD	TX0023396	1,199	The District transports and treats the wastewater generated by the City of Kemp and needs to replace the City's approximately 50-year old collection system components to address high amounts of Inflow and Infiltration (I/I). The District is requesting the funding for construction only for approximately 7,100 linear feet of 6-inch to 10-inch wastewater pipelines within the limits of the City.	IIIB,IIIA	C	\$1,564,920.00	30%	Yes-BC	\$1,564,920.00		
96	6	11922	Harris Co MUD # 167		15,000	The District needs to address water efficiency throughout their area. The District proposes the installation of "smart" water meters to meet the district's goal of water efficiency goals. This would include the preparation of an asset management plan.		C	\$2,000,000.00		Yes-BC	\$2,000,000.00		
POTW Total		14								\$84,311,585.00	5	14	\$59,745,810.00	
Nonpoint Source														
1	105	12039	San Marcos		69,873	The City of San Marcos needs to plan, design, and construct stormwater improvements in the area surrounding the confluence of the Blanco and San Marcos Rivers to address repeated flooding. The City of San Marcos is proposing a planning study to identify a feasible solution for flood reduction, as well as implementation of the recommended solution. It is anticipated that a buyout and repurpose alternative will be the most feasible solution for implementation. Therefore, the acquisition and implementation phases of the project are based on the buyout and repurpose alternative.	VII,	PADC	\$61,545,000.00	50%	Yes-BC	\$3,940,000.00		

**Texas Water Development Board
SFY 2017 Clean Water State Revolving Fund
Intended Use Plan
Appendix L. Initial Invited Green Projects**

Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Nonpoint Source													
2	80	12040	San Antonio River Authority		1,786,593	The River Authority is developing a Cibolo Creek Holistic Watershed Master Plan (total/integrated water resources management planning) for our entire Cibolo basin that will focus on Flood issues (H&H), Stream Restoration, Water quality modeling, Water quality BMPs, GIS/Mapping/Remote Sensing, Low Impact Development, MS4 Permitting, Conservation Easements, Mitigation Banking, and Nature-based Park Planning. SARA intends for the master plan to be a living documents, so it will be updated yearly. The master plan will also identify projects that are ready to be implemented once funding is available each year. A Water Quality HSPF Model will also be developed on Cibolo Watershed. The model will provide feedback on impairments and provide locations where best management practices can be implemented in order to provide a reduction in the constituents causing the impairments. The River Authority received CWSRF money from the 2013 IUP to prepare watershed management plans and seeks funding to continue its work on the plans.	,,VIA	P	\$792,478.00		Yes-BC	\$792,478.00	
3	66	12031	Pharr		73,143	The City of Pharr needs to address stormwater drainage issues city wide. The City of Pharr is applying for Planning funds to conduct a city-wide master drainage plan that will characterize and model the existing storm drainage system to identify deficiencies and propose improvements to enhance system reliability, establish storm drainage system design and planning criteria, recommend improvements needed to service anticipated future growth, and develop a Capital Improvement Program with a focus on storm water management strategies that reduce the impacts of urban runoff through low impact development techniques such as vegetated swales, bio-retention areas, and the use of porous pavements. An asset management plan for their storm sewer system will also be produced as a result of this project.	,,VIA,	P	\$1,400,000.00	30%	Yes-BC	\$420,000.00	

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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s	
Nonpoint Source														
6	41	11906	Alton		14,735	The City needs to prepare a master drainage plan to address drainage issues within the city. The City is requesting planning funds to prepare a master drainage study of the city that will help identify areas with high risk of flooding. Proposed storm system improvements will be identified and a Capital Improvement Program will be developed. Recommended improvements will include servicing of anticipated future growth. This project will also allow for the City of Alton to develop an asset management plan for their stormwater system.		P	\$500,000.00	30%	Yes-BC	\$150,000.00		
Nonpoint		4							\$64,237,478.00	3	4	\$5,302,478.00		
Total		18							\$148,549,063.00	8	18	\$65,048,288.00		

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