

## AGENDA ITEM MEMO

**BOARD MEETING DATE:** November 9, 2023

**TO:** Board Members

**THROUGH:** Jeff Walker, Executive Administrator  
Ashley Harden, General Counsel  
Jessica Peña, Deputy Executive Administrator

**FROM:** Marvin Cole-Chaney, Director, Program Administration & Reporting

**SUBJECT:** Drinking Water State Revolving Fund Intended Use Plan – General Activities

### **ACTION REQUESTED**

Consider approving the State Fiscal Year (SFY) 2024 Drinking Water State Revolving Fund Intended Use Plan covering general activities.

### **BACKGROUND**

Annually, the Texas Water Development Board (TWDB) must prepare an Intended Use Plan (IUP) that describes how it plans to use the Drinking Water State Revolving Fund's (DWSRF) available capacity to support the overall goals of the program. The IUP must contain a number of elements required by the United States Environmental Protection Agency (EPA) covering the operation of the DWSRF and is a central component of the TWDB's application to the EPA for the capitalization grants.

This IUP covers the DWSRF capitalization grant funds provided from the Federal Fiscal Year (FFY) 2023 annual appropriations of \$39,369,000, FFY 2021 annual appropriations reallocated from another state of \$812,000 and the General Supplemental FFY 2023 appropriations from the Infrastructure Investment and Jobs Act of 2021 (IIJA) of \$167,867,000. The combined capitalization grants from both appropriations covered in this IUP is \$208,048,000. The additional FFY 2023 DWSRF allotments to Texas under the IIJA for addressing emerging contaminants and lead service line replacements will be covered in subsequent IUPs.

For State Fiscal Year (SFY) 2024, at least \$435 million is available under the DWSRF for all financing options including \$95 million in additional subsidization/principal forgiveness. Of the total amount available, at least \$325 million will be offered at subsidized interest rates or at zero percent for special funding categories. These savings directly lower the overall cost of providing safe, affordable water to every customer.

### **Significant program changes for SFY 2024**

Significant program changes from the previous year's IUP are listed below. These changes address the new DWSRF program requirements while striving to ensure the program continues to offer financial assistance to all categories of eligible systems within the constraints on the program. It is designed to allocate the required additional subsidization levels while freeing up loan funds for other projects. The adjustments are intended to allow the TWDB to continue to meet needs of its customers while addressing the new allocation and programmatic requirements.

Due to this being the second of five years of inclusion of the IJA funds in the program, the TWDB anticipates for the next state fiscal year undertaking a thorough review and evaluation of the changes made to accommodate the IJA.

1. The maximum loan/bond commitment amount a project may receive under the SFY 2024 IUP is \$49 million (15 percent of loan/bond capacity).
2. Used the definition of rural political subdivision in Senate Bill 469, 88th Regular Legislative Session (with one edit), to determine a "rural project" for consistency with other TWDB financing programs.
3. No longer offering Emergency Preparedness Plan funding as utility emergency preparedness plans were required to be submitted to TCEQ and implemented in 2022.
4. Reserves an additional \$1,000,000 of accumulated DWSRF fees for the Asset Management Program for Small Systems (AMPSS) initiative and an additional \$500,000 of accumulated DWSRF fees for the CFO to Go initiative.
5. Establishes a Water Use Survey Application Assessment initiative using accumulated fees. TWDB will assess improvements to the annual Water Use Survey application that will improve the quality of data collected. As an additional benefit, the data improvements will support the DWSRF's Technical Assistance in Water Loss Control initiative that uses data from the Water Use Survey.

### **Solicitation and Level of Interest**

The TWDB solicits entities to submit project information for inclusion in the IUP and the initial project priority list. The solicitation period ended on March 3, 2023, and the projects were subsequently reviewed and scored. The SFY 2024 DWSRF IUP includes 277 eligible projects totaling approximately \$3.25 billion.

**PUBLIC REVIEW, HEARING, AND COMMENTS**

A notice of the 14-day public comment period and the associated public hearing on the draft IUP was placed on the TWDB website and sent via email to entities that submitted projects for the SFY 2024 IUP. A copy of the IUP was sent to the EPA for review and comment. The public comment period was from September 19, 2023 to October 3, 2023. A public hearing was conducted in person on September 25, 2023 at 10:00 A.M. in Austin.

The public comments received during the public comment period and the TWDB's responses are shown in Attachment 1.

**KEY ISSUES**

The initial list of projects to be invited to apply for funding is the Initial Invited Projects List (IIPL). Formal invitation letters to those projects listed in the IIPL will be sent upon Board approval of the IUP.

**RECOMMENDATION**

The Executive Administrator recommends approval of the SFY 2024 DWSRF IUP with the ability to make non-substantive changes if necessary.

Attachments:

1. Response to public comments on the draft SFY 2024 DWSRF IUP
2. Recommended Final SFY 2024 DWSRF IUP – General Activities

## Texas Water Development Board

### Response to Comments on the Revised Draft State Fiscal Year (SFY) 2024 Drinking Water State Revolving Fund (DWSRF) Intended Use Plan (IUP)

The following provides a summary of the public comments received during the public comment period from September 19, 2023 to October 3, 2023, the Texas Water Development Board (TWDB) responses, and changes to the draft SFY 2024 DWSRF IUP.

#### General Comments

**Comment submitted by:** Danielle Goshen, Policy Specialist/Counsel, National Wildlife Federation; Annalisa Peace, Executive Director, Greater Edwards Aquifer Alliance; Marisa Bruno, Water Program Manager, Hill Country Alliance; Bob Stokes, President, Galveston Bay Foundation; Alex R. Ortiz, Water Resources Specialist, Sierra Club Lone Star Chapter; Ayanna Jolivet McCloud, Executive Director, Bayou City Waterkeeper; Becky Smith, Texas Director, Clean Water Action; Suzanne Scott, Texas State Director, The Nature Conservancy; Ben Hirsch, Co-Director, West Street Recovery; Harold Hunter, Environmental Services Area Director-West, Communities Unlimited; Stefania Tomaskovic, Ph.D., Coalition Director, Coalition for Environment, Equity & Resilience (CEER); Mary Anne Piacentini, President & CEO, Coastal Prairie Conservancy

**Comment Date:** October 3, 2023

#### **Comment:**

To Whom it May Concern at the Texas Water Development Board,

The Texas Water Development Board (TWDB) has undergone immense growth in policy and financial responsibilities over the last decade. This trend will continue with the \$2.9 Billion in new federal funds for the Clean Water and Drinking Water State Revolving Funds (CWSRF and DWSRF, or SRFs) slated to come to the TWDB via the Bipartisan Infrastructure Law (BIL, formally the Infrastructure Investment and Jobs Act) over the remaining years. We encourage the TWDB to make the following revisions in order to ensure that funds promote resilience and are distributed equitably.

#### *I. Refine the DWSRF Goals*

Many states simply highlight fulfillment of the administrative duties assigned to the SRF agency through stated goals. Goals under Texas' SRF program are divided into short term and long-term goals. In Texas, goals under both the CWSRF and DWSRF largely stick to fulfillment of administrative duties. While some states highlight goals related to equity, affordability, climate resilience, and workforce development, these goals are largely missing from the DWSRF IUP. NWF has conducted interviews with important stakeholders, who have indicated that improvements to the DWSRF goals can be made. The DWSRF goals could be improved by incorporating the following:

- Strengthen the language around **green infrastructure** from “encourage” to “prioritize”;
- Add a goal to prioritize funding to **disadvantaged** and **historically dis- and underinvested communities** – especially those communities that have not historically been able to access SRF funding;
- Add a goal to promote equitable and affordable **water pricing**;
- Add a goal related to prioritizing **sustainable** and **resilient projects**; and
- Add a goal to encourage and prioritize projects that invest in **workforce development**.

We strongly recommend incorporating these revisions to the DWSRF general program goals.

*II. Consider adding additional indicators under the DAC definition.*

In addition to considering increasing the AMHI threshold used to determine DAC status, the TWDB should consider providing new avenues for communities to qualify as a DAC. The EPA provides numerous indicators that can be included in the definition of disadvantaged communities that are not currently utilized by the TWDB. These include:

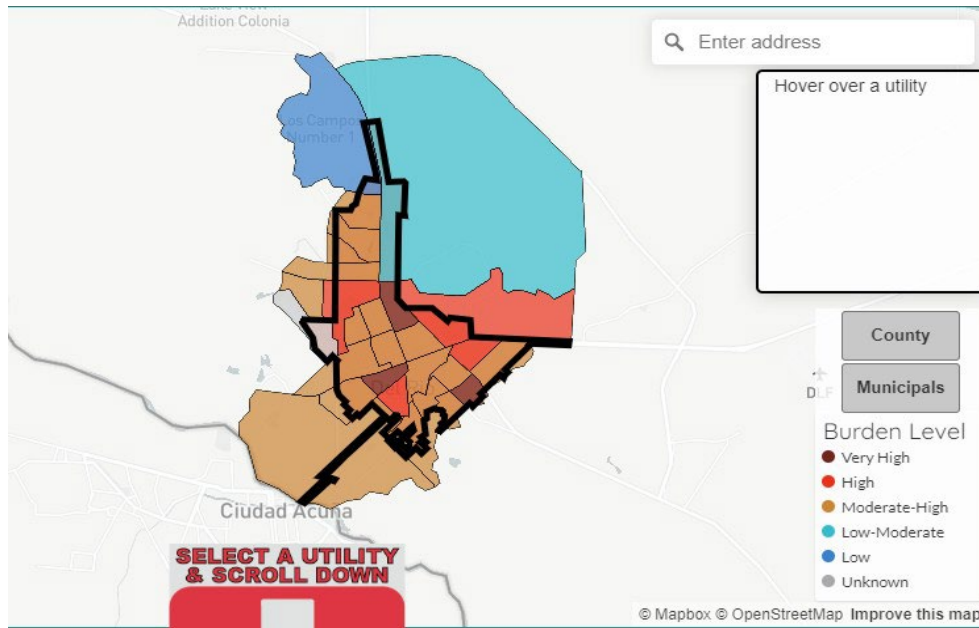
- poverty rate;
- water system debt;
- EPA’s Environmental Justice Screening and Mapping Tool; and
- human health factors.

These factors should be considered when weighing whether changes are needed to the definition to ensure grants and forgivable loans are going to communities most in need. The following sections will provide a few examples of additional ways the TWDB can identify DACs.

a. Make HCF an *additional* way communities can qualify as DAC.

Household cost factor (HCF) should be an additional way communities can qualify as a disadvantaged community, and not as a way to eliminate communities from DAC eligibility after calculating AMHI. We are concerned that the current use of household cost factor eliminates communities from DAC eligibility that are in need of significant water infrastructure investments.

For example, Del Rio was identified as a community that meets the AMHI requirement but was eliminated from DAC eligibility due to its HCF score. Del Rio has a low AMHI (\$49,243), significant retired population, and only 55% of the population within the Del Rio Utilities Commission jurisdiction is within working age – despite recent increases in overall population and decreases in unemployment. However, Del Rio’s HCF score eliminates it from DAC eligibility despite a significant portion of the population experiencing moderate to very high levels of water rate burden. See **Image 1**, below.



**Image 1: Del Rio Water Rate Burden<sup>1</sup>**

Because a significant portion of Del Rio experiences high water rate burden, we believe the HCF is not accurately assessing communities that are in need of additional subsidization through principal forgiveness. Therefore, we suggest including HCF as an additional avenue that communities can qualify as a DAC. Alternatively, in order to better identify overburdened communities eligible as a DAC, we suggest eliminating the HCF and including the affordability index calculation discussed below or using Duke University’s water burden dashboard to provide an additional route communities can qualify as a DAC.

b. Affordability Index or Water Rate Burden

Since we have identified affordability as a goal that should be prioritized in the administration of the DWSRF in Texas, we suggest including an affordability index to be included as an additional way communities can qualify as a DAC. While we believe the HCF is aimed at identifying overburdened communities, as discussed above, we believe the HCF does not adequately identify over burdened areas.

One way the TWDB could more accurately identify over burdened areas is to use an affordability index. For example, Washington uses a simple affordability index evaluated by using the average monthly drinking water rate including the loan against the Median Household Income.

$$\text{Affordability Index} = (\text{Average Annual Water Rates} \div \text{Median Household Income}) \times 100$$

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<sup>1</sup> <https://nicholasinstitute.duke.edu/water-affordability/water-affordability-dashboard/>

In Washington, if using this equation, the affordability index is greater than 2, the service area of the project qualifies as a DAC. This can be utilized in addition to the AMHI and Household Cost Factor that the TWDB uses as an additional way a community can qualify as a DAC.

Another way affordability could be determined for applicants is to utilize the water affordability dashboard developed by Duke University.<sup>2</sup> The TWDB could include communities that are shown to have a moderate to very high water rate burden using this tool as eligible for DAC status.

### c. Social Vulnerability Index

The TWDB should strongly consider incorporating the identification of DACs based on social vulnerability scores. As per the Centers for Disease Control and Prevention (CDC), social vulnerability pertains to the potential adverse impacts on communities resulting from external stresses on human health, encompassing natural or human-induced disasters, as well as disease outbreaks. A higher Social Vulnerability score results in a higher Risk Index score.

While acknowledging that the social vulnerability index is not a flawless metric, it can effectively serve as a proxy for recognizing historically marginalized and overburdened communities. Leveraging this index can therefore pave the way for the equitable allocation of resources and benefits to these underprivileged communities.

We recommend adding an opportunity for socially vulnerable communities to qualify as a DAC if the average SVI rank of the project service area is 7 or more. This will help promote a fairer and more inclusive distribution of resources, ultimately contributing to the overall well-being and resilience of communities accessing SRF funding.

### *III. Clarify how disadvantage community eligibility is calculated to ensure project service area is utilized to determine disadvantage community status*

We are unclear whether the service area of the entity or service area of the project is used when determining disadvantaged status. In the 2024 IUP, Appendix D, eligibility points to both the *service area of the eligible applicant* and *project service area*. For example, under the Criteria to Determine Disadvantaged Community Eligibility section, the IUP points to the service area of the eligible applicant unless the project will provide new service to existing residents in unserved areas. See **Image 2**, below.

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<sup>2</sup> Available at: <https://nicholasinstitute.duke.edu/water-affordability/water-affordability-dashboard/>.

## Appendix D. Criteria to Determine Disadvantaged Community Eligibility

Disadvantaged Community / Disadvantaged Community - Small/Rural - The determination will be based on information received by the initial PIF deadline or with a PIF subsequent submitted after the initial deadline. 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 percent 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 percent if only water or sewer service is provided or greater than or equal to 2 percent if both water and sewer service are provided.

**Image 2:** DAC DWSRF Eligibility

However, under the Affordability Calculation and Disadvantaged Community Eligibility section in Appendix D, the IUP points to the project service area, instead of the service area of the eligible applicant. See **Image 3**, below.

### 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 percent or less than the state's AMHI using an acceptable source of socioeconomic data for SFY 2024.

**Image 3:** DAC DWSRF Calculation

Because both geographic scopes are utilized in the IUP, it is unclear whether the board uses the service area of the eligible applicant or project service area to determine disadvantage community eligibility.

One common concern that has been raised regarding Texas' administration of the SRF program is that urban disadvantaged communities are often not captured by the definition of disadvantaged communities. This happens because the total service area of the applicant is used to determine DAC status. Often for urban disadvantaged communities, the service area of the applicant contains other communities or neighborhoods with higher AMHI than the disadvantaged sub-community receiving the project – resulting in the community not being eligible as a DAC.

The EPA states that while median household income is an indicator of the overall community and is “strongly correlated to the presence of low-income households,” it “does not capture whether a subset of the community’s population might struggle with rate increases associated with existing or new water infrastructure debt.” The EPA provides a few recommendations in order to refine the meaning of community to include subpopulations or segments of water system service areas.

One way to ensure that subsets of disadvantaged communities within communities can receive funding for projects is to change the geographic scope of the indicators used to define



DACs to look at *project service area* instead of *applicant service area*. Changing the geographic scope to consider project service area will allow projects in urban disadvantaged areas the opportunity to receive additional grant or forgivable loan opportunities. Therefore, we recommend changing the geographic scope of indicators used to identify disadvantaged communities from applicant service area to project service area in order for principal forgiveness to be eligible for disadvantaged communities within larger metropolitan water systems.

*IV. Increase percentage forgivable loans available for projects for the most disadvantaged communities.*

Under previous IUPs, the TWDB provided either 30%, 50%, or 70% grants or forgivable loans to eligible DACs. Under the current draft IUP, the TWDB has revised the amount of grants/principal forgiveness that disadvantaged communities are eligible for to a standardized 70%. The TWDB notes in the draft IUP that this will not only provide significant benefits to communities but will also help the TWDB reach the requirement under the IIJA to provide 49% principal forgiveness for disadvantaged communities.

However, we believe that a uniform 70% principal forgiveness for all disadvantaged communities may prove excessive for some communities, while insufficient for others. This concern is particularly salient given that the project rating does not consider varying levels of disadvantage. In simpler terms, for communities that are less disadvantaged, a 70% principal forgiveness may result in financial support above their actual needs – resulting in spending down principal forgiveness funds prematurely. Conversely, for more disadvantaged communities, a 70% principal forgiveness may fall short of what’s needed in order for the community to access SRF funding.

We firmly advocate for the implementation of a sliding scale approach, wherein higher levels of principal forgiveness are allocated to areas experiencing greater degrees of disadvantage, potentially reaching up to a 100% principal forgiveness rate. Without the possibility of accessing 100% grant or forgivable loans, the most under-resourced communities in Texas will continue to face barriers in investing in critical water infrastructure, perpetuating their vulnerability and hindering their development.

*V. Refine the rating criteria to better prioritize disadvantaged communities.*

In addition to “right-sizing” the DAC definition and providing a sliding scale for principal forgiveness, there are multiple ways the prioritization scheme can be improved to better prioritize DACs. The following sections will provide recommendations on how to improve the DWSRF rating criteria.

*a. Provide a sliding scale to provide more rating points for areas of greater disadvantage.*

In Texas, we’ve seen that under the DWSRF for years analyzed (2016, 2017, 2019 and 2020) the average AMHI of cities that received commitments is larger than the average AMHI of cities that did not receive financial commitments during the years analyzed. This shows that

higher resourced areas have a better chance of receiving financial assistance under the SRF programs – likely due to greater capacity and resources in those communities.

	<b>AVG</b>	<b>MEDIAN</b>
<b>AMHI of cities that submitted PIFs</b>	44,265	41,563
<b>AMHI of cities that submitted PIF never received FA</b>	43,099	41,283
<b>AMHI of cities that received commitments</b>	48,704	43,681

*Table 3: DWSRF AMHI Successful and Unsuccessful Cities*

However, we believe that the program should strive to prioritize the most disadvantaged communities that would likely be unable to access funding for drinking water infrastructure without these funds. Therefore, we believe that, in addition to providing more favorable financing opportunities for areas of greater disadvantage, the TWDB should provide greater prioritization for areas of greater disadvantage.

Generally, states utilize one of two different methods to identify disadvantaged communities. These methods include either a strict in/out definition, like the one that the TWDB uses, or a sliding scale that provides points to distinguish among disadvantaged communities, as is used in Wisconsin.

Currently, the SFY 2023 Draft DWSRF IUP creates a strict in/out definition of disadvantaged communities, based on whether a community meets the AMHI and household cost factor criteria. This means that all communities that qualify as a disadvantaged community under the IUP receive the same financing and prioritization points. In order to better prioritize the most disadvantaged areas, we encourage the TWDB to provide a sliding scale for points to distinguish among disadvantaged communities. By utilizing a sliding scale, the TWDB will be able to better ensure that the communities that have the least ability to pay for their projects are prioritized higher than more resourced communities.

b. Include SVI as a rating criterion.

In addition to providing a sliding scale of points to prioritize areas of greater disadvantage, we believe that areas with high social vulnerability should be prioritized. In Texas, we’ve seen that under the DWSRF for years analyzed (2016, 2017, 2019 and 2020) the successful cities SVI score was lower than SVI of unsuccessful cities for DWSRF.

	<b>AVG</b>	<b>MEDIA N</b>
<b>Weighted SVI for cities that submitted PIFs</b>	0.584364	0.529963
<b>Weighted average SVI for successful cities</b>	0.524653	0.52305

*Table 4: SVI of Cities that Submitted PIFs vs. SVI of cities that received DWSRF funding.*

This means that areas that are supposed to be more resilient already are more likely to receive funding. We believe that in order to prioritize projects in the areas that need it most, that the TWDB should provide a sliding scale of points for projects in areas that exhibit high social vulnerability.

*a. Include a rating criterion for affordability.*

Another way the rating criteria for the DWSRF can be improved is to prioritize projects in areas with low affordability. Water service affordability should be a top priority for the TWDB. A recent report on affordability of water and sewer services in Houston has shown that the most rate impacted households between 2019 and 2025 are estimated to go from paying about 13 percent of yearly income on water and sewer bills to over 21 percent<sup>3</sup> – highlighting just how unaffordable these systems are and will continue to be for overburdened communities.

In order to prioritize projects that will reduce this burden, we strongly recommend the TWDB include a rating criterion for affordability. The U.S. EPA recommends prioritizing principal forgiveness for systems where combined water and sewer drinking water rates are greater than 2% of the 20th percentile household income – comprising the lowest quintile of income for the service area. Providing prioritization points for these costly systems will better ensure that additional water rate burdens are not felt as strongly by the receiving overburdened communities.

*b. Include a rating criterion for projects that invest in workforce development.*

According to the EPA, there are multiple challenges for water sector workforce. These challenges include:

- Aging workforce – many workers eligible to retire in the next decade;
- Training to keep workforce up to date as technology rapidly advances across the sector;
- Industry lacking gender and racial diversity, especially in skilled trade positions; and
- Difficulties recruiting, training, and retaining trained operators in rural and tribal areas.

Therefore, in order to address these issues, the TWDB can provide prioritization points for projects that promote workforce development in the water sector. Examples of ways a project can show workforce development can include hiring a certain percentage of local employees or providing on the job training and skill development.

*V. Provide clarification on business case green projects.*

Under both the DWSRF and CWSRF project lists, the only green project type applicants submitted were business case projects. However, looking at these projects, many seem like categorical green projects and we are unsure why these projects are listed as business case projects. For example, PIF #14888 Ericksdahl WSC proposes “water meter replacement with

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<sup>3</sup> Alliance for Water Efficiency, *An Assessment of Water Affordability & Conservation Potential, Houston, Texas* (May 2023) available at: [https://www.allianceforwaterefficiency.org/sites/default/files/assets/AWE\\_Houston%20Affordability%20Report%200-%20FINAL%20May%202023.pdf](https://www.allianceforwaterefficiency.org/sites/default/files/assets/AWE_Houston%20Affordability%20Report%200-%20FINAL%20May%202023.pdf)

an automatic meter reading system and installation of automatic flush valves.” These items qualify as green elements under the categorical projects section of the Green Project Reserve Guidance TWDB-1061. Therefore, we are unsure why this is not listed as a business case green type and additional clarification on green type would be helpful.

*VI. Create a Technical Assistance program for workforce development.*

As noted in Recommendation above, there are many workforce challenges facing the water and sewer system providers. Many water utility workers are expected to retire, creating the need to attract and retain new workers. The Bureau of Labor Statistics estimated that 8.2 percent of existing water operators will need to be replaced annually between 2026.<sup>4</sup> and 2026.<sup>4</sup> In order to address this, the TWDB should consider creating a technical assistance program to partner with technical assistance providers and professional organizations to develop new strategies and initiatives to avoid the potential crisis of a diminishing workforce.

The undersigned groups appreciate and are encouraged by the TWDB’s progress made under this draft IUP. We hope these recommendations provided above are taken into consideration and look forward to any future discussions with the board to help operationalize these recommendations.

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<sup>4</sup> Texas Water Resources Institute, <https://twri.tamu.edu/publications/txh2o/2019/summer-2019/water-but-no-workers/>.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

*I. Refine the DWSRF Goals*

The TWDB appreciates these suggestions to refine the goals of the DWSRF program. These suggestions will be taken into consideration for future Intended Use Plans (IUP).

*II. Consider adding additional indicators under the DAC definition.*

These suggestions will be taken into consideration for future IUPs. When developing IUPs and establishing rating criteria and disadvantaged community eligibility, the TWDB takes into account the balance between having criteria that meets the goals of the program while not being overly burdensome to communities applying for the funding regarding the resources, knowledge, and expertise required to obtain data.

*III. Clarify how disadvantage community eligibility is calculated to ensure project service area is utilized to determine disadvantage community status*

The entire service area of the system is used for the disadvantaged community status determination unless that project is serving new service to existing residents in

unserved areas. The TWDB appreciates your suggestion to clarify this in the IUP and will take that into consideration when developing future IUPs.

*IV. Increase percentage forgivable loans available for projects for the most disadvantaged communities.*

The TWDB has specific percentages of the total funding being offered, that must be principal forgiveness. Adopting the highest level of 70% principal forgiveness for all projects that meet the disadvantaged community criteria, enables the TWDB to meet these requirements, and the ability to award funding to a greater number of projects using the remaining loan capacity of the program. The TWDB will continue each year to assess the optimal method of determining the eligibility criteria as well as the method of allocating principal forgiveness.

*V. Refine the rating criteria to better prioritize disadvantaged communities.*

The TWDB strives to provide financial assistance to communities across the state of Texas, whether those systems are eligible for disadvantaged community principal forgiveness or not. Due to aging infrastructure and rising construction costs, many systems are in need of financial assistance from the TWDB, regardless of their disadvantaged community status. The SRF IUP reserve the majority of principal forgiveness for disadvantaged communities, as a way of lessening the financial burden of taking on a loan. The TWDB will continue each year to assess the rating criteria for projects.

*VI. Provide clarification on business case green projects.*

The designation of "Business-Case" is a default designation for all projects that indicated that they are a green project in their Project Information Form. When an invited project submits a full application, a thorough review of the elements of the project that are considered green is completed and at that time the designation of "business case" or "categorically eligible" is updated as needed. This is done at this point of the process due to more detailed information being provided within the full application.

*VII. Create a Technical Assistance program for workforce development.*

The TWDB appreciates this suggestion and understands the risk that a declining workforce in the water/wastewater industry presents. The TWDB will continue to explore ways the agency can provide assistance to these efforts.

**Change:**  
None.

## **Project Information Form (PIF) Comments**

### **South Texas Water Authority - PIF #14988**

**Comment submitted by:** Rogelio Rodriguez, Director, Texas Infrastructure Fund, Water Finance Exchange

**Comment Date:** September 21, 2023

**Comment:**

We have reviewed the draft 2024 DWSRF IUP and would like to gain clarity as to why, having ranked so high, South Texas Water Authority (PIF#14988) is not listed on the initial invited list. Thank you.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**South Texas Water Authority - PIF #14988**

**Comment submitted by:** John Marez, Executive Director, South Texas Water Authority and General Manager, Ricardo Water Supply Corporation

**Comment Date:** September 25, 2023

**Comment:**

To Whom It May Concern:

We are writing to request why the South Texas Water Authority (STWA) would be ranked so high on your list but not included in the invitation for funding (PIF#14988).

The STWA has an operations and management agreement with the Ricardo WSC (which was included in the application) and other entities as part of a regionally collaborative approach in order to provide the administrative support and operational expertise to water entities that would otherwise not have such collaboration. Our application represents a regionally collaborative effort to ensure water to over 45,000 connections in the entire STWA service area, which covers western Nueces and central Kleberg counties. STWA has the authority under their enabling legislation as a conservation and reclamation district to enter into these agreements and serve as a financing and operational entity for water systems within its boundaries.

We respectfully request that the TWDB include the STWA proposed projects to address the Ricardo WSC in the 2024 DWSRF IUP.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**South Texas Water Authority -PIF #14988**

**Comment submitted by:** Jo Ella Wagner, STWA Assistant Executive Director/Finance Manager

**Comment Date:** September 25, 2023

**Comment:**

Texas Water Development Board,

We are writing to request clarification on why the South Texas Water Authority (STWA) could be ranked so high but not included in the invitation for funding (PIF#14988)?

The STWA has an operations and management agreement with the Ricardo Water Supply Corporation (which was included in the application) and other entities as part of a regionally collaborative approach in order to provide the administrative support and operational expertise to rural water entities in Kleberg County and western Nueces County that would not otherwise have such support. South Texas Water Authority, a Conservation and Reclamation District created in 1979 by the Texas Legislature, represents a collaborative effort to ensure quality water to over 45,000 connections in the entire STWA service area. STWA has the authority under their enabling legislation to enter into these agreements and serve as a financing and operational entity for water systems.

We respectfully request that the Texas Water Development Board include the South Texas Water Authority proposed projects to address the Ricardo Water Supply Corporation in the 2024 DWSRF IUP.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.



## **City of Port Arthur - PIF #14925**

**NOTE:** The comments below are transcribed from an audio file made at the Public Hearing held on September 25, 2023, at the Stephen F. Austin building, Austin, TX. All comments were directed toward the draft SFY 2024 DWSRF IUP, City of Port Arthur, PIF #14925 only.

**Comments were made by:** Pat Avery, President/CEO, Port Arthur Chamber of Commerce; Calvin Matthews, Director of Water Utilities, City of Port Arthur; Keestan Cole, PE, Arceneaux Wilson & Cole, LLC; Dr. Hani Tohme, PE, DE, Golden Triangle Consulting Engineers

**Comment Date:** September 25, 2023

### **Comment:**

#### **Dr. Hani Tohme, PE, DE, Golden Triangle Consulting Engineers**

Yes, with the city of Port Arthur. or representing the City of Port Arthur. Good morning. My name is Hani Tohme with Golden Triangle Consulting Engineers. I am a consultant for the city manager for the City of Port Arthur. Our engineering firm that is working on this project we submitted for is also here and will speak in a little bit. I want to talk about the importance of this project to the City of Port Arthur, ranked 82. So, we are a little bit over the 79 that have been chosen. But the City of Port Arthur today has become a hub for industrial projects, petrochemical projects that is highly impacting our global system. And we underwent a major expansion about 8 to 10 years ago that today is not able to meet with the new demands that are current and the upcoming densities that are in the near future. As well as most importantly, maintaining pressure in the system and protect public health and safety. It's very, very important for us to engage in this project and develop a plan and construct a new water treatment facility, so we will have the redundancies needed for this system, in order to supply the world with the energy they need while protecting public health and safety of our citizens that are living in a disadvantaged community and in this town. The application was for \$308 million. That includes design, land acquisitions and construction of that land and associated infrastructure. But this is a project that's going to take at least five years from start to finish, so that funding does not all have to be available right up front for this project. The first phase is going to be design, engineering design as well as acquisition of properties that are going to be needed to develop the infrastructure. Hopefully, we can at one point or another during this process and people will drop off, we jump down a little bit. We are hoping at least we can start the initial phase of design and land acquisition. I have been with the city since 2018. Since then, we have experienced several natural disasters. Two freezes already and having one water treatment facility. Both of those freezes caused major damage to the electrical infrastructure in the plant and outside the plant, and we were an hour away from shutting the system down. The whole city, industry, residential, commercial and having no water for fire protection, this happened twice since 2018. We cannot shut down the water system because of lack of redundancy and because of the aging infrastructure. I understand how this system works and I understand the ranking of these projects. But today Port Arthur is on top of the world when it comes to the industrial facilities that are being built and getting designed to be built and those that are expanding and maintaining a system that would work during a disaster, a storm or freeze. Or any type of emergency is very important to the City and State

as well as to the world. So, we are hoping that this project is going to gain some kind of momentum and be able to at least start phase one in this coming year. Thank you.

**Keestan Cole, PE, Arceneaux Wilson & Cole, LLC**

Yes, Sir. We are here representing the City of Port Arthur. Just want to touch on a few things, Hanu touched on a few items. About ten years ago, they made a very long expansion of their water system to help the growing industry as well as their growing population in the city. We were a part of that project throughout the process and in that time the industries in the area are expanding tremendously. It has been a real struggle to try and keep up with the capacity needs in the city. Petrochemical facilities, LNG facilities. On top of that, we also have a very large, very top surfaces in the City of Port Arthur, water as well. Hanu had mentioned, the importance of this system is not only important to the city but the state itself. Just the infrastructure that it takes to get these products in and out of our area is really important. On the engineering side, as I mentioned, we were part of the processes and as their expansion went through 13 years ago and did everything we could to spend the money they have available to hopefully get them, give them longevity. But it's just surpassed that amount already. We are here to ask for favorable votes towards our project to help move this along because they are really in need of an expansion. They have a single service line that serves the entire area. And as Hanu mentioned, when that line goes down, not only is it the health and safety, but there's also just hundreds of millions of dollars daily loss in revenue for the state and for local entities. So that is very important, that there's some redundancy in the system. Not only did they need another water plant, but another line to help serve this this community.  
Thank you for your help.

**Calvin Matthews, Director of Water Utilities, City of Port Arthur**

Good morning. My name is Calvin Matthews with water utilities partners with the City of Port Arthur, Texas. To go along with what Keestan and Hanu had said. I came to Port Arthur in 1921. And what I have found since moving in as the Director here is where we have many single points of failure within our water system. The population is over 50,000. We have the largest refinery in the United States. We have several of the very large fuel plants and refineries and as Keestan said there's a single water line and that serves them all. For most of them we provide their potable water service, and fire service for refineries. But it's critical for their employees plus our population. So, any favorable outlook that would let us move forward with engineering and looking at any redundancy, I would appreciate it.

**Pat Avery, President/CEO, Port Arthur Chamber of Commerce**

Good morning. My name is Pat Avery and I am the President and CEO of the Port Arthur Chamber of Commerce, we have over \$90 billion of projects, industrial projects in the area. We have 3 refineries including the largest refinery. In Northern America. Huge petrochemical facilities. We have two ports, the one in Port Arthur along with Beaumont services all of the military deployment in the United States. The two largest ports in the United States. We are a huge fishery and shrimping community. We also provide water to SNWR, which is just over the border in Louisiana. And so, I'm just trying to give you an idea of the industrial impact of that area. We are an environmental justice community, very poor outside of these large facilities and with a population of 56,000 people. We really need this

help. Infrastructure is not an Industry responsibility, nor are they trying to make it their responsibility to provide water to everyone, but we are asking them. We are not getting that help. We have a wonderful industry, and community of people in our community. I'm not trying to say that at all, they do a lot for Port Arthur. But this problem is too huge and as you know, many of those plants are just coming off years of COVID when they were not making one night. And so, they are trying to get their operations back up and running and profitable. Business being the most important thing in their minds right now. So, on behalf of all the citizens of Port Arthur and all the industry, I'm asking you for your help with our water treatment plant. Thank you so much for your time.

**Dr. Hani Tohme, PE, DE, Golden Triangle Consulting Engineers**

Just to expand on what Ms. Avery said, we reached out to the industry to actually fund this project. We had several meetings with them but coming out of COVID and all the expansions they are doing right now is not going to make this feasible. To come in and tell them you are going to give me \$80 million, you are going to give me \$90 million based on the needs is not going to happen. However, if we are successful in executing the funding for this project. Paying back that loan is where they are going to come in and participate because it is so much easier for them to make a payment for the next 20 years that they include in their budgets than it is to come up with \$70 million on the spot. So, we are planning to get them involved once this loan is secured and several of them have said they will be able to discuss this much better once this is going to be made payments versus the one lump sum. Thank you.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**City of Port Arthur – PIF #14925**

**Comment submitted by:** Pat Avery, President/CEO, Greater Port Arthur Chamber of Commerce

**Comment Date:** September 26, 2023

**Comment:**

Dear Board:

My name is Pat Avery, President/CEO of the Greater Port Arthur Chamber of Commerce.

It was an honor to drive to Austin to testify in person yesterday regarding this important matter.

The City of Port Arthur has 56,000 citizens, it is considered a marginalized, disadvantaged, and/or environmental justice community. Yet it is surrounded by an abundance of industrial plants, with 3 refineries, numerous petrochemicals sites and 3 LNG plants (with one being just over the Louisiana’s border).

We have two ports. We have one port which is a top military deployment port in the nation. One port which is dedicated to shrimping and recreational fishing. Over the years we have been devastated by numerous hurricanes, just to name a few, Harvey, Ike, and Rita.

We are asking you to provide us with loans for the next 5 years, for a total of \$308 million to build a water treatment plant, and all related infrastructure, so that we can meet the needs of all of our constituents. Brooke Paup, George Peyton, and L’Oreal Stepney, your urgent attention is needed regarding this matter. Thank you so much.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**City of Port Arthur – PIF #14925**

**Comment submitted by:** Representative Christian Manuel, Texas House of Representatives, District 22

**Comment Date:** September 27, 2023

**Comment:**

Dear Board,

I am writing with a substantial request for the City of Port Arthur, which resides within my district. The City of Port Arthur would benefit from receiving a loan amounting to an estimated 308 million dollars. This loan will be instrumental in funding the construction of a new water treatment plant, a project that my district believes is not only essential for the health and safety of our residents but also for the long-term sustainability of our region.

It is anticipated to execute this project within a five-year period. Port Arthur, despite its marginalization, plays a crucial role in our state's economic landscape due to its significant industrial presence. This proposal is an investment in our future that aligns with our state's economic interests.

I respectfully ask that you please consider this request for assistance. Your support will not only improve the lives of the residents of Port Arthur but also reinforce our position as an economically strong asset to our state.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (I IPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**City of Port Arthur – PIF #14925**

**Comment submitted by:** Betty Reynard, President, Lamar State College Port Arthur  
**Comment Date:** October 2, 2023

**Comment:**

Dear Board,

I am writing to request your support for a loan to the City of Port Arthur in the amount of \$308 million. The loan will provide for the construction of a water treatment plant and related infrastructure to serve the Port Arthur area. The loan will be instrumental in funding the construction of a new water treatment plant, a project that is not only essential for the health and safety of our residents but also for the long-term sustainability of our region. It is anticipated that the project will be executed within a five-year period.

Port Arthur, despite its marginalization, plays a crucial role in our state's economic landscape due to its significant industrial presence. This proposal is an investment in our future that aligns with our state's economic interests. The City of Port Arthur has 56,000 citizens and is considered a marginalized, disadvantaged, and/or environmental justice community. Yet it is surrounded by an abundance of industrial plants including three refineries, several petrochemical sites, and two LNG plants.

In addition, Port Arthur has two ports. One port is a top military deployment port in the nation while the second port is dedicated to shrimping and recreational fishing.

Over time we have been devastated by numerous hurricanes, just to name a few, Harvey, Ike, and Rita.

Hopefully, you will find the request from Port Arthur worthy of funding.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

**City of Rio Grande City - PIF #15491**

**Comment submitted by:** Kristina Leal, PE, CFM, Halff

**Comment Date:** September 22, 2023

**Comment:**

Good afternoon, Mireya.

The City of Rio Grande City and I noticed that the above project was not included in the Draft IUP that is published on TWDB's email. Can you please let us know what needs to be done so that I can be included?

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

Based on our review of the information provided, the updates to the Project Information Form for this project was submitted correctly and received before the deadline. The City of Rio Grande City submittal was sent to the Texas Commission on Environmental Quality to be scored for SFY 2024 and added to the list in the appropriate rank.

**Change:**

The City of Rio Grande City's project has been included in the DWSRF SFY 2024 IUP on the Project Priority List with 37 points and a rank of 40.

**K-Bar/English Acres - PIF #15106**

**Comment submitted by:** Rogelio Rodriguez, Director, Texas Infrastructure Fund, Water Finance Exchange

**Comment Date:** September 25, 2023

**Comment:**

We are writing to thank the TWDB for including K-Bar/ English Acres (PIF#15106) in the invited funding for the 2024 DWSRF IUP. This funding represents an answer to the tremendous need and motivation of the residents, County Commissioners and the Jim Wells County FWSD all focused on providing reliable healthy water to the K-Bar/ English Acres community.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

**Change:**

None.



## **City of Marble Falls – PIF #14815**

**Comment submitted by:** William Moriarty, RJN on behalf of Jeff Prato, PE, City Engineer, City of Marble Falls

**Comment Date:** September 22, 2023

### **Comment:**

Texas Water Development Board

Re: Public Comments on the SFY 2024 Drinking Water State Revolving Fund-City of Marble Falls

Dear Ladies and Gentlemen of the Texas Water Development Board,

I am writing to you today to discuss the status of our application for the Drinking Water State Revolving Fund. The project we wish to discuss with you is PIF # 14815 which is described as follows:

**“The City is undertaking the replacement of the dilapidated Via Viejo High Service Water Pump Station (HSPS) and vital flood proofing improvements to the Raw Water Intake at the City’s Water Treatment Plant.”**

Earlier this week, TWDB published a Draft Intended Use Plan. The project was ranked #54 and was not selected for invitation. Although the City is seeking \$6,150,000.00 for both projects collectively, we would like to propose revising the application to request funding for only the Via Viejo HSPS and reduce the requested amount to \$3,000,000.00. The existing pump station was designed and constructed in 1983 with two (2) pumps rated at 1,000 GPM and was meant to serve a small portion of the original pressure plane. It is now the sole high service provider for two of the large pressure planes within the City. These pumps are online most of the day, and any failures would create water service issues for the residents.

Both projects are critical water infrastructure projects, and these grant programs are vital to improving infrastructure and accommodating growth. We have enjoyed working with your team and appreciate all that you do. Thank you for your consideration.

### **Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

### **Change:**

None.

**City of San Marcos – PIF #14812**

**Comment submitted by:** Mark Evans, Associate Funding Specialist, Freese and Nichols, Inc.

**Comment Date:** September 29, 2023

**Comment:**

The following comment is submitted on behalf of the City of San Marcos.

The City submitted PIFs for the SFY 2024 CWSRF and DWSRF IUPs. The City’s projects ranked as follows.

CWSRF - #33

DWSRF - #69

The City is qualified as disadvantaged in both IUPs. The City’s projects do not appear on the Initial Invited Projects List (IIPL) in either IUP. In the CWSRF, three projects are on the IIPL that are ranked lower: Nos. 34, 36, & 41. In the DWSRF, five projects are on the IIPL that are ranked lower: Nos. 70, 72, 77, 78, & 79.

The City believes that based on its projects’ rankings, the projects should appear on the IIPL and therefore, receive a first-round invitation to submit a full application.

**Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

**Change:**

None.

## **San Jacinto SUD – PIF #14746**

**Comment submitted by:** Melwin Matthew, Project Manager, LightPoint Engineering, LLC

**Comment Date:** September 28, 2023

### **Comment:**

Greetings,

I wanted to bring up a concern, on behalf of the San Jacinto SUD (“the SUD”), in regards to the Drinking Water IUP (“DW-IUP”) project rankings in the 2024 DWSRF program.

Currently, the SUD’s project was ranked #68 in the DW- IUP’s Priority List. However, the SUD was still skipped over in the Invited Projects List regardless where it jumped from rank #62 and then straight to #70.

May I please request clarification on how the determination was made for the projects that made into the Invited Projects List? Or why the SUD’s project was ultimately omitted?

Please feel free to reach out to me directly if there is anything that I can be of assistance with in regards to this inquiry.

### **Response:**

The TWDB appreciates receiving the comments for the 2024 DWSRF IUP.

The initial invited project list (IIPL) includes the type and amount of funding necessary to meet requirements and goals of the Drinking Water State Revolving Fund (DWSRF), such as Additional Subsidization and Reserve requirements. Because of the need to meet these requirements, specifically the Additional Subsidization (principal forgiveness) requirement, the TWDB may decide to invite a lower ranked project to ensure that funds available are utilized and statutory and capitalization grant requirements are met. After the initial invitation period, if any funds remain unallocated, other projects on the project priority list may be invited in rank order.

### **Change:**

None.

STATE OF TEXAS

# Intended Use Plan

## Drinking Water State Revolving Fund

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



SFY 2024

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

**Drinking Water State Revolving Fund**  
**SFY 2024 Intended Use Plan**  
**General Activities**

Draft Dated September 19, 2023

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## Drinking Water State Revolving Fund Acronyms

<b>ACS</b>	American Community Survey
<b>AIS</b>	American Iron & Steel
<b>AMHI</b>	Annual Median Household Income
<b>BABA</b>	Build America, Buy America Act, 2021
<b>CWSRF</b>	Clean Water State Revolving Fund
<b>DWSRF</b>	Drinking Water State Revolving Fund
<b>EPA</b>	Environmental Protection Agency
<b>FFY</b>	Federal Fiscal Year
<b>FMT</b>	Financial, Managerial, and Technical
<b>GPR</b>	Green Project Reserve
<b>HCF</b>	Household Cost Factor
<b>IJA</b>	Infrastructure Investment and Jobs Act, 2021
<b>IUP</b>	Intended Use Plan
<b>IPL</b>	Initial Invited Projects List
<b>MCL</b>	Maximum Contaminant Level
<b>NEPA</b>	National Environmental Policy Act
<b>PIF</b>	Project Information Form
<b>PPL</b>	Project Priority List
<b>PWS</b>	Public Water System
<b>SDWA</b>	Safe Drinking Water Act
<b>SFY</b>	State Fiscal Year
<b>SRF</b>	State Revolving Fund
<b>TCEQ</b>	Texas Commission on Environmental Quality
<b>TWDB</b>	Texas Water Development Board



## I. Overview

The Drinking Water State Revolving Fund (DWSRF) assists communities by providing below market-rate financing and various levels of additional subsidization for a wide range of projects that facilitate compliance with primary drinking water standards or otherwise significantly further the health protection objectives of the Safe Drinking Water Act (SDWA). This Intended Use Plan covers the DWSRF capitalization grant funds provided from the Federal Fiscal Year (FFY) 2023 annual appropriations of \$39,369,000, FFY 2021 annual appropriations reallocated from another state of \$812,000, and General Supplemental FFY 2023 appropriations from the Infrastructure Investment and Jobs Act of 2021 (IIJA) of \$167,867,000. The combined capitalization grants from both appropriations covered in this IUP is \$208,048,000. The additional FFY 2023 DWSRF allotments to Texas under the IIJA for addressing emerging contaminants and lead service line replacements will be covered in subsequent IUPs.

For State Fiscal Year (SFY) 2024, at least \$435,066,830 could be made available under the DWSRF for all financing options including \$95,066,830 in additional subsidization. Of the total amount available, \$325,000,000 million could be available at subsidized interest rates or at zero percent for special funding categories. These savings directly lower the overall cost of providing safe, affordable water to every customer. The TWDB uses loan repayments and borrowed funds to provide the additional capacity above the grant amount.

## II. Background

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

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

### **Recent Changes – IIJA Supplemental Funding, Considerably Lower Annual Appropriations, and Increases in Required Additional Subsidization (Principal Forgiveness) Percentage of Total Grant funds**

The IIJA appropriated five years of supplemental capitalization grant funding to the DWSRF program for general activities, along with separate amounts to address emerging contaminants and lead service line replacements.

For FFY 2023 funds, the IIJA provided \$167,867,000 of capitalization grant funding to the DWSRF for general activities. It required that 49 percent (\$82,254,830) of this supplemental funding be provided as additional subsidization.

The annual appropriations of capitalization grant funding to the DWSRF was reduced by 28 percent from \$54,911,000 in FFY 2022 to \$39,369,000 in FFY 2023, for a total reduction over the last two years of 54 percent. Of that amount, the appropriations required 14 percent of the grant be provided as additional subsidization (\$5,511,660). In addition, the IJA increased the required minimum amount of the annually appropriated funding that must be provided to disadvantaged communities as additional subsidization from 6 percent to 12 percent (therefore, \$4,724,280 more as additional subsidization).

Overall, capitalization grants to the DWSRF for general activities increased slightly from \$195,904,000 last year (FFY 2022 funds) to \$208,048,000 this year (FFY 2023 and reallocated 2021 funds). However, of the total provided for general activities, 45 percent or \$92,701,890 of the grants must be provided as additional subsidization, such as principal forgiveness.

### **Purpose of IUP**

Annually, the State must prepare an Intended Use Plan (IUP) that describes how it intends to use DWSRF program funds to support the overall goals of the program. The IUP must contain a number of elements required by the Environmental Protection Agency (EPA) covering the operation of the DWSRF 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 DWSRF. 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. Applications for funding under this SFY 2024 IUP will be accepted based on invitation only until the program reaches funding capacity or the SFY 2025 IUP covering general activities is approved.

## **III. Projects to Fund**

### **A. Eligible Applicants**

Applicants eligible to apply for assistance are:

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

### **B. Eligible and Ineligible Use of Funds**

1. Examples of eligible project costs include planning, acquisition, design, and construction of projects to:
  - Correct water system deficiencies including water quality, capacity, pressure, and water loss
  - Upgrade or replace water systems

- Provide new or existing water service to other water systems through consolidation projects
- Purchase capacity in water systems
- Purchase water systems
- Implement green projects (pursuant to EPA guidance)
- Implement source water protection projects
- Pay for other costs necessary to secure or issue debt

All projects funded through the DWSRF must be consistent with the most recently adopted TWDB State Water Plan.

**2. Examples of ineligible project costs include:**

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

#### **IV. Significant Program Changes**

Significant program changes from the previous year's IUP are highlighted below.

These changes address the new DWSRF program requirements while striving to ensure the programs continue to offer financial assistance to all categories of eligible systems within the constraints on the program. It is designed to allocate the required additional subsidization levels while freeing up loan funds for other projects. These adjustments are intended to allow the TWDB to continue to meet the needs of its customers while addressing the new allocation and programmatic requirements.

1. The maximum loan/bond commitment amount a project may receive under the SFY 2024 IUP is \$49 million (15% of loan/bond capacity). (Section VIII)
2. Used the definition of rural political subdivision in Senate Bill 469, 88<sup>th</sup> Regular Legislative Session (with one edit), to determine a "rural project" for consistency with other TWDB financing programs. (Section VI)
3. Would no longer offer Emergency Preparedness plan funding as utility emergency preparedness plans were required to be submitted to TCEQ and implemented in 2022.
4. Reserves an additional \$1,000,000 of accumulated DWSRF fees for the Asset Management Program for Small Systems (AMPSS) initiative and an additional \$500,000 of accumulated DWSRF fees for the CFO to Go initiative. (Section XI)

5. Establishes a Water Use Survey Application Assessment initiative using accumulated fees. TWDB will assess improvements to the annual Water Use Survey application that will improve the quality of data collected. As an additional benefit, the data improvements will support the DWSRF's Technical Assistance in Water Loss Control initiative that uses data from the Water Use Survey. (Section XI)

## **V. Amount Available**

### **1. Allocations**

Texas is eligible for federal capitalization grants from the annual appropriations by Congress for Federal Fiscal Year (FFY) 2023, FFY 2021 funds reallocated from another state, and the supplemental appropriations under IIJA for FFY 2023 covering general activities. The TWDB will use the grants, along with other available sources of funds, to make available up to \$435,066,830 for projects in this SFY 2024 IUP. The sources of funds include the FFY 2023 and reallocated FFY 2021 annual appropriations and IIJA capitalization grants, 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 DWSRF program offers subsidized interest rates and additional subsidization typically in the form of principal forgiveness. Principal forgiveness funds are not considered "grant" funds under Title 2 Code of Federal Regulations Part 200 nor the Texas Grant Management Standards found at Texas Government Code Title 17 Chapter 783.

## 2. Allocations and Terms Available Under Each Funding Option:

Funding Option	Amount ****	Principal Forgiveness/ Add. Sub.	Interest Rates		Origination Fee
			Equivalency	Non-Equivalency	
<b><u>Principal Forgiveness:</u></b>					
Disadvantaged Community	\$59,112,000 as Principal Forgiveness	70%*	Interest rate reduction of 35%	N/A	2.0%***
Disadvantaged Community – Small / Rural only - Principal Forgiveness	\$20,754,830	Maximum amount per project/entity \$1,000,000	N/A	N/A	N/A
Subsidized Green Principal Forgiveness	\$3,600,000	Up to 15% of DWSRF-funded Green Costs –	N/A	N/A	N/A
Very Small Systems Principal Forgiveness	\$5,600,000	Up to \$400,000 per project	N/A	N/A	N/A
Urgent Need – Contaminants / Other Principal Forgiveness	\$6,000,000	Maximum amount per project/entity \$800,000	N/A	N/A	N/A
<b><u>Loans/Bonds:</u></b>					
Urgent Need – Bond/Loan	\$3,000,000		N/A	0%	2.0%
Disadvantaged Community – Small / Rural only – Bond/Loan	\$10,000,000		0%	N/A	2.0%
Asset Management Bonds/Loans (AMPSS) – for preparation of asset management plans and implementation of plans	\$2,000,000		0%	0%	2.0%
Bond/Loan - Regular	<b>\$325,000,000</b>	N/A	Interest rate reduction of 35%**	Interest rate reduction of 30%**	2.0%
<b>TOTAL</b>	<b>\$435,066,830</b>				
<p>* Percentage of DWSRF-funded project costs remaining after subtracting other DWSRF principal forgiveness/additional subsidization</p> <p>** Based on a level debt service schedule</p> <p>*** Not assessed on the principal forgiveness/additional subsidization portion of project funding</p> <p>**** An amount equal to additional subsidization and zero interest loan funds from any funding category not allocated may be used for regular bond/loan funding.</p> <p>The maximum amount of principal forgiveness that may be committed to a project under the SFY 2024 IUP from <u>all</u> funding options is \$10,000,000.</p> <p>The maximum loan/bond commitment amount a project may receive under the SFY 2024 IUP is \$49 million.</p>					

### 3. Interest rate reduction methodology:

The interest rate will be a percentage reduction from the Thomson Reuters Municipal Market Data (MMD) rate adjusted for yield to maturity that is applicable to the entity's rating, with non-rated entities using the Baa rate, as follows:

- (a) Equivalency projects: 35% reduction
- (b) Non-Equivalency projects: 30% reduction

**Exclusions from the interest rate reduction methodology** - the interest rate reduction methodology does not apply to any portion of financing that is offered at zero percent. The full benefit of the zero percent financing under the respective special funding option will be incorporated into the total of the maturities for bonds or the total loan payments for loans.

### 4. Allocation of Additional Subsidization:

	Regular/Base Appropriations	Wyoming Re-allotment of FFY 2021	Regular/Base Appropriations /Re-allotment	% of Grant	IIJA's Supplemental Appropriations	% of Grant	Total for IUP	
<b>Drinking Water SRF SFY 2024</b>	\$39,369,000	\$812,000	\$40,181,000		\$167,867,000		\$208,048,000	
<b>Minimum &amp; Maximum - Principal Forgiveness</b>								
Minimum (Disadvantaged Comm.)	\$4,724,280	\$97,440	\$4,821,720	12%	\$82,254,830	49%	\$87,076,550	
Minimum (Any DWSRF-eligible recipient)	\$5,511,660	\$113,680	\$5,625,340	14%	\$0	0%	\$5,625,340	
<b>Minimum (Total)</b>	<b>\$10,235,940</b>	<b>\$211,120</b>	<b>\$10,447,060</b>	<b>26%</b>	<b>\$82,254,830</b>	<b>49%</b>	<b>\$92,701,890</b>	
Optional Additional Amount for Disadvan. Comm.	\$9,054,870	\$186,760	\$9,241,630	23%	0%	0%	\$9,241,630	
Maximum	\$19,290,810	\$397,880	\$19,688,690	49%	\$82,254,830	49%	\$101,943,520	
<b>Current Allocation of Principal Forgiveness</b>								
	<b>Eligibility</b>							
Disadvantaged Community:	Disadv.	\$4,000,000	\$112,000	\$4,112,000	10.2%	\$55,000,000	33%	\$59,112,000
Disadvantaged Community-Small / Rural only:	Disadv.	\$2,000,000	\$100,000	\$2,100,000	5.2%	\$18,654,830	11%	\$20,754,830
Subsidized Green:	All	\$3,600,000	\$0	\$3,600,000	9.0%	\$0	0%	\$3,600,000
Very Small Systems:	Disadv.	\$0	\$0	\$0	0.0%	\$5,600,000	3%	\$5,600,000
Urgent Need:	All	\$1,500,000	\$0	\$1,500,000	3.7%	\$0	0%	\$1,500,000
	Disadv.	\$1,500,000	\$0	\$1,500,000	3.7%	\$3,000,000	2%	\$4,500,000
<b>Total Currently Allocated</b>		<b>\$12,600,000</b>	<b>\$212,000</b>	<b>\$12,812,000</b>	<b>31.9%</b>	<b>\$82,254,830</b>	<b>49%</b>	<b>\$95,066,830</b>
<i>Additional amount of grant that could be allocated to principal forgiveness</i>		<i>\$6,690,810</i>	<i>\$185,880</i>	<i>\$6,876,690</i>	<i>17%</i>	<i>\$0</i>	<i>0%</i>	<i>\$6,876,690</i>
<b>Total Breakdown</b>								
Total Principal Forgiveness Allocated to Projects		\$12,600,000	\$212,000	\$12,812,000	32%	\$82,254,830	49%	\$95,066,830
TWDB Admin. Set-aside (incl. Project Manag. System)		\$1,574,760	\$32,480	\$1,607,240	4%	\$6,714,680	4%	\$8,321,920
Set-asides - TCEQ		\$8,824,280	\$97,440	\$8,921,720	22%	\$7,000,000	4%	\$15,921,720
Set-asides, including capacity development		\$0	\$0	\$0	0%	\$5,000,000	3%	\$5,000,000
Loans/Bonds		\$16,369,960	\$470,080	\$16,840,040	42%	\$66,897,490	40%	\$83,737,530
<b>Total</b>		<b>\$39,369,000</b>	<b>\$812,000</b>	<b>\$40,181,000</b>	<b>100%</b>	<b>\$167,867,000</b>	<b>100%</b>	<b>\$208,048,000</b>

## VI. Funding Options and Terms

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

**Equivalency projects (Federal Requirements)** - A portion of the DWSRF funded projects must follow all federal requirements commonly known as “cross-cutters”. This type of financial assistance is referred to broadly as “Equivalency”. A portion of the available Equivalency funds may be reserved for projects receiving Additional Subsidization. More information on the federal cross-cutters may be found in Appendix E.

**Non-Equivalency projects (State Requirements)** - Non-Equivalency projects are not subject to federal cross-cutter requirements, with the exception of the federal anti-discrimination laws, also known as the “super cross-cutters”.

### 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 or more 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 DWSRF’s affordability criteria based on income, unemployment rates, and population trends. In summary, the Annual Median Household Income (AMHI) of the entity’s area to be served must be less than or equal to 75 percent of the State’s AMHI and the Household Cost Factor that considers income, unemployment rates, and population trends must be greater than or equal to 1 percent if only water or sewer service is provided or greater than or equal to 2 percent 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. The maximum principal forgiveness as a percentage of DWSRF-funded project costs remaining after subtracting other DWSRF principal forgiveness is provided in the following table:

Household Cost Factor Difference	Principal Forgiveness as a % of DWSRF-funded project costs remaining after subtracting other DWSRF principal forgiveness
≥ 0%	70%

This funding option offers a financial assistance component with the interest rate subsidy and 70 percent of the DWSRF-funded project cost in principal forgiveness for all disadvantaged communities. TWDB will calculate the Disadvantaged Communities principal forgiveness amount based on the amount of State Revolving Fund (SRF)-funded project costs remaining after subtracting all other DWSRF principal forgiveness funding being provided in SFY 2024 to the proposed project. (As an option at TWDB’s discretion, if the DWSRF loan portion would be less than \$100,000, the entity may reduce the amount of DWSRF funds requested by the

amount of the loan portion and the Disadvantaged Communities percentage calculation will be based on the reduced application amount of DWSRF-funded costs before other DWSRF program additional subsidization amounts are subtracted from the total requested.) 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.

The Household Cost Factor will be established based on the PIF, and associated Disadvantaged Community worksheets and income information, submitted by the PIF deadline for inclusion in the IUP.

**b. Disadvantaged Community Funding – Small / Rural only (Equivalency only)**

An entity qualified as a disadvantaged community and that additionally meets the definition of either a small community or a rural project may receive funding under this option. The entity must submit to TWDB acceptable evidence that it meets the qualification criteria to be eligible for this funding option.

Small Community – an entity serving a population of not more than 10,000.

Rural project – a project from a rural political subdivision.

Rural political subdivision means:

(A) a nonprofit water supply or sewer service corporation created and operating under Chapter 67 of the Texas Water Code or a district or authority created under Section 52, Article III, or Section 59, Article XVI, Texas Constitution, no part of the service area of which is located in an urban area with a population of more than 50,000;

(B) a municipality:

(i) with a population of 10,000 or less no part of the service area of which is located in an urban area with a population of 50,000 or more; or

(ii) located wholly in a county in which no urban area has a population of more than 50,000;

(C) a county in which no urban area has a population of more than 50,000; or

(D) an entity that:

(i) is a nonprofit water supply or sewer service corporation created and operating under Chapter 67 of the Texas Water Code, a district or authority created under Section 52, Article III, or Section 59, Article XVI, Texas Constitution, a municipality, county, or other political subdivision of the state, or an interstate compact commission to which the state is a party; and



(ii) demonstrates in a manner satisfactory to the board that the entity is rural or the area to be served by the project is a wholly rural area despite not otherwise qualifying under Paragraph (A), (B), or (C).

Amount of Funding available as Principal Forgiveness and a 0% Loan

Entities may be eligible to receive 100 percent of the total project cost in principal forgiveness up to the amount specified in the chart below. The maximum amount of principal forgiveness that an entity may receive per project is based on eligibility for Disadvantaged Community funding as described in Appendix D.

If eligible project costs that would have qualified for this option exceed the maximum principal forgiveness allowable or available for the project, the entity may receive funding with an interest rate of zero percent up to the limits established in the chart below.

Disadvantaged Community - Principal Forgiveness Eligibility Percentage Level	Maximum Amount of Principal Forgiveness per Project/ Entity	Maximum Amount of 0% Loan per Project/ Entity (excluding additional funds for rounded bond increment and the associated fee financed at 0%)
70%	\$1,000,000	\$3,000,000

The definition of a “project” includes the planning, acquisition, design and construction phases. In addition, a particular recipient may only receive the maximum eligible amounts in principal forgiveness or 0% loans under this funding option in a program year for all of its projects.

Amount of funding available in SFY 2024 with an Interest Rate of Zero Percent

To ensure the long-term viability of the program, the amount of funding with an interest rate of zero percent made available during SFY 2024 is \$10 million. The TWDB Executive Administrator may establish a higher amount consistent with maintaining the DWSRF in perpetuity and any other appropriate factors. Any unallocated zero interest rate funding may be allocated to another funding option offering zero percent funding.

An entity may receive funds that are a combination of rates. For example, a portion of the funding may be available at an interest rate of zero percent and the remainder required for the project may be available at the standard reduced interest rate.

An entity allocated program funding in SFY 2024 under the regular Disadvantaged Community Funding option that is less than the eligible project costs specified in the IUP and meets either the small community or rural definition is eligible to receive principal forgiveness and a 0% loan under this option up to the maximum amounts established in the chart above. The maximum principal forgiveness amount is based on the sum of the amount received under the regular Disadvantaged Community

Funding option and the remaining allowable amount received under this option.

This means that an entity/project that qualifies as a small or rural disadvantaged community and is allocated principal forgiveness under the regular Disadvantaged Community funding option equal to or greater than \$1,000,000 may not receive an additional allocation of principal forgiveness under this funding option. However, an entity/project that received less than \$1,000,000 in regular Disadvantaged Community funding may receive the difference under this funding option. For example, if the small or rural disadvantaged community was allocated only \$425,000 of principal forgiveness under the regular Disadvantaged Community option yet is eligible to receive \$1,000,000 based on the chart above, it would be eligible to receive the remainder of \$575,000 in principal forgiveness from this funding option.

Funds not allocated by March 1, 2024 for entities and projects that qualify for this option may be reallocated to other funding options.

**c. Subsidized Green Funding (Equivalency or Non-Equivalency)**

Entities may be eligible to 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 percent or greater than the total project cost. This funding option offers principal forgiveness for up to 15 percent of the total DWSRF-funded eligible green component costs.

The definition of a “project” for SFY 2024 includes the planning, acquisition, design and construction phases. Subsidized green funding received by the project prior to SFY 2019 IUP funding will not count against this limit. Additional information may be found in Appendix E. Funds not allocated for projects that qualify for this option may be reallocated to other funding options.

**d. Very Small Systems Funding (Equivalency or Non-Equivalency)**

The TWDB recognizes the difficulty for very small systems to secure financial assistance. In an effort to extend resources to address critical issues with these public water systems, the TWDB will allocate up to \$5,600,000 in Additional Subsidization to disadvantaged systems with populations of 1,000 or fewer for projects addressing public health, compliance, or water quantity issues, of which \$2,000,000 will be allocated to the Securing Safe Water initiative through the first round of funding.

To be eligible to receive Very Small Systems funding the AMHI for the disadvantaged project must not exceed 150 percent of the state’s AMHI. To lessen the need for the applicant to conduct income surveys, the TWDB will consider on a case-by-case basis making the presumption that the average (mean) of the AMHI of all U.S. Census Bureau Block Groups containing any portion of the project service area is the AMHI for the project. The applicant has the option of proving otherwise by submitting more information on the number of customers in each Block Group or

conducting an income survey. Applicants must provide a detailed map of the proposed service area to be considered for this option and the TWDB will determine the associated Block Groups. The Executive Administrator will then determine whether this option would result in a reasonable estimate of the AMHI for the project service area and may be used for the AMHI threshold calculation. (The income data used in the calculation will be the same data source as described in “Affordability Criteria to Determine Disadvantaged Community Eligibility, found in Appendix D.)

Entities may be eligible to receive 100 percent of the total project cost in principal forgiveness up to a total of \$400,000 per project. A particular public water system may only receive a total of \$400,000 in principal forgiveness of Very Small Systems funds in a program year. The definition of a “project” for SFY 2024 includes the planning, acquisition, design and construction phases. In the event funding does not fully cover total project costs, the entity will need to secure additional financial assistance to complete the proposed project. Reserved funds not allocated by March 1, 2024, for projects that qualify may be reallocated to other disadvantaged funding options.

**e. Urgent Need (Non-Equivalency)**

Urgent Need projects must address situations that require immediate attention to protect public health and safety. They may result from (1) an unanticipated reduction in the adequate supply of water due to prolonged drought that will result in the loss of water service to customers within the next 180 days; (2) a catastrophic natural event or accident resulting in the loss of over 20 percent of the water service connections or 20 percent of the total water provided to customers; (3) situations that require immediate attention to address a substantial, imminent public health issue affecting at least 20 percent of the water provided to customers, such as contamination in excess of water quality standards; (4) situations that require immediate attention to address a substantial, imminent public health issue affecting at least 20 percent of the water provided to customers from severe flood damage that occurred during a Governor or Presidential-declared natural disaster; and (5) other situations as established by TWDB guidelines.

Urgent Need projects submitted after the March 3, 2023 project information form submission deadline may be invited in the first round of invitations for SFY 2024 funding. To recover from a disaster, an entity may change the scope of an existing project in the IUP by simply providing the proposed new scope and budget to the TWDB without the need to submit a new Project Information Form. The Executive Administrator may bypass projects to provide funding to Urgent Need projects. An Urgent Need project may qualify and receive funding concurrently as a Disadvantaged Community, Subsidized Green, and Very Small System project, provided funding is available. The proposed project must not be for replacement of facilities that have failed because they exceeded their useful life or failed due to lack of adequate maintenance. The TWDB may request the applicant provide a sealed response from a licensed professional engineer to assist the TWDB in making its determination. For projects addressing contamination levels in excess of water

quality standards, the system must currently be in noncompliance with TCEQ requirements and the proposed project must be designed to bring the system into compliance to the extent financially practical. Funds will not be provided for acquisition or construction in a Special Flood Hazard Area in a community that the Federal Emergency Management Agency (FEMA) considers a sanctioned jurisdiction or area.

Amount of Urgent Need Funding available as Principal Forgiveness

Entities may be eligible to receive 100 percent of the total project cost in principal forgiveness up to the amount specified in the chart below. The maximum amount of principal forgiveness that an entity may receive per project is based on eligibility for Disadvantaged Community funding as described in Appendix D.

Maximum Amount of Principal Forgiveness per Project / Entity	Disadvantaged Community - Principal Forgiveness Eligibility Percentage Level
\$500,000	0% - Project Not Eligible Under Disadvantaged Community Criteria.
\$800,000	70%

In addition, a particular recipient may only receive the maximum eligible amount in principal forgiveness under Urgent Need in a program year for all of its projects. Entities that previously received principal forgiveness under the Urgent Need funding option for a particular project may not receive additional principal forgiveness for that project if the total amount of principal forgiveness provided under the Urgent Need funding option would exceed the amount specified in the chart above. The definition of a “project” includes the planning, acquisition, design and construction phases.

If eligible project costs that would have qualified for Urgent Need exceed the maximum principal forgiveness allowable or available for the project, the entity may receive funding for the remainder with an interest rate of zero percent for the term of the financing. For disaster recovery, special terms and conditions on loan/bond financing, including the repayment terms, may be available that are not offered under other funding options.

Any commitment receiving Urgent Need funds will be considered non-equivalency funds, even if the project concurrently receives Disadvantaged Community funds.

Amount of Urgent Need funding available with an Interest Rate of Zero Percent

To ensure the long-term viability of the program, the amount of funding made available for Urgent Need projects with an interest rate of zero percent for SFY 2024 is \$3 million, or such other higher amount as the TWDB Executive Administrator may

establish consistent with maintaining the DWSRF in perpetuity and any other appropriate factors. The funds will be obligated only as the TWDB Board makes commitments. Any unallocated zero interest rate funding may be allocated to another funding option offering zero percent funding.

#### Urgent Need Principal Forgiveness Set-asides

The TWDB will set aside \$2,000,000 of principal forgiveness to address contaminants such as lead, radionuclides and arsenic and its Securing Safe Water initiative as described in Section XII. Reserved funds not allocated by March 1, 2024 for entities and projects that qualify for this set-aside may be reallocated to other projects.

#### Mitigation

Facilities being replaced or repaired for an Urgent Need disaster recovery project must be built to mitigate future damage and destruction, to the extent it is practical based on the nature of the project activities.

#### Co-funding

DWSRF funds may only be used for project costs that are reasonable and necessary and must not result in the entity receiving a duplication of benefits from other sources, including the U.S. Housing and Urban Development Community Development Block Grant (CDBG) Disaster Recovery or FEMA grant funds. A duplication of benefits occurs when an entity receives and permanently retains funding to cover the same cost from more than one entity or source. Reimbursement of interim financing is not a duplication of benefits. Entities that anticipate being reimbursed for a portion of their project with a federal source such as the Federal Emergency Management Agency's Public Assistance funding must follow the federal procurement rules found in 2 CFR Part 200 and other federal requirements.

#### **f. Asset Management (Preparation of Asset Management tools) – Bonds/Loans (Equivalency or Non-Equivalency)**

An eligible entity, not just small system, may be eligible for up to \$100,000 with an interest rate of zero percent to prepare all of the Asset Management / Financial Planning tools required in the current Asset Management Program for Small Systems (AMPSS) initiative's Scope of Work and deliverables as described in Section XII. The AMPSS initiative's scope of work now requires a section on emergency preparedness, weatherization, and resiliency. The entity's asset management program may include enhancements or tools that extend beyond the minimum requirements of the AMPSS program's Scope of Work. Any zero percent funding would be blended with any other repayable SRF financial assistance to create one interest rate on the bond or loan. The maximum amount available for this option and the zero percent funds for implementing AMPSS-like tools in SFY 2024 is \$2,000,000 (excluding the additional funds for the rounded bond increment and

associated fee that may also be financed at zero percent). Allocation of any available funding at an interest rate of zero percent for this option would occur concurrently with the allocation of any other funding for the project. Any unallocated zero interest rate funding may be allocated to another funding option offering zero percent funding.

**g. Asset Management – (Implementation of Asset Management Plans) – Bonds/Loans** (Equivalency or Non-Equivalency)

A small system eligible under AMPSS may receive up to \$500,000 at zero percent (0%) for a portion of the total TWDB funding for a project if it has implemented substantially all of the Asset Management / Financial Planning tools required in the current AMPSS initiative's Scope of Work and deliverables as described in Section XII and the proposed project is included in its current plan. The AMPSS initiative's scope of work now requires a section on emergency preparedness, weatherization, and resiliency. The small system's asset management program may include enhancements or tools that extend beyond the minimum requirements of the AMPSS initiative's Scope of Work. The total amount of funding available in SFY 2024 at zero percent for implementation of asset management tools is included in the total of \$2,000,000 for asset management incentives. Any unallocated zero interest rate funding may be allocated to another funding option offering zero percent funding.

**h. Bond/Loan Funding** (Equivalency or Non-Equivalency)

All entities listed on a PPL that are invited to submit applications are eligible to receive funding through the TWDB's purchase of the entity's bonds or through a loan agreement as allowed under the entity's governing law.

An origination fee of 2.0 percent 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 principal forgiveness concurrently with a bond or loan. The entity may also be eligible for a maximum repayment period of 30 years provided the extended term reserve has not been met.

An amount equal to the additional subsidization and zero interest loan funding from any category that was not allocated may be used for regular bond/loan funding.

**i. SRF-funded Projects with Project Cost Increases** (Non-Equivalency)

The TWDB will reserve \$18,000,000 in loan/bond funding for active DWSRF-funded projects with project cost increases. TWDB will allocate available funds on a case-by-case basis considering all relevant information. Only the amount necessary for a viable project will be considered under this option. Highest priority will be for active DWSRF projects that are in the construction phase versus the design phase and

need additional funds to complete the approved project due to cost increases, including those projects actually under construction for a related portion of the overall project. Priority will be for those projects under have at least bid out a portion of the construction project to determine the cost and dollar amount needed. As a lower priority other factors such as characteristics of the project proposal or entity may be considered if necessary. The regular interest rate reduction methodology will apply to this financing. TWDB may limit the amount provided to an entity or project. Funds will be offered as Non-Equivalency regardless of the original type of DWSRF funding provided to the project.

## **2. Loan Reserve for Project Impact/Health Issues only**

The TWDB may reserve up to \$75,000,000 of loan funding capacity based on project impact/health issues only (includes all scoring criteria related to health and compliance, physical deficiencies, consolidation, along with criteria applicable to all eligible projects, but excludes Disadvantaged Community/affordability additional points). This will ensure that at least a portion of the total loan capacity for SFY 2024, but not additional subsidization/principal forgiveness capacity, is provided to all eligible types of entities. A project funded under this reserve may not have received fewer points for the project impact criteria than the lowest scoring disadvantaged community project that was offered principal forgiveness under the Disadvantaged Community option. This would ensure all types of entities have an opportunity to receive at least loan funding. At the same time it would ensure that a non-disadvantaged project with a lower project impact/health issues score would not receive funding over a disadvantaged project with a higher project impact/health issues score.

## **3. Terms of Financial Assistance**

Loans may be offered for a term of up to 30 years for the planning, acquisition, design, and/or construction phases. For the purchase of bonds, up to 75 percent of available funds according to TWDB determined guidelines and in accordance with the SDWA may be offered with a term of up to 30 years. The remainder of available bonds purchased may be offered for a term up to 20 years. The term of financial assistance offered may not exceed the expected design life of an eligible project. The TWDB may allow principal and interest payments on a bond or loan to commence not later than 18 months after completion of the project, if considered appropriate as determined by the Executive Administrator.

## **4. Federal Requirements on Available Funds**

Funds are subject to federal requirements such as Davis-Bacon Act prevailing wages and American Iron and Steel provisions. DWSRF-funded projects must follow any applicable federal “cross-cutter” law and EPA grant agreement requirement as outlined in Appendix E.

A portion of the DWSRF funds, in an amount at least equal to the federal capitalization grant, must follow all federal cross-cutters. These DWSRF-funded projects are referred to as Equivalency projects. The federal cross cutters that apply to Equivalency projects include compliance with BABA and EPA's Disadvantaged Business Enterprise program administered by TWDB. Equivalency projects receive an additional interest rate reduction over the reduction for non-equivalency projects. (see Appendix E for details of Federal Requirements)

## **VII. Goals**

The primary goal of the Texas DWSRF program is to improve public health protection. In addition, the overall goals of the Texas DWSRF program are to identify and provide funding for maintaining and/or bringing Texas' PWSs into compliance with the SDWA; to support affordable drinking water and sustainability; and to maintain the long-term financial health of the DWSRF program fund. Specific goals to achieve those ends are listed below.

### **A. Short-Term Goals**

1. Encourage the use of green infrastructure and technologies by offering principal forgiveness for green infrastructure, energy efficiency, water efficiency, or environmentally innovative portions of projects and allocating an equivalent of 10 percent of the capitalization grant to approved green project costs.
2. Offer terms of up to 30 years for the planning, acquisition, design, and/or construction for up to 75 percent of available funds in accordance with TWDB determined guidelines and the SDWA.
3. Increase the amount of DWSRF program funding available by leveraging the program as necessary to meet the demand for funding additional drinking water projects.
4. Continue to enhance the DWSRF by cross-collateralizing the program with the Clean Water State Revolving Fund (CWSRF) program in accordance with state and federal law.
5. Enhance our current level of outreach on the SRF programs by hosting virtual or in person regional financial assistance workshops in conjunction with the continued use of social media.
6. Assist water systems with urgent needs through financial assistance in the form of principal forgiveness and loans with an additional interest rate subsidy from the Urgent Need reserve.
7. Provide outreach, technical assistance and special allocations of funding to reduce the number of public water systems with unresolved health issues as part of the Securing Safe Water initiative.



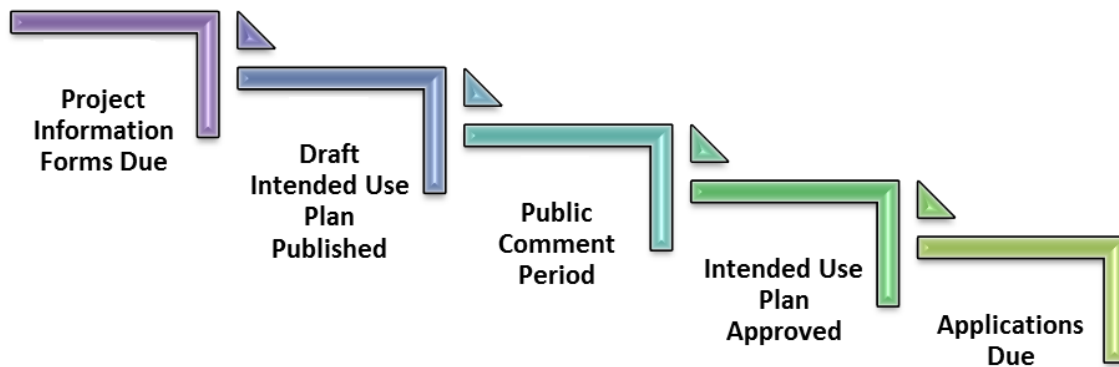
8. Continue to implement the TWDB's AMPSS and CFO to Go initiatives.

## B. Long-Term Goals

1. Maintain the fiscal integrity of the DWSRF in perpetuity.
2. Employ the resources in the DWSRF in the most effective and efficient manner to protect public health and assist communities in maintaining compliance with SDWA requirements 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 SDWA by meeting the demands for funding eligible water projects by providing financial assistance with interest rates below current market levels and with Additional Subsidization.
4. Support the development of drinking water systems that employ effective utility management practices to build and maintain the level of financial, managerial and technical (FMT) capacity necessary to ensure long-term sustainability.

## VIII. Participating in the DWSRF Program

Below are the major steps in the production of the initial IUP for SFY 2024.



### 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 financial assistance workshops held throughout the State. Potential applicants submitted PIFs by the response deadline of March 3, 2023.

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.

Any survey being used for income determination must be completed within five years of the date the TWDB receives the PIF.

#### **B. Updating Projects from the Prior Intended Use Plan**

For SFY 2024, 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 received an initial review by TWDB staff. The TWDB evaluated submissions requesting eligibility for disadvantaged community status using the affordability criteria, which is described in detail in Appendix D. The TWDB rated projects based on effective management criteria presented in Appendix C. The scores are based on information received by any established PIF deadline. Throughout the evaluation process, entities were contacted by staff if additional information was needed for clarifying their eligibility for disadvantaged status or effective management points.

Concurrent with TWDB's rating process for disadvantaged community status, effective management, and Planning, Acquisition, and Design (PAD) projects, TCEQ performed the priority rating for water system projects. The general rating criteria for projects are 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 Water System Projects

- Health and Compliance – factors regarding public health concerns/issues or violations of Maximum Contaminant Levels (MCLs) pursuant to 40 Code of Federal Regulations Part 141 (see Appendix C)
- Secondary Compliance – factors regarding secondary chemicals and/or physical deficiencies (see Appendix C)
- Effective Management – factors relating to the implementation of effective management practices (see Appendix C)
- Affordability / PAD – factor applied to an entity that qualifies as a disadvantaged community or had TWDB PAD financing for the project (see Appendix D)

## 2. Rating Criteria for Source Water Protection Projects

- Groundwater System Vulnerability – factor relating to vulnerability of groundwater systems (see Appendix C)
- Surface Water System Vulnerability – factor relating to vulnerability of surface water systems (see Appendix C)
- Effective Management – factors relating to the implementation of effective management practices (see Appendix C)
- Affordability / PAD – factor applied to an entity that qualifies as a disadvantaged community or had TWDB PAD financing for the project (see Appendix D)

## 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-raking are:

1. The applicant for a proposed project changes but the project does not change;
2. The number of participants in a consolidation project changes and the change does not result in a change to the combined rating factor; and
3. The fundable amount of a proposed project does not increase by more than 10 percent of the amount listed in the approved IUP. The Executive Administrator may waive the 10 percent 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 DWSRF, 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 2024. The phases indicated on the IIPL represent the phases deemed eligible based on that review.

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 same number of points, or higher, 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 2024 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 in SFY 2024. 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 2024, 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, that statutory and capitalization grant requirements are met, including federal additional subsidization requirements, and there is an equitable distribution of loan funds. 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 for Invited Projects**

### **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**

Projects that were determined to be ready to proceed to construction based on the current status of their planning, acquisition, and design activities.

### **3. Planning, Acquisition, and Design**

A project that 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.

### **4. Viability and Feasibility of Projects**

A project must demonstrate to the TWDB that it is viable, feasible, and sustainable prior to being invited to submit an application and prior to receiving a commitment for any funding option, including additional subsidization/principal forgiveness, for the acquisition, design or construction phases of the project. A project may receive funds for the planning phase to assess the viability and feasibility of a project, including funds to prepare an asset management plan.

## **G. Invitations and Application Submissions**

Entities with projects on the IIPL will be informed of the opportunity to submit an application for the project phases shown on the list using the available funding options. An entity on the list may not submit an application until it receives an invitation from TWDB. TWDB will consider the need to meet the minimum federal additional subsidization requirements when deciding whether it needs to bypass projects on the IIPL.

### Intent to Apply

As part of the invitation process the TWDB may require the applicant to submit an intent to apply form or information by a specified deadline showing the applicant's intent to request up to the eligible amount of funding in the IUP. Failure to submit the requested intent to apply information by the established deadline will result in TWDB bypassing the project on the IUP list.

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 IIPL that are received during the initial invitation round after Board approval of the IUP will be allotted available 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 reallocated 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.

Projects may be bypassed if an applicant fails to timely submit a complete application or additional requested information.

#### Deadline for Receipt of Invitation

The TWDB will establish a deadline for receipt of the application. If the application is not received by the established deadline, the project will be bypassed.

#### Subsequent Invitations

After the initial invitation period, if any funds remain unallocated then other projects on the PPL will be invited in rank order. Applicants may submit a PIF at any time for a project to be considered for inclusion on the amended PPL. The new projects will be considered after those on the original PPL list have been invited. Amendments to the project lists will undergo a 14-day public review period that will be advertised on the agency website. Projects requesting Urgent Need funding may undergo a 7-day public review period if the TWDB determines it is necessary to protect public health and safety.

### **H. Addressing Any Water Loss Mitigation within the Application**

If an applicant that is a retail public utility providing potable water has a water loss that meets or exceeds the threshold for that utility in accordance with §358.6 of Title 31, Part 10, Texas Administrative Code, the retail public utility must use a portion of any financial assistance received from the DWSRF, or any additional financial assistance provided by the TWDB, 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. Self-Certification for Certain Systems Serving 500 or Fewer Persons**

The Water Infrastructure Improvements for the Nation Act (Public Law 114-322) requires DWSRF assistance recipients serving 500 or fewer persons to consider publicly-owned wells (individual, shared or community) as an option for their drinking water supply. Any applicable project involving the construction, replacement or rehabilitation of a drinking water system which is not already using a publicly-owned well for the source are

required to self-certify. If the community already uses a publicly-owned well (including a privately-owned well for a public water system) and the project does not involve a new water source, then the self-certification is not needed. The self-certification is only for projects which do not involve a publicly-owned well source to ensure that this was one of the water supply options considered but not selected as the best alternative.

#### J. Commitment Timeframes for Projects with Additional Subsidization 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. If an applicant does not submit an application by the established deadline and then proceed through the application process and obtain a funding commitment within the timeframes listed below, the Additional Subsidization may be reallocated to another eligible project. In extenuating circumstances, if the application was received by the established deadline then TWDB may grant an extension of time for obtaining a commitment if an applicant demonstrates sufficient reason for a delay.

<b>Additional Subsidization Type</b>	<b>Commitment Deadline</b>
Disadvantaged Community	4 months
Disadvantaged Community – Small / Rural only	4 months
Green Subsidy	4 months
Very Small Systems	4 months
Urgent Need	3 months

#### K. Closing Deadlines

The deadline to close a commitment is dependent on whether the commitment includes Additional Subsidization. Commitments that include only additional subsidization must close within four months from the date of commitment. All commitments that include additional subsidization 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 additional subsidization funding must close within one year from the date of commitment. In extenuating circumstances, the Board may grant extensions of time to close if an applicant demonstrates sufficient reason for a delay. The TWDB may extend these closing deadlines if necessary to conform to the closing schedule for concurrent financing for the project from another TWDB financing program.

<b>Type of Financial Assistance</b>	<b>Closing Deadline</b>
Commitments that include only additional subsidization	4 months
All commitments that include additional subsidization and bonds/loan	6 months
All commitments for bonds/loan without any additional subsidization	12 months

## **L. Limits**

### **1. Principal Forgiveness per Project**

The maximum amount of principal forgiveness that may be committed to a project under the SFY 2024 IUP from all funding options is \$10,000,000. The definition of a “project” for SFY 2024 includes the planning, acquisition, design and construction phases. A project consists of all eligible activities directly linked in purpose, place, and time.

### **2. Proportionate Share/Capacity**

The TWDB may limit the amount of total funding, loan/bond financing, or additional subsidization available to an individual entity or project based on a proportionate share of total funds available. The maximum loan/bond commitment amount a project may receive under the SFY 2024 IUP is \$49 million (15% of loan/bond capacity). However, after the TWDB has met all additional subsidization requirements, if loan/bond capacity remains available then the TWDB may increase the maximum as the Executive Administrator determines is appropriate. The TWDB may elect to provide financing in excess of the capacity level if the Board approves the increase consistent with maintaining the DWSRF in perpetuity and after consideration of other relevant factors.

### **3. Equivalency funding limits**

For SFY 2024, the maximum initial amount of equivalency funds made available is \$339 million. The TWDB may elect to provide financing in excess of these initial capacity levels if the Board approves the increase consistent with maintaining the DWSRF in perpetuity and after consideration of other relevant factors or the special disadvantaged community calculation is utilized.

### **4. 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 IUP unless Additional Subsidization funding is available.

### **5. Cost Overruns After Closing**

TWDB may use up to \$18,000,000 of loan/bond funding reserved for active DWSRF-funded projects with project cost increases. TWDB will allocate available funds on a case-by-case basis considering all relevant information as described in Section VI(1)(i) of the IUP.



## **6. Reduction in Closing Amount**

For commitments that consist of both principal forgiveness and loans/bonds, if the closing amount is reduced from the commitment amount, then the principal forgiveness amount for the closing will be reduced on a pro rata basis. Any remaining principal forgiveness may be applied to subsequent closings of the remaining commitment amount, subject to the closing requirements of paragraph K of this section.

## **M. Leveraging to Provide Additional Funding**

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

## **N. 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.

## **O. Transfer of Funds**

### **1. Reserving Transfer Authority for Future Use**

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

### **2. Ongoing cash flow transfer mechanism**

The TWDB may transfer in accordance with the authority in Section 302 of the SDWA up to \$200,000,000 of funds derived from repayments between the CWSRF and DWSRF. No grant funds would be transferred under this standing transfer mechanism. Funds derived from repayments from each SRF may flow from one SRF to the other SRF in both directions throughout the year. This mechanism will use surplus funds in one SRF to temporarily meet loan demand in the other SRF. It will achieve savings by eliminating issuance costs from bond sales that would otherwise be necessary to meet cash flow demands in a particular SRF. The actual amount TWDB transfers at any time throughout the year will be based on the cash flows needs of the each SRF program. TWDB will track the transfers on an absolute basis for reporting purposes and also a net basis to ensure the net amount of transfer does not exceed the limit under law of thirty-three percent of the respective program's capitalization grants. This will result in a positive impact on funds being available to finance projects in both SRFs. The SRF that receives the funds will be able to fund projects more efficiently and rapidly. The

transferred funds will be returned to the originating SRF so it will be able to meet its project funding needs. In addition, because both SRFs are leveraged they may borrow funds to finance projects if necessary. The long-term impact on both SRFs is positive because of the improved operational efficiencies and ability to achieve program savings. The TWDB will include any amount that was transferred in SFY 2024 in the DWSRF program's SFY 2024 Annual Report. (See Appendix E for the calculation demonstrating that \$200,000,000 may be transferred in accordance with Section 302 of the SDWA Amendments of 1996.) Similarly, the TWDB may transfer IIJA funds between the DWSRF and CWSRF programs in an amount up to thirty-three percent (33 percent) of the DWSRF program capitalization grant amounts provided under the IIJA.

#### **P. Updates to the Intended Use Plan**

Substantive changes to the IUP may 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.

### **IX. Set-Asides**

Federal regulations allow states to set aside up to 31 percent of the capitalization grant funds for purposes other than financing construction projects for water systems. The set asides for SFY 2024 capitalization grants for general activities will be allocated as shown below.

#### **A. Texas Water Development Board Administration and Technical Assistance Activities**

The SDWA allows a state to set aside funds to cover the reasonable costs of administering the DWSRF and to provide technical assistance to public water systems. The amount that may be taken for these purposes is the amount of any fees collected by the State, regardless of the source; and the greatest of (1) \$400,000, (2) one-fifth of one percent of the current valuation of the DWSRF (both loan and set-asides), and (3) an amount equal to four percent of all grant awards to the DWSRF for the particular fiscal year.

The TWDB will draw administrative and technical assistance set-asides from the FFY 2023 Capitalization Grants in the amount of \$8,289,440. An additional \$32,480 of administrative and technical assistance set-aside will be taken from the FFY 2021 reallocated funds. This amount is based on the option of using four percent of the FFY 2023 and reallocated FFY 2021 capitalization grants for general activities. These funds will be used for allowable expenses such as reporting activities, payment processing, application assistance, project development and monitoring, and technical assistance to public water systems. In addition, the TWDB assesses fees for the purpose of recovering administrative costs. These fees are placed in a separate account for future administrative expenses. The fees are generated by an assessment of 2.0 percent of the portion of the DWSRF financial assistance that is repaid and is assessed at closing. Fees collected will be deposited into the Administrative Cost Recovery Fund.

Federal regulations governing the DWSRF program permit a state to reserve its authority to take an amount equal to 4 percent of the current year's grants from a future grant to defray the cost of administering the program. The TWDB, as it has done since SFY 1998, is reserving that authority.

## B. Texas Commission on Environmental Quality Activities

Funds from the capitalization grants from FFY 2023 annual appropriations, reallocated FFY 2021 funds, and IIJA General Supplemental appropriations in the amount of \$15,921,720 may be used in SFY 2024 for TCEQ Set-Aside general activities.

Remaining funds from previous DWSRF grants, except for funds for Local Assistance and Other State Programs, may also be used in SFY 2024.

Annual appropriations general activities grant funds may be used in SFY 2024 as follows:

State Program Management Set Aside from FFY 2023 annual appropriations grant	\$3,936,900
Small Systems Technical Assistance Set Aside from FFY 2023 annual appropriations grant	\$787,380
Local Assistance and Other State Programs Set Aside from FFY 2023 annual appropriations grant	\$4,100,000
<b>Total TCEQ Set-Aside amount from FFY 2023 annual appropriations grant for general activities</b>	<b>\$8,824,280</b>

IIJA General Supplemental grant funds may be used in SFY 2024 as follows:

State Program Management Set Aside from FFY 2023 IIJA General Supplemental	\$7,000,000
<b>Total TCEQ Set-Aside amount from FFY 2023 IIJA General Supplemental for general activities</b>	<b>\$7,000,000</b>

FFY 2021 reallocated funds from another state may be used in SFY 2024 as follows:

State Program Management Set Aside from FFY 2021 reallocated funds	\$81,200
Small Systems Technical Assistance Set Aside from FFY 2021 reallocated funds	\$16,240
<b>Total TCEQ Set-Aside amount from FFY 2021 reallocated funds for general activities</b>	<b>\$97,440</b>

A detailed description of SFY 2024 activities for all three grants may be found in TCEQ's DWSRF Set-Aside Work Plans. Activities are expected to be completed by August 31, 2024.

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

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

#### **D. Other set-aside funds, including capacity development**

The TWDB may take up to \$5,000,000 of the supplemental IIJA funds for capacity development or other eligible uses. All other set-aside authority from the grants is reserved.

### **X. Financial Status**

As of August 31, 2022, the DWSRF had assets of \$2,406,935,808.77, liabilities of \$875,197,703.28, with a net position of \$1,531,738,105.49. The total amount of funding available for SFY 2024 is set at \$435,066,830. The amount of capitalization grant provided from FFY 2023 annual appropriations is \$39,369,000 with a required state match of \$7,873,800 (20%) and amount of capitalization grant from FFY 2023 IIJA appropriations is \$167,867,000 with a required state match of \$16,786,700 (10%). An additional \$812,000 of FFY 2021 reallocated funds from another state, with a state match of \$162,400, are included in the total for SFY 2024. The combined capitalization grants from all three grants covered in this IUP is \$208,048,000 with a combined required state match of \$24,822,900. The TWDB uses loan repayments and borrowed funds to provide the additional capacity above the grant amounts. The TWDB will comply with the requirements associated with the FFY 2023 allotments under this SFY 2024 IUP. For the reallocated FFY 2021 grant funds, it will comply with the FFY 2021 requirements, except for the revised minimum additional subsidization requirements from IIJA.

#### **A. 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 may be appropriated funds or proceeds of bonds sales.

#### **B. Binding Commitment Requirement**

For each respective grant and based on the required state match, the TWDB will enter into binding commitments with entities for the required percentage of the amount of a FFY 2023 or reallocated FFY 2021 grant payment allocated to projects within one year after the receipt of the grant payment. However, the excess balance of cumulative prior binding commitments are banked towards the binding commitment requirements associated with these grant payments. The excess binding commitments for the base program may be used to fulfill the binding commitment requirement for the FFY 2023 annual appropriations grant, supplemental IIJA General Activities grant, and the reallocated FFY 2021 grant. A binding commitment occurs when the TWDB's Board adopts a resolution to commit funds to a project.

#### **C. Leveraging**

The DWSRF program will be leveraged as necessary to provide funds to meet the needs of public water systems in the state. The TWDB will leverage funds through the issuance of debt obligations in accordance with a Master Resolution and supplemental resolutions covering the issuance of each bond series.

#### D. Cross-collateralization

On March 1, 2018, the TWDB has cross-collateralized the CWSRF and the DWSRF as a source of revenue and security for the payment of the principal and interest on bonds for the DWSRF and CWSRF programs. State authority is provided under Section 15.6042 of the Texas Water Code. The TWDB has received a certification from the state Attorney General that state law permits the TWDB to cross-collateralize the assets of the CWSRF and the DWSRF. Cross-collateralization of the CWSRF and DWSRF will enhance the ability of the DWSRF to leverage its funds and increase its lending capacity without detriment to either of the SRF programs.

1. Summary of the cross-collateralization structure:
  - a. The type of moneys which will be used as security – Pledged Political Subdivision Bonds and certain other funds included in the Master Resolution (program account, portfolio account, and revenue account) will secure the bonds.
  - b. How moneys will be used in the event of a default - In the cross-collateralized scenario, Political Subdivision Bonds from the non-defaulting program will be used to cover the debt service delinquency on the defaulting program. If, for any reason, insufficient Political Subdivision Bonds exist in both programs, then program equity will be utilized.
  - c. Whether or not moneys used for a default in the other program will be repaid; and, if it will not be repaid, what will be the cumulative impact on the funds. While a decision to repay or not repay would be made at the time of default, the TWDB would either require repayment when funds are available or transfer repayment funds.
2. Proportionality – The proceeds generated by the issuance of bonds will be allocated to the purposes of the CWSRF and the DWSRF in the same proportion as the assets from the two funds that are used as security for the bonds.
3. State Match – In accordance with Texas Water Code §§ 17.853(c)(1) and 17.859, the TWDB intends to provide state match through the issuance of one or more revenue bonds in a program series that will fund the two SRF programs. Supplemental bond resolutions for the issuance of each series will provide detail on what specific money is pledged as security for each program (CWSRF or DWSRF) within the series. As required, the CWSRF and DWSRF will continue to be operated separately. The cash flows for the DWSRF program and the CWSRF program will be accounted for separately. Repayments on loans in the CWSRF program will be paid to the CWSRF and repayments on loans made in the DWSRF program will be paid to the DWSRF.

Similar to other states' financing methods where state match is not provided by appropriation and is instead generated through debt issuance, the TWDB cross-collateralization structure allows the TWDB to retire bonds for the State Match with interest earnings payments only, not principal, earned from each SRF in accordance with 40 CFR § 35.3550(g)(3).

## **E. Inter-fund Loan / Investment**

During SFY 2024, the TWDB may invest funds from the CWSRF in the DWSRF in an amount not to exceed \$150 million. If the TWDB elects this option, it will execute an inter-fund loan agreement between the CWSRF and the DWSRF with a term that will not exceed three years. Any CWSRF recycled funds deposited in accordance with the inter-fund loan agreement would be used exclusively for DWSRF eligible purposes. The TWDB would also issue a reimbursement resolution providing for repayment of funds to the CWSRF using the proceeds of a DWSRF bond issuance once the DWSRF program is leveraged. The TWDB received EPA approval for this option on March 8, 2017. (This option is different than the ongoing cash flow transfer mechanism described earlier.)

## **F. Method of Cash Draw**

EPA has revised its cash draw policy as described in “Class Exception from the Clean Water and Drinking Water State Revolving Fund Cash Draw Rules”, dated November 18, 2022. Therefore, TWDB will draw federal funds using acceptable evidence of expenditures.

## **G. Long-Term Financial Health of the Fund**

The long-term financial health of the DWSRF is monitored through ongoing cash flow and capacity modeling. The TWDB lending rate policy has been established to preserve the corpus of the capitalization grants and state match funds, excluding the amount of additional subsidization, set-aside amounts from each grant, and net transfers. The TWDB will continue to manage the DWSRF to ensure funds will be available in perpetuity for activities under the SDWA.

## **H. Interest Rate Policy**

The interest rate will be a percentage reduction from the Thomson Reuters Municipal Market Data (MMD) rate adjusted for yield to maturity that is applicable to the entity’s rating, with non-rated entities using the Baa rate, as follows:

- (a) Equivalency projects: 35% reduction
- (b) Non-Equivalency projects: 30% reduction

Exclusions from interest rate reduction methodology - the interest rate reduction methodology does not apply to any portion of financing that is offered at zero percent (0%). The full benefit of the 0% financing under the respective special funding option will be incorporated into the total of the maturities for bonds or the total loan payments for loans.

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, but may be based on interest rate levels determined as of an earlier date, and are in effect for forty-five days.

**I. Fees**

The only fee is an origination fee of 2.0 percent that is assessed at closing. Fees are not deposited into the DWSRF. The accumulated fees may be used for any eligible activity, including administrative costs, such as project initiation, implementation and oversight, long-term financial monitoring, and Special Program Initiatives described in Section XI. The balance of funds within the fee account as of August 31, 2022, was \$51,070,733.

**J. EPA Program Evaluation Report and Audit**

EPA has conducted an annual program review of the DWSRF program for SFY 2022 and will send their final report to TWDB upon completion.

The Texas State Auditor's Office published the results of the SFY 2022 Single Audit of the DWSRF on February 27, 2023 (Report 23-315). There were no findings as a result of the review.

**XI. TWDB Special Program Initiatives****1. Asset Management Program for Small Systems (AMPSS) Initiative****Purpose and Overview:**

Smaller water and wastewater utilities often operate reactively rather than proactively, usually due to a lack of resources and planning tools. For some of the smaller utilities, system components are replaced only after failure, while system expansion occurs only as requested by users or mandated by regulatory agencies. The TWDB has developed and implemented an initiative to assist these water and wastewater utilities in creating a plan for managing their systems in a financially and technically sustainable manner by delivering management tools developed by the Texas Commission on Environmental Quality (TCEQ). TWDB will contract with qualified entities to evaluate the existing system and create an asset management plan in accordance with the guidelines created by TCEQ's Small Business and Governmental Assistance Section. This plan will become the basis for planning for system sustainability by identifying replacement dates and estimated costs, developing best practices for operation and maintenance, and developing financial plans for obtaining funding for future needs.

The system will receive the following tangible assistance:

- a. Asset Management Plan.
- b. System Operations and Maintenance Manual.
- c. Training for system management and staff.
- d. A Compliance Manual.
- e. Installation of all tools that were developed on the system's computer system.
- f. Presentation to system management and governing body

### Funding – Administrative Costs

The funds to cover the contracted services for these smaller systems come from origination fees from the CWSRF and DWSRF. The TWDB considers the planned activities to be administrative activities under the CWSRF program and administration / technical assistance under the DWSRF program. The benefit to wastewater systems would be covered through CWSRF origination fees while projects that benefit water systems would be covered through DWSRF origination fees.

- a. The TWDB will pay not more than \$100,000 per project.
- b. Match - There is no match requirement for the system; however, the system will be required to contribute 80 hours of staff participation to the development of the plan. (TWDB may waive the required contribution requirement if the TWDB determines it would constitute a serious hardship on the operations of a system with only a few or no full-time staff.)

### Systems to be Assisted

Eligible system(s) are defined for the purpose of this program as those (a) having 5,000 service connections or less, or (b) having a population of 10,000 or less and located outside the boundaries of any municipality with a population greater than 10,000 or its extraterritorial jurisdiction; and (c) eligible for funding from either the Drinking Water State Revolving Fund or Clean Water State Revolving Fund.

### Selection of Contractors

The TWDB may select multiple contractors according to qualifications that are specified in an RFQ. The procurement process will follow all state procurement laws and requirements, including use of Historically Underutilized Businesses. Participant systems will choose a contractor to work with from a list of pre-qualified contractors compiled by the TWDB.

### Scope of Work to be Performed by Contractors for Selected Systems

The work must meet the following requirements:

- a. Asset Management – (1) Conduct a system evaluation (asset identification, location, and date of service or approximate age), as needed, resulting in an inventory of the system and prioritization of assets, (2) develop a comprehensive plan for managing system assets, (3) develop a budget for managing system assets, (4) develop an implementation plan, including a time schedule, for implementing and updating the asset management plan, and (5) determine whether a rate study is necessary. A map of the system, showing service area, water or wastewater lines, and critical assets of the system should be created as part of the asset management plan. This map should be digital, allowing for updates to be made in the future, and a physical copy of the map should be printed and given to the system as well.

The resulting asset management plan must fulfill the general requirements of a Fiscal Sustainability Plan as outlined in the Federal Water Pollution Control Act.



Further, the section of the asset management plan that discusses funding sources must identify current TWDB financial assistance programs, including the CWSRF and DWSRF programs as applicable, that may be utilized to meet the system's needs. The asset management plan must include an analysis of whether current utility rates would provide adequate revenue to meet future system needs but it does not have to include a full rate study that establishes a new rate structure.

Additional recommendations and guidance must be discussed and included in the asset management plan to assist utility staff in communicating to the System's governing body the importance of infrastructure investments and ongoing comprehensive maintenance System. The recommendation must include strategies for using the asset management plan and visual aids to communicate the System's short-term and long-term needs to an audience that is less technically versed in water and wastewater System operations

b. Emergency Preparedness/ Weatherization/ Resiliency – Identify assets critical to the operation of the System and determine their ability to remain functional in adverse weather and prolonged electrical grid outages. Identify recommendations related to emergency preparedness and operations. Update and include in the final report, Emergency Preparedness Plans for the System.

c. For Water Systems: Source Assessment and Planning - Identify the system's drinking water source, develop any appropriate best management practices for sustaining the source (at a minimum develop or update the system's conservation and drought contingency plans), and, identify options for alternative sources, if they are needed. It will discuss plans for water conservation and detecting and minimizing water loss.

For Wastewater Systems: Sustainable Systems - Create a plan to manage the system more efficiently by conducting an energy assessment of the system and including recommendations for energy-efficiency improvements, and potential public-participation programs.

d. Operations and Maintenance - Create an operations and maintenance manual for the system that includes a plan for scheduling and performing preventative and general maintenance. The plan may identify other resources available to the system such as TCEQ's Financial, Managerial, and Technical Assistance program.

As part of the operations and maintenance manual, two separate "quick-guides" for operators and utility staff must be developed. The first guide must include a concise list of the maintenance activities required on a daily, weekly, monthly, quarterly and annual basis to maximize the useful life of the assets and keep them in optimal working order. The second guide must include a concise list of the operational processes required on a daily, weekly, monthly, quarterly and annual basis to maintain required levels of service and ensure compliance with applicable rules and regulations. These guides must resemble checklists that can be easily used in the field.

An executive summary of the operations and maintenance of the water or wastewater system must also be included with the operations and maintenance manual. This executive summary should be a high-level summary of the operations and maintenance

activities required to keep the system functioning properly. The target audience of this executive summary is a new employee needing to get up to speed on the operations and maintenance of the system as quickly as possible.

e. Compliance - Conduct a minimum of one training session for the system's management and staff on monitoring, reporting, and record-keeping requirements, the TCEQ's investigation and enforcement process (including an enforcement scenario) and develop a compliance manual that includes copies of all required reports, compliance checklists and tables for keeping track of State and/or Federal requirements. The compliance manual may be incorporated into the Operations and Maintenance manual.

f. Other Requirements - As part of the project, all tools developed, including spreadsheets and manuals, must be nonproprietary and must be installed on the system's computer system. Key staff members must be trained sufficiently to implement the plan. The TWDB-procured contractor must coordinate development activities, including the training of key system staff members, with the systems' management. Any software used as an asset management tool must be provided to the system at no additional cost during the term of the contract, unless already in use by the system. Any new software that has an ongoing subscription cost must be discussed and agreed upon by the System within the first three months of the contract.

A project kick-off meeting must be conducted, and the contractor must provide a written progress report to the system management and TWDB at least every two months while the project is under development.

The project activities conducted by the TWDB-procured contractor must include at least one presentation to the system's governing body or owner that provides an overview of the developed plans, the benefits to the system of implementing the plans, and any recommendations. The contractor must also facilitate at least one "all-hands" training for staff responsible for the operations of the system, including an explanation of the basic principles of asset management and an overview of the deliverables of the project.

The TWDB-procured contractor must return to the system 12 months after delivery of the final plans to assess the system's implementation progress and provide TWDB and the system's governing body or owner a written analysis of the system's implementation of the plans. After the 12-month follow-up assessment has been completed, the contractor must work with a representative from the system to create and present a presentation on the findings from the report to the governing body of the system. The system representative must conduct all or part of the presentation.

A contract will be prepared and executed between the TWDB and the contractor chosen by the participant system from the pre-qualified list covering the development of the project prior to the contractor initiating any work. The contractor must complete the deliverables of the project, to the satisfaction of the TWDB, within 12 months of the execution of the contract. A memorandum of understanding will be prepared and executed between the

TWDB and the participant system prior to the contractor initiating any work, specifying the expectations of the participant system for the project.

#### Pilot Round:

In the Fall of 2018, a total of \$450,000 was made available from the CWSRF and DWSRF programs for six small systems (three drinking water and three wastewater) in the pilot round to address their system. The work was completed in 2020.

#### Subsequent Rounds:

The TWDB will award additional contracts under this initiative up to the amount of funds available.

#### Reserve of Accumulated Fees:

In the SFY 2023 IUPs, TWDB reserved \$1,000,000 of accumulated DWSRF fees for the AMPSS initiative, along with another \$1,000,000 of CWSRF program accumulated fees, for a total of \$2,000,000. For SFY 2024, TWDB is reserving an additional \$1,000,000 of accumulated DWSRF fees for the AMPSS initiative, along with another \$1,000,000 of CWSRF program accumulated fees, for a total of \$2,000,000. The cumulative total fees reserved is \$4,000,000. This allocation of \$4,000,000 in accumulated fees does not expire with the IUP or state fiscal year. Funds will be used to contract for services to assist small systems develop asset management tools. Additional accumulated fees may be used by TWDB to manage the program, oversee implementation, and promote the benefits of the asset management tools being provided through AMPSS.

#### Reporting:

The TWDB will report on the amount of fees allocated, recipients assisted, and outcomes under this initiative in its Annual Report.

## **2. CFO to Go Initiative**

Similar in concept to the AMPSS program, the TWDB has developed and implemented a pilot program called “CFO to Go” using origination fees collected under the Clean and Drinking Water State Revolving Fund programs. Under this program, the TWDB will contract with Certified Public Accountants (CPAs) to provide technical assistance services to designated recipients of TWDB funding under the State Revolving Fund (SRF) programs. The TWDB will select recipients determined to be in need of special assistance from a CPA to maintain adequate compliance with the requirements of the SRF programs.

The contracted CPA’s anticipated work activities would fall into two broad categories of services for the designated recipients.

First, the contracted CPA would evaluate regulatory and financial assistance covenant compliance procedures in the following areas for designated recipients:

- Activities allowed/unallowed, including compliance with financial instrument covenants,
- Allowable costs/cost principles,

- Federal funding eligibility, and/or
- Financial Reporting.

Second, the CPAs will provide professional services in areas such as the following:

- Advising recipients on the design and implementation of internal control procedures, particularly those addressing Internal Controls Over Financial Reporting in response to control weaknesses identified in audits of Comprehensive Annual Financial Reports and/or in Single Audit Reports and Management Letters (or the equivalent),
- Assisting recipients in the design of procedures for preparing financial statements required by the covenants of loan and other financial commitment documents that require compliance with Generally Accepted Accounting Principles and Generally Accepted Government Accounting Standards. This assistance will not include actually performing the independent audit of the entity's financial statement, or
- Assisting recipients in the identification and interpretation of funding commitment provisions and covenants and best practices related to compliance disclosure.

While these provide examples of the contracted CPA services contemplated at this time, the TWDB may alter the scope of services under this program to reflect the needs of the agency and the recipients.

The expenditures under the CPA contracts will be allocated to the respective SRF programs based on the initial amount provided under existing SRF loans with the designated recipient. The TWDB considers the planned activities to be administrative activities under the CWSRF program and administration / technical assistance under the DWSRF program.

Reserve of Accumulated Fees - The TWDB previously reserved \$500,000 of accumulated DWSRF program fees for the CFO to Go initiative, along with another \$500,000 of CWSRF program accumulated fees, for a total of \$1,000,000. For SFY 2024, TWDB is reserving an additional \$500,000 of accumulated DWSRF fees for the CFO to Go initiative, along with another \$500,000 of CWSRF program accumulated fees, for a total of \$1,000,000. The cumulative total fees reserved is \$2,000,000. This allocation of \$2,000,000 in accumulated fees does not expire with the IUP or state fiscal year. Funds will be used to contract for services to provide technical assistance services to designated recipients of TWDB funding under the SRF programs. Additional accumulated fees may be used by TWDB to manage the program, oversee implementation, and promote the benefits of the technical assistance being provided through CFO to Go.

The TWDB will report on the amount of fees allocated and the recipients assisted under this initiative in its Annual Report.

### **3. Securing Safe Water – Outreach, Technical Assistance and Funding Initiative**

TWDB is in the process of developing and implementing an initiative to reduce the number of public water systems in Texas with unresolved health violations. This initiative will support EPA's Strategic Plan's goal of significantly reducing the number of systems with health violations. Below is an outline of TWDB's overall strategy.

## 1. Funding

In the SFY 2024 IUP, the TWDB has specifically allocated a portion of the available principal forgiveness in the Very Small Systems and Urgent Need funding options for this initiative. In addition to these special allocations, the TWDB will use principal forgiveness, zero-interest loans, and regular low-cost loans from the Disadvantaged Communities, Disadvantaged Communities – Small/ Rural and Urgent Need funding options to support this initiative.

## 2. Outreach & Determining Need

- a. Contacting systems – letters, telephone calls, and notifications of workshops
- b. Site visits
- c. Special workshops
- d. Developing outreach documents or videos

## 3. Technical Assistance

- a. Determining the appropriate first steps for the public water system.
  - b. Application assistance
  - c. Income survey assistance
  - d. Developing technical guidance such as pamphlets and videos
  - e. Partnering with others such as TCEQ
  - f. Facilitating the appropriate involvement of professional entities such as engineering firms to prepare and seal the Project Information Forms and assist with project implementation
4. Based on feedback received, assessing viable long-term options that may be deployed in subsequent years in support of this initiative, including
- a. Consider using the AMPSS and CFO to Go initiatives
  - b. Determine whether a fee-supported program would be beneficial to provide engineering or other assistance
5. Tracking outcomes
- a. Develop special reports to track: Outreach Contacts, Technical Assistance provided, Type of violation, TWDB funding provided, and date removed from TCEQ's list.
  - b. Report outcomes in the Annual Report.

## **4. Technical Assistance in Water Loss Control Initiative**

Using accumulated DWSRF fees, the TWDB will establish a pilot Technical Assistance in Water Loss Control (TAWLC) Initiative in the DWSRF program.

### Program Description

The initiative will target public water systems required to submit annual water loss audits due to an existing or new active financial obligation to the TWDB. The initiative will allow TWDB staff to work with the public water systems one-on-one, providing hands on assistance using a phased approach to focus on:

1. Water loss data development,
2. Water loss data validation and identification of improvement areas, and
3. Implementation of water loss control programs and projects, including financial assistance.

### Phased Approach

The program will phase-in over a three-year period to ensure adequate implementation. Over the three years, the program will increase by 150 public water systems each successive year. Each year, half of the participants will include public water systems with existing active SRF financial obligations, and the other half will include public water systems submitting SRF applications and receiving funds from TWDB requiring an annual water loss audit to be submitted. At the end of year three, approximately 475 public water systems will participate annually in validations once the program is fully phased-in.

### Benefits

The TAWLC program will expand TWDB's water loss program and aid public water systems in improving data quality, ensuring data validity, and making sound decisions and investments when determining how to mitigate water losses. The associated increase in understanding of water loss data will aid individual systems and ultimately the State of Texas. In support of the TWDB's mission, the TAWLC program goals are to:

- provide robust technical assistance,
- yield more accurate data collection and dissemination,
- conserve state water resources,
- promote affordable water service for public water system customers,
- guide public water systems on how to best address and fund water loss mitigation, and
- ensure that state financial resources are expended effectively.

### Costs

TWDB will allocate a combined total of \$1,905,000 from accumulated DWSRF fees for the three-year initiative.

### Progress Tracking

The TAWLC program will target areas of improvement in water loss data, ensure water loss mitigation efforts were directed at the most beneficial measures, and support the effective and efficient use of the state's financial and water supply resources. To monitor program progress, staff will track metrics such as:

- number of public water systems assisted;
- number public water systems participating in the water loss audit validation program;
- validation scores before and after participating in the validation program;
- continued validation efforts for each public water system;
- areas in the water loss audit with the most significant changes in scores; and
- number of water loss projects funded by the board.

During the third year of the program, staff will evaluate progress and metrics. Following evaluation, staff will recommend improvements to support continuation of the program.

### Anticipated Results

Pre- and post-validation scores will better confirm data collection processes, which should result in improved data over time. Benefits to the state include 1) increased confidence in potential water loss mitigation activities and projects, 2) more effective use of both local and state funds to mitigate water loss, and 3) ultimately, more efficient water use.

## **5. Water Use Survey Application Assessment**

Using accumulated DWSRF origination fees, the TWDB will assess improvements to its annual Water Use Survey database application and will improve the quality of data collected. The ultimate data improvements will also support the new Technical Assistance in Water Loss Control (TAWLC) Initiative in the DWSRF program (as included in Senate Bill 28, Texas Legislature's 88<sup>th</sup> regular session), as key data for assessing water loss is collected through the Water Use Survey database application.

### Background - Water Use Survey

The TWDB Water Use Survey program conducts an annual survey of approximately 6,500 water systems and industrial facilities in the state. This survey collects the volume of water used, the source of the water, water sales, retail connection and population, and other pertinent data from the users. The Water Use Survey is the key data source for developing the tools and programs that support the state's effort to accurately estimate future water use and water availability, and ultimately support the identification of additional infrastructure needs such as those financed with the DWSRF program.

Statue requires all recipients of the Water Use Survey to submit a completed survey. Failure to return a completed survey results in ineligibility for TWDB financial assistance and ineligibility to obtain water right permits, amendments, or renewals from the TCEQ. Collection of accurate water use data is a vital component in the assessment of conservation initiatives, including water loss mitigation, and efforts to address limited water supplies and facilities. This data forms the backbone of our knowledge and understanding of how water is used in the state of Texas and helps the state accurately assess and make informed decisions for the state's water infrastructure, supply, and efficiency programs.

The Water Use Survey program is supported by a legacy software application relied upon by many agency programs within TWDB (e.g. regional and state water planning, groundwater modeling studies, and water loss program improvements.) However, the application does not have adequate documentation to support application maintenance and the making of informed application improvement decisions.

The Water Loss Audit and Conservation Reporting applications are integrated with the Water Use Survey application and are collectively known as "LUC" (for "loss, use, and conservation"). The Water Use Survey is the "front door" of data collection to the Water Loss and Conservation portions of the application, as certain data reported by public water systems are pushed to the Water Loss and Conservation applications. These foundational data points include:

- Retail population served
- Total retail metered connections, active and inactive
- Volume of water intake
- Total treated purchased water
- Total treated wholesale water
- Billed metered volumes

### Project Description

The project would produce Water Use Survey database application documentation of program data collection needs and application programming, including recommendations and potential project plan for redesign of a future Water Use Survey application database design. Funds are also requested to support one temporary full-time position through contracted assistance dedicated to conduct quality control review on the historical data set. This will assist with identifying application errors which should be addressed by the documentation effort and recommendations for the future of the application.

### Benefits

Having documentation of the Water Use Survey application and processes would ensure prudent use of future funds to improve the collection of water use data, which supports the TAWLC initiative in the DWSRF program. Verified and corrected historical Water Use Survey data would also support the TAWLC initiative. Once Water Use Survey application



improvements are completed, public water systems would be able to improve their reported data quality, ensuring data validity, and making sound decisions and investments when determining how to manage water use and mitigate water losses.

Goals of this project include:

- yield more accurate data collection and dissemination,
- conserve state water resources, and
- ensure that DWSRF program and other state financial assistance programs use funds effectively.

#### Costs and Deliverables

- Funding will be provided for two contracted full-time positions to serve as a system and business analyst (up to \$500,000) to conduct the primary work of reverse-engineering the Water Use Survey application and process documentation through review of application code and stored procedures. Following documentation development, the contractor would develop recommendations for future maintenance/enhancements or re-programming of the Water Use Survey application. Contractor support would ease the workload on TWDB's IT and business area staff but would be coordinated through the IT Division, with business area support. Estimated costs are based on contract services information from IT.
- Funding for one contracted, temporary full-time position to serve as a Research Specialist (up to \$100,000) to conduct quality assurance/quality control and corrective work on Water Use Survey data to support the accuracy of the TAWLC initiative.
- Total funding to be provided using accumulated DWSRF fees is up to \$600,000. The TWDB may extend the contracted activities into SFY 2025.

#### Anticipated Results

Documented application code would identify where and how application improvements need to occur to provide for better collection of annual water use data. Improved data collection processes should then result in improved data over time. The quality assurance/quality control and corrective work on the historical Water Use Survey data would improve the data set supporting the review of DWSRF financial assistance applications as well as the TAWLC initiative. Benefits to the state would include 1) increased confidence in water use data, which increases confidence in potential water loss mitigation activities and projects, 2) more effective use of local, state, and DWSRF program funds to mitigate water loss, and 3) ultimately, more efficient water use.

## **XII. Navigating the Lists**

Appendices G – K are a series of lists that detail the proposed project information of 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, the type of system, the system's PWS ID number, the total population based on TCEQ data, a detailed description of the proposed project, all project phases requested by the entity, the estimated construction start date, total project cost, the percentage of 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 DWSRF funding with a brief description as to why they were deemed ineligible.
- **Appendix I** – Lists projects that were deemed ineligible to receive disadvantaged funding with a brief description as to why they were deemed ineligible. The project may still be eligible to receive other funding options.
- **Appendix J** – Lists projects in order of highest priority to receive funding. The content is the same as the alphabetical list in Appendix G.
- **Appendix K** – 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 IIPL 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 input on the proposed uses of funds, the draft IUP, including the associated lists, will be made available for public comment. The draft SFY 2024 DWSRF IUP will be announced as follows:

- Public notification of the draft IUP and the public comment period will be posted on the TWDB website at [www.twdb.texas.gov](http://www.twdb.texas.gov).
- The notice was sent via email to all entities that submitted projects for the SFY 2024 IUP and everyone who had signed up to receive TWDB email notifications.
- A copy of the draft IUP was sent to EPA after published.

#### B. Comment

Comments were accepted via the following options from September 19, 2023, until 5:00 P.M. on October 3, 2023.

C. Emailing comments on the **Drinking Water SRF IUP** to the following electronic mail address and specifying in the subject line "DWSRF IUP comments"  
[DWSRF@twdb.texas.gov](mailto:DWSRF@twdb.texas.gov)

D. Attending a public hearing on September 25, 2023, at 10:00 A.M. at the Stephen F. Austin State Office Building, Room 170, in Austin, Texas.

All comments on the proposed IUP will be responded to on an individual basis.

#### C. Effective Date

The SFY 2024 DWSRF IUP is considered final on the effective date.

#### D. Documentation

The final IUP will be formally submitted to the EPA and posted on the TWDB website.

**Appendix B. Projected Sources and Uses of Funds**

From 6/1/2023 to 8/31/2024

(As of May 31, 2023)

**SOURCES:**

FFY 2023 Federal Capitalization Grants and reallocated FFY 2021 funds of \$812,000	\$208,048,000
State Match - for FFY 2023 Federal Capitalization Grants and reallocated funds	\$24,822,900
Undrawn previous grants	\$130,261,343
Principal Repayments	\$103,185,045
Interest Repayments	\$28,525,631
Investment Earnings on Funds	\$28,376,705
Cash available	\$396,413,002
Additional net leveraging bond proceeds (based on "Projects to be Funded")	\$345,732,361

**TOTAL SOURCES:****\$1,265,364,987****USES:****Set-Asides from FFY 2023 Grants and reallocated FFY 2021 funds**

TWDB Administrative / Capacity Development Set-Aside	\$13,321,920
Total TWDB Set-Aside:	\$13,321,920

TCEQ Small Systems Technical Assistance Program Set-Aside	\$803,620
TCEQ Texas State Management Program Set-Aside	\$11,018,100
TCEQ Local Assistance and Other State Programs Set-Aside	\$4,100,000
Total TCEQ Set-Asides	\$15,921,720

<b><u>Set-Asides from prior grant</u></b>	\$23,059,463
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**Projects to be Funded:**

SFY 2024 IUP Commitments – Additional Subsidization	\$95,066,830
SFY 2024 IUP Commitments – Bonds/Loans (Available Amount less Addit. Subsidy)	\$340,000,000
Total Projects To Be Funded - SFY 2024:	\$435,066,830

**Projects with Commitments/Applications**

Commitments <sup>1</sup>	\$136,655,853
Applications	\$521,506,877
Installment closings	\$1,750,000
Total Projects with Commitments or Applications:	\$659,912,730

**Debt Service:**

Principal Payments	\$71,114,546
Interest Payments	\$46,967,778
Total Debt Service:	\$118,082,324

**TOTAL USES:****\$1,265,364,987****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.

1. Excludes multi-year commitments closing after SFY 2024

## Appendix C. Rating Criteria

### TCEQ Ratings

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

### Combined Rating, Health and Compliance, and Primary Compliance Factors

#### Microbiological Factors

The sum of the total coliform MCL violations, total acute coliform MCL violations, and the treatment technique violations (including all exceedances of the 0.5 Nephelometric Turbidity Units standard), disregarding one violation.

**Points**  
(TCV=s)+(ACV=s)+(TT)-1

#### Chronic Chemical

The compliance result above the MCL for any chronic exposure chemical, divided by the MCL level.

Result/MCL

#### Acute Chemical

Three times the compliance result above the MCL for Nitrate or Nitrite, divided by the MCL level.

(Result/MCL) X 3

#### Carcinogen

Two times the compliance result above the MCL for any carcinogenic chemical, divided by the MCL level.

(Result/MCL) X 2

#### Lead/Copper

Two times the greater of the 90<sup>th</sup> percentile lead level divided by the lead action level or the 90<sup>th</sup> percentile copper level divided by the copper action level.

[Greater of (Pb90/0.015)  
or (Cu90/1.3)] X 2

#### Filtration

Awarded to any system with one or more sources identified as surface water or groundwater under the direct influence of surface water for which no filtration is provided.

12.00

#### Groundwater Rule Factor

Awarded to any system with one or more sources of water identified as groundwater requiring 4-log viral inactivation for which 4-log inactivation is not provided.

12.00

### Population Factor

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

#### Population Range

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

### Secondary Compliance Factors

#### Secondary Chemical

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

(Result/MCL) X 0.5

**Physical Deficiency Factor**

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

**Deficiency:**

Pressure <20 psi	1.00	Water Loss >25%	0.25
No disinfection	1.00	Pressure $\geq 20$ & $\leq 35$ psi	0.25
Production $\geq 85\%$ total capacity	0.25	Other Secondary MCLs	0.25
Storage >85% total capacity	0.25		

**Consolidation Factor**

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

**TWDB Ratings****Effective Management**

An adopted asset management plan that contains an inventory of assets, an assessment of the criticality and condition of assets, a prioritization of capital projects, and a budget. 2.50

Entity has adopted an Asset Management / Financial Planning tool within the past 5 years that contains the product deliverables under the AMPSS initiative as described in Section XII. 5

Entity plans to prepare an asset management plan with completion of proposed project 0.50

Providing asset management training for the entities governing body and employees 0.50

Project addresses a specific goal in a water conservation plan 1.00

Project involves the use of reclaimed water 1.00

Project addresses a specific goal in an energy assessment, audit, or optimization study conducted within the past three years 1.00

Project is consistent with a municipal and/or state watershed protection plan, water efficiency plan, integrated water resource management plan, a regional facility plan, regionalization or consolidation plan, or an approved Total Maximum Daily Load implementation plan 2.00

**Disadvantaged Eligibility**

Awarded to any entity that qualifies as a disadvantaged community (see Appendix D for eligibility criteria) 20.00

**Previously Received TWDB Planning, Acquisition or Design Funds**

The project is requesting construction financing and previously received a TWDB commitment for Planning, Acquisition, and/or Design (PAD) financing within the prior five years (60 months) of the 10.00

PIF due date under the DWSRF program or the TWDB's Economically Distressed Areas Program, the entity has completed and received TWDB completion approval for all of the PAD activities and is ready to proceed to the construction phase, TWDB has released from escrow at least eighty percent of the PAD funds, and the project has not received any TWDB funding for construction.

**Tie Breaker**

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

## Source Water Protection Rating Criteria and Process

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

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

a. Groundwater System Vulnerability Factor

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

b. Surface Water System Vulnerability Factor

- (1) Surface water systems with contributing watersheds of 20 square miles or less as determined by TCEQ will receive 3 points.

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



- (2) Surface water systems with confirmed detections of organic chemical contamination identified in Table 1 will receive 3 points.
  - (3) No surface water system may receive more than 6 system vulnerability points. Surface water systems that receive no system vulnerability points will not be considered for source water protection funding.
- c. No combination ground and surface water system may receive more than 6 system vulnerability points.
- d. Ability to Implement Best Management Practices Factor
- (1) Systems that receive system vulnerability points and that possess the ability and authority to implement land use controls including but not limited to zoning or ordinances, will receive 2 points.
  - (2) Systems that receive system vulnerability points and that possess the ability to implement other non-land use controls such as public education, contingency planning, or conducting toxic/hazardous waste collection events will receive 1 point.
  - (3) Systems that receive system vulnerability points and that propose to plug abandoned wells within the delineated source water protection area will receive 1 point.
  - (4) Systems that receive system vulnerability points and that have confirmed siting or well construction problems listed on the most recent TCEQ sanitary survey will receive 1 point for proposals which will correct these problems.
  - (5) Systems that receive no Ability to Implement Best Management Practices points will not be considered for source water protection funding.
- e. The total points for Groundwater or Surface Water System Vulnerability and the Ability to Implement Best Management Practices will be summed and multiplied by 10 before adding Affordability Factor points.
- f. Disadvantaged Community Eligibility Factor – Ten points awarded to any entity that qualifies as a disadvantaged community (see Appendix D for eligibility criteria)
- g. The total source water protection rating score will be the sum of points generated from ground and surface water system vulnerability, ability to implement Best Management Practices and affordability factors.

## Appendix D. Criteria to Determine Disadvantaged Community Eligibility

Disadvantaged Community / Disadvantaged Community - Small/Rural - The determination will be based on information received by the initial PIF deadline or with a PIF subsequent submitted after the initial deadline. 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 percent 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 percent if only water or sewer service is provided or greater than or equal to 2 percent if both water and sewer service are provided.

### Acceptable Source of Socioeconomic Data for SFY 2024

For SFY 2024, the TWDB will utilize:

- (1) U.S. Census 2021 American Community Survey (ACS) 5-year estimates (2017-2021), and, for determining a change in population, will compare it to the 2017 ACS 5-year estimates (2013-2017), 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. Any survey being used for income determination must be conducted within five years of the date the TWDB receives the PIF. 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 percent or less than the state's AMHI using an acceptable source of socioeconomic data for SFY 2024.

#### 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 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 Adjustment ( $[(\text{Unemployment Rate} - \text{State Rate}/\text{State Rate}) * 2]$  which is only used if a positive amount and may not exceed 0.75 percent) and the Population Decline HCF Adjustment ( $[(\text{Prior Population} - \text{Current Population})/\text{Prior Population}] * 6.7$  which is only used if a positive amount and may not to exceed 0.5 percent), must be:

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

The 1.0 and 2.0 percentage levels are known as the "base" levels in determining the maximum allocation amount.

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 percent (if only water or sewer service is provided) and 2 percent (if both water and sewer services are provided) as shown in the chart below:

Household Cost Factor Difference	Principal Forgiveness as a % of DWSRF-funded project costs remaining after subtracting other DWSRF principal forgiveness
≥ 0%	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	Calculation	ACS 2017-2021	Calculation	ACS 2017-2021	Calculation	Calculation
			Total Number of Household Connections	% of TTL Connections	AMHI	Prorated AMHI	Average HH Size	Prorated Average HH Size	Entity's Population Served
Jones	202	1	848	62.26%	\$55,000	\$34,244	1.84	1.15	1,690
Jones	202	2	309	22.69%	\$47,893	\$10,866	2.45	0.56	616
Jones	202	3	205	15.05%	\$34,402	\$5,178	1.94	0.29	409
			1,362	100.00%		\$50,287		1.99	2,715

County	Census Tract	Block Group	ACS 2017-2021	Calculation	ACS 2017-2021	ACS 2013-2017	Calculation
			Unemployment Rate	Prorated Unemployment Rate	Population 2021 (for county)	Population 2017 (for county)	Prorated Pop. Change
Jones	202	1	2.08%	1.30%	19,721	19,969	-154
Jones	202	2	1.65%	0.37%	19,721	19,969	-56
Jones	202	3	0.0%	0.0%	19,721	19,969	-37
				1.67%	19,721	19,969	-248

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 2024. 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 (Cx D)	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
<b>Totals</b>	<b>5,369</b>	<b>100.00%</b>									<b>Average Monthly Water Bill</b>	<b>\$ 44.69</b>

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 (Cx D)	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
<b>Totals</b>	<b>5,369</b>	<b>100.00%</b>									<b>Average Monthly Sewer Bill</b>	<b>\$ 17.03</b>

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 percent 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 percent 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 percent of the State's AMHI.

**Disadvantaged Community Criteria for Urgent Need funding option:**

For the project service area, the AMHI must not exceed 150 percent of the state's AMHI and the unemployment rate be greater than the 33 percent of the state level or experienced a recent decline in population (based on the 2013-2017 ACS 5-year estimates compared to 2017-2021 ACS 5-year estimates). If the project service area is primarily agricultural or rural as determined by TWDB then the unemployment rate above need only be greater than 10 percent of the state level.

To lessen the need for the applicant to conduct income surveys, the TWDB will consider on a case-by-case basis making the presumption that the average (mean) of the AMHI of all U.S. Census Bureau Block Groups containing any portion of the project service area is the AMHI for the project. The applicant has the option of proving otherwise by submitting more information on the number of customers in each Block Group or conducting an income survey. Applicants must provide a detailed map of the proposed service area to be considered for this option and the TWDB will determine the associated Block Groups. The Executive Administrator will then determine whether this option would result in a reasonable estimate of the AMHI for the project service area and may be used for the AMHI threshold calculation. The data used in the calculation will be the same data source as described under Disadvantaged Community above.

The disadvantaged community criteria for the Very Small Systems funding is described in the main section of the IUP.

## Appendix E. Federal Requirements and Assurances

### A. Federal Requirements

#### 1. Davis-Bacon Wage Rate Requirements

A subrecipient must comply with the requirements of section 1452(a)(5) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)(5)) in all procurement contracts and must require contractors to include compliance with section 1452(a)(5) of the Safe Drinking Water Act in all subcontracts and other lower tiered transactions. All contracts and subcontracts for the construction project must contain in full in any contract in excess of \$2,000 the wage rate requirements contract clauses prescribed by TWDB. Section 1452(a)(5) 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 DWSRF financial assistance recipients will comply with the American Iron and Steel (AIS) requirement in applicable federal law, including federal appropriation acts. Federal law requires DWSRF assistance recipients to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, or repair of a public water system or treatment works.

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

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

EPA may waive the AIS requirement under certain circumstances.

Furthermore, 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. Build America, Buy America Act, 2021 (BABA)

For equivalency projects only under the SFY 2024 IUP, the requirements of the Build America, Buy America Act, 2021 (P.L. 117-58), known as BABA, will apply. Information on BABA is available on the TWDB website at <http://www.twdb.texas.gov/financial/programs/BABA/index.asp>

An additional source of information on BABA is EPA’s [website](#).

#### 4. Environmental Reviews

Environmental review requirements are specified in Texas Administrative Code, Title 31, Part 10, Chapter 371. The NEPA-like environmental review in Texas Administrative Code, Title 31, Part 10, Chapter 371, applies to all DWSRF projects, not just equivalency projects.

#### 5. 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.

#### 6. 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. All cross-cutters apply to Equivalency projects and only federal anti-discrimination laws, also known as the super cross-cutters, apply to Non-Equivalency 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. Note – as described under Number 4 above, any project, whether considered equivalency or non-equivalency, must follow the NEPA-like environmental review in Texas Administrative Code, Title 31, Part 10, Chapter 371. 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.

The Equivalency projects that are considered federal are those entered into the Federal Funding Accountability and Transparency Act Subaward Reporting System.

#### 7. Financial, Managerial, and Technical (FMT) Capacity

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

## 8. Additional Subsidization

In accordance with the Consolidated Appropriations Act, 2023, (Public Law 117-328)), and 42 U.S.C. 300j-12(d)(2) as amended by the IIJA, the TWDB is required to provide 26 percent of the capitalization grant of \$39,369,000, or \$10,235,940, in Additional Subsidization. In addition, the IIJA appropriations for FFY 2023 required \$82,254,830 of the \$167,867,000 to be in the form of Additional Subsidization. In addition, of the \$812,000 of reallocated funds from FFY 2021, the TWDB is required to provide additional subsidization of \$211,120. The total required Additional Subsidization from all three sources of appropriations covered in this IUP is \$92,701,890, or 45 percent of the capitalization grants. The TWDB has allocated Additional Subsidization for SFY 2024 as follows:

<b>Funding Option</b>	<b>Additional Subsidy Allocation</b>
Disadvantaged Community:	\$59,112,000
Disadvantaged Community-Small / Rural:	\$20,754,830
Subsidized Green:	\$3,600,000
Very Small Systems:	\$5,600,000
Urgent Need:	\$6,000,000
<b>Total</b>	<b>\$95,066,830</b>

Of the total Additional Subsidization being made available for SFY 2024, an amount equal to \$5,511,660 may only be used where such funds would be for initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients where such debt was incurred on or after December 29, 2022. The TWDB may increase the allocations to provide the full eligible amount to a project. The TWDB may allocate up to the maximum of \$101,943,520 as additional subsidization in accordance with the SDWA and FFY 2023 capitalization grant annual and IIJA appropriations and the FFY 2021 reallocated funds capitalization grant.

## 9. Green Project Reserve

The capitalization grant for FFY 2023 states that at the discretion of each State, the capitalization grant may be used for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. The TWDB is establishing a goal to allocate an equivalent of 10 percent of the capitalization grant from annual appropriations to approved green project costs. The discretionary allocation is known as the Green Project Reserve (GPR).

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

Appendix L, "Initial Invited Green Projects", lists invited green projects with project descriptions that detail the green category associated with the project and how much of the project's total cost is applicable to the GPR.

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

## 10. Competency Statements

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

### A. TWDB Competency Statement

TWDB ascertains that competency can be demonstrated by the following:

1. The "TWDB Quality Management Plan," was approved by EPA Region 6 on August 9, 2022. The plan demonstrates competency by providing a description of the quality policies including all requirements described in EPA QA/R-2.

### B. TCEQ Competency Statement

TCEQ ascertains that competency can be demonstrated by the following:

1. EPA approval of the "Quality Assurance Project Plan for the Public Water Supply Supervision Program Relating to the Safe Drinking Water Act of the Texas Commission on Environmental Quality", Revision 14 (QTRAK #23-033), approved by EPA on November 10, 2022, which is approved through November 10, 2025.
2. The "TCEQ Quality Management Plan, Revision 28 (2023)" (QTRAK# 23-061) approved on December 8, 2022 by EPA Region 6 which demonstrates competency by providing a description of the quality policies including all requirements described in EPA QA/R-2.

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

- A. Capacity development authority. The State of Texas, through the TCEQ, has the legal authority to ensure that all new community water systems, and new nontransient, noncommunity water systems that commence operations have demonstrated FMT capacity with respect to national primary drinking water regulations. If DWSRF financial assistance is being provided to the new system, TCEQ conducts and provides to TWDB the results of its FMT assessment prior to closing on the financial assistance.
- B. Capacity development strategy. The State of Texas, through the use of DWSRF set-asides provided to TCEQ, implements a strategy to assist public water systems in acquiring and maintaining financial, managerial, and technical capacity. The TWDB has set aside funds from the FFY 2023 grant for TCEQ to implement a capacity development

strategy. TCEQ will use funds from the State Program Management, Small Systems Technical Assistance, and Local Assistance and Other State Programs set-asides to conduct the capacity development activities. The TCEQ demonstrates compliance with the Capacity Development Strategy requirement of the SDWA by annually submitting the Capacity Development Report to EPA. The most recent report was provided to EPA on November 21, 2022. The TCEQ submitted the TCEQ Triennial Progress Report to the Governor on the Public Water Supply Capacity Development Program on September 30, 2020 as required by SDWA Section 1420(c)(3).

- C. Operator certification program. The State of Texas, through the TCEQ, has a program for certifying operators of community and nontransient, noncommunity public water systems. The TCEQ demonstrates compliance with the Operator Certification Program Provisions by annually submitting an Operator Certifications Program Report to EPA. The most recent report was provided to EPA on September 12, 2022.

## 12. Signage

DWSRF 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>.

The FFY 2023 / SFY 2024 IIJA equivalency projects may have a separate signage requirement.

## 13. Reserves Established from Available Funds

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

<b>Funding Reserves</b>	
<b>Reserve</b>	<b>Amount</b>
Green Projects (10% of annual appropriations capitalization grant)	\$3,936,900
Small Communities (15% of available funds)	\$65,260,000
Extended Terms (75% of available loan/bond funds)	\$255,000,000

#### 14. Transfers – Amount Available

Calculation of amounts available to transfer between the DWSRF and CWSRF based on FFY 2008 through FFY 2023 (additional authority is available from prior years):

Federal Fiscal Year	Grant Award Number	Grant Amount	33% of Grant
FFY 2008	FS-99679512	\$67,112,000	\$22,146,960
FFY 2009	FS-99679513	\$67,112,000	\$22,146,960
FFY 2010	FS-99679514	\$86,254,000	\$28,463,820
FFY 2011	FS-99679515	\$59,854,000	\$19,751,820
FFY 2012	FS-99679516	\$57,041,000	\$18,823,530
FFY 2013	FS-99679517	\$53,517,000	\$17,660,610
FFY 2014	FS-99679518	\$63,953,000	\$21,104,490
FFY 2015	FS-99679519	\$63,532,000	\$20,965,560
FFY 2016	FS-99679520	\$60,104,000	\$19,834,320
FFY 2017	FS-99679521	\$59,590,000	\$19,664,700
FFY 2018	FS-99679522	\$87,040,000	\$28,723,200
FFY 2019	FS-99679523	\$86,225,000	\$28,454,250
FFY 2020	FS-99679524	\$86,280,000	\$28,472,400
FFY 2021	FS-99679525	\$87,015,000	\$28,714,950
FFY 2022	FS-99679525	\$54,911,000	\$18,120,630
FFY 2022	4D-02F23901	\$140,993,000	\$46,527,690
FFY 2023	FS-99679526	\$40,181,000	\$13,259,730
FFY 2023	4D-02F23902	\$167,867,000	\$55,396,110
<b>TOTAL</b>		<b>\$1,388,581,000</b>	<b>\$458,231,730</b>
Available from FFY 2008 to FFY 2023 grants, including reallocated FFY 2019 grant funds included as part of FS-99679525 and reallocated FFY 2021 grant funds as part of FS-99679526			<b>\$458,231,730</b>
Ongoing cash flow transfer			<b>\$200,000,000</b>
Remaining Transfer Authority			<b>\$258,231,730</b>

Similar to the regular/base grants, the TWDB may transfer IIJA funds between the DWSRF general activities account and CWSRF general activities account, or vice versa, in an amount up to thirty-three percent (33 percent) of the DWSRF IIJA general activity grant amount, or \$55,396,110. This amount is shown in the table above.

#### B. Assurances

##### Entry into the Federal Reporting Systems

The TWDB will enter information into EPA's DWSRF Reporting System, the DWSRF National Information Management System, and the Federal Funding Accountability and Transparency Act Sub-Award 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. Fulfill the Additional Subsidization Requirement

A project on the PPL or IIPPL may be bypassed to fulfill the federal additional subsidization requirement or to make commitments of the amount of funds that remain unallocated.

### 2. Intent to Apply and Application Submission Deadlines

A project may be bypassed if the applicant did not submit any intent to apply form or information by a specified deadline or the application is not received by the TWDB-established submission deadline and it is not administratively complete by the established deadline.

### 3. Projects Previously Funded

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

### 4. Disadvantaged Community/Disadvantaged Community-Small / Rural only

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.

### 5. 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.

### 6. Very Small Systems

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

## **7. Urgent Need**

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

## **8. Small Communities**

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

## **9. Readiness to Proceed**

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

## **10. 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.

## **11. 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.

## **12. Reserve for Project Impact/Health Issues only**

A project may be bypassed to fulfill the reserve of loan funding capacity for projects based on project impact/health issues only (includes all scoring criteria related to health and compliance, physical deficiencies, consolidation, along with criteria applicable to all eligible projects, but excludes Disadvantaged Community/affordability additional points). TWDB may bypass projects to fulfill this reserve and ensure an equitable distribution of total loan capacity.

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<b>Public Water System</b>													
2	175	14954	Abilene	M	TX2210001	169,289	The City intends to complete a Phase I rehabilitation of its Northeast WTP, and potentially a portion of the Phase II expansion, pending costs for Phase I.	PDC	\$112,535,000.00				
228	3	14894	Abilene	M	TX2210001	121,994	This project involves the replacement of existing water lines, the installation of new water lines, the construction and/or rehabilitation of pump stations, and storage tanks.	PADC	\$97,825,000.00				
212	4	14906	Acton MUD	D	TX1110007	22,643	Project includes water distribution system improvements and an Asset Management Plan.	PDC	\$12,252,000.00		Yes-BC	\$9,581,000.00	
35	40	14981	Agua SUD	D	TX1080022	64,633	Agua SUD proposes to construct a new water treatment plant of 3-6 MGD to serve the northeast service area, Pressure Zone 1. This includes preparation of a Preliminary Engineering Feasibility Report (PEFR), following TWDB-0555 Guidance.	PADC	\$30,072,255.00		Yes-BC	\$1,420,000.00	
119	21	14782	Alba	M	TX2500005	753	Rehabilitate existing EST and GST tanks, install new generators, and replace old waterlines. Includes creation of an asset management plan.	PDC	\$1,678,000.00	70%			
53	34	14898	Albany	M	TX2090001	1,983	Replacement of various portions of the City's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$2,908,500.00	70%	Yes-BC	\$2,903,500.00	
74	31	14783	Alto	M	TX0370001	1,523	Remove and replace existing aged and deteriorated waterlines within the distribution system as well as rehabilitate existing deteriorated storage tanks. Includes creation of an asset management plan.	PDC	\$1,715,000.00	70%			
187	10	14739	Ames-Minglewood WSC	W	TX1460005	1,704	New waterlines and system improvements.	PDC	\$3,995,000.00				
267	0	14811	Angleton DD	D	TX0200002	19,500	Drinking water system improvements.	PDC	\$8,560,000.20				
38	37	14765	Anthony	M	TX0710001	3,671	The Town of Anthony will construct a 250,000-gallon elevated water tank to replace the undersized, corroded, and deteriorated existing 125,000-gallon standpipe in order to provide minimum storage and pressure requirements as required by the state. Other improvements associated with the tank include chlorination system, electrical and controls upgrades, repair and rehabilitation of the existing pump station building located at the tank site, replacement of pumps at this pump station, site piping, and security fence.	DC	\$2,198,445.00	70%	Yes-BC	\$1,579,286.00	

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<b>Public Water System</b>													
39	37	14884	Anthony	M	TX0710001	3,671	The Town of Anthony water system plans to rehabilitate existing water wells, replace/rehabilitate existing pump stations, replace leaking waterlines, replace aged and inaccurate water meters with automatic reading meters, and build an arsenic treatment plant.	ADC	\$8,779,306.00	70%			
197	10	14823	Aquilla WSD	D	TX1090068	26,907	The proposed project is for replacements/improvements to the I-35 and Raw Water booster pump stations, installation of backup power and SCADA improvements at the Water Treatment Plant, and water distribution system improvements consisting of a new ground storage tank and three pump stations, new water pipelines.	PADC	\$39,565,203.00				
199	10	14904	Austin	M	TX2270001	1,153,430	Project infrastructure includes 8,500 feet of 72-inch diameter water pipeline along McNeil Drive from the 84-inch Jollyville Transmission Main to the 54-inch Martin Hill Transmission Main and multiple 24-inch transmission mains at Parmer Ln.	C	\$44,281,000.00				
232	3	14911	Austin	M	TX2270001	1,153,430	Building an additional reservoir in the Southwest B Pressure Zone and its associated transmission main. This project is required to provide storage and resiliency in the pressure zone.	C	\$11,070,000.00				
272	0	14755	Austin	M	TX2270001	1,153,430	Convert the existing disinfection chemical feed at Ullrich WTP from chlorine and ammonia gas to on-site Sodium Hypochlorite Generation (OSHG) and Liquid Ammonia Sulfate (LAS).	C	\$21,802,660.00				
273	0	14902	Austin	M	TX2270001	1,153,430	Installation of approximately 6,200 linear feet of 24" reclaimed water main.	C	\$10,864,000.00				
274	0	14910	Austin	M	TX2270001	1,153,430	The Center Street Pump Station will be replaced with a new pump station including electrical improvements to bring the station up to current design standards.	C	\$67,427,000.00				
275	0	14912	Austin	M	TX2270001	1,153,430	The proposed South IH-35 Reservoir is planned as a 3-million-gallon elevated reservoir 100'-150' in height and will include foundational piping for a future pump station.	C	\$16,410,850.00				
276	0	14913	Austin	M	TX2270001	1,153,430	This project will replace galvanized services found in Austin Water's system on both the public and private side of the meter.	C	\$6,038,000.00				
14	75	14854	Ballinger	M	TX2000001	3,862	The City plans WTP, storage upgrades and replacement of distribution and transmission lines in various locations of the distribution system.	PDC	\$33,995,000.00	70%	Yes-BC	\$33,995,000.00	

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<b>Public Water System</b>													
221	3	14959	Balmorhea	M	TX1950002	415	Installation of control and remote monitoring equipment in key locations along the drinking water transmission and distribution lines.	PDC	\$300,000.00				
157	13	14780	Bartlett	M	TX2460006	1,633	Water meter replacements, waterline improvements, installation of isolation valves, and creation of an Asset Management Plan.	PADC	\$4,842,700.00		Yes-BC	\$2,900,000.00	
147	15	14757	Bartley Woods WSC	W	TX0740021	585	Increase water source, storage, and transmission capacity in order to meet TCEQ requirements for 2060 population projections.	DC	\$3,380,000.00				
46	35	14856	Barton WSC	W	TX0720013	1,032	Barton Water Supply Corporation is proposing to rehabilitate Pump Station No. 5, adding a 30,000-gallon storage tank, electrical upgrades. SCADA improvements, and upgrades to the chloramine disinfection system.	PDC	\$1,426,000.00		Yes-BC	\$1,426,000.00	
238	1	14831	Bayview MUD	D	TX0840010	1,818	The Bayview MUD Water System is deteriorating and requires certain elements to be completely replaced.	DC	\$6,273,675.00		Yes-BC	\$6,273,675.00	
193	10	14785	BCY WSC	W	TX0010018	2,772	Planning, property acquisition, design, bidding, and construction of a new drinking water well and new elevated water storage tank.	PADC	\$4,015,000.00				
260	0	14931	Becker-Jiba WSC	W	TX1290011	3,633	NTMWD meter vault and pump station with a 200,000 gallon Welded Steel Ground Storage Tank for extra storage along with a transmission waterline.	PDC	\$6,800,000.20				
60	33	14885	Benjamin	M	TX1380011	179	Improvements to the City's 81,000 gallon ground storage tank site.	PDC	\$640,000.00	70%			
235	2	14903	Big Lake	M	TX1920001	2,936	Replacement of various portions of the City's potable water distribution pipelines and valves that have reached the end of their service life and require replacement.	PDC	\$1,220,000.00		Yes-BC	\$1,220,000.00	
85	28	14909	Bistone Municipal WSD	D	TX1470006	24,929	Bistone will construct a new 0.5MG EST and new 14", 8" and 4" mains along Hwy 84 and RR2838 respectively.	PADC	\$42,824,900.00	70%			
108	23	15107	Bistone Municipal WSD	D	TX1470006	24,929	Bistone's transmission lines to its various wholesale customers is aged and has issues with leaks. The project will replace the portion of the transmission system known as the 1967 14" steel cylinder concrete pipe.	PADC	\$29,347,480.00	70%			
72	31	14858	Blanket	M	TX0250013	367	Replacement of various portions of the City's potable water distribution pipeline system, PRV, and isolation valves. There will also be upgrades to the disinfection system.	PDC	\$3,034,000.00	70%	Yes-BC	\$3,034,000.00	
219	3	14919	Bluegrove WSC	W	TX0390014	70	This project involves the construction of a new pump station and the replacement of water distribution lines.	PDC	\$300,000.00				



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<b>Public Water System</b>													
208	6	14871	Blum	M	TX1090007	434	The purpose of this project is to replace/upsized undersized water mains and replace non-working isolation valves.	PDC	\$300,000.00				
58	33	14937	Bonham	M	TX0740001	10,408	Installation of approximately 33,520 linear feet of 6"-24" waterline, encasement, valves, services, fittings, fire hydrants, and associated appurtenances. The city will be implementing an asset management plan as part of the project to better manage the drinking water system components. The project has already gone through design phase and is ready for bid upon approval of funding.	C	\$14,444,100.00	70%			
94	24	14939	Brady	M	TX1540001	5,500	Improvements to the distribution system including line replacement.	PDC	\$4,604,000.00	70%	Yes-BC	\$4,604,000.00	
65	33	14840	Breckenridge	M	TX2150001	10,616	Improvements/rehabilitate the three elevated storage tanks, upgrade/improve the existing East and West booster pump stations, and rehabilitate various portions of the distribution system in order to reduce the number of waterline leaks/breaks that have resulted in numerous boil water notices.	PDC	\$5,613,000.00	70%	Yes-BC	\$5,613,000.00	
244	1	14984	Brownsboro	M	TX1070003	1,320	The project consists of updating and improving the existing water plant by installing a new well, new pressure tank, a new ground storage tank and new booster pumps.	PDC	\$1,535,000.00				
107	23	14849	Brownwood	M	TX0250002	18,770	The City of Brownwood aims to enhance the water distribution system by improving its existing ESTs. Additionally, the City will install a control valve downstream of the Brown County Water Improvements District (BCWID) take point.	PDC	\$2,708,000.00	70%	Yes-BC	\$1,410,000.00	
153	13	14887	Carl's Corner	M	TX1090070	199	The city plans to construct a new water well, or if necessary, to obtain other adequate water supply or emergency interconnection.	DC	\$3,275,000.00				
105	23	14859	Carrizo Springs	M	TX0640002	5,256	Replacement of water distribution system lines including asbestos-cement pipe, cast iron pipe, galvanized steel pipe due to age and breakage. Replace booster pump station, new storage tank, generators, and asset management plan.	DC	\$17,640,000.00	70%	Yes-BC	\$9,213,822.00	
154	13	14816	Chappell Hill WSC	W	TX2390003	645	Improvements throughout the entire water supply corporation system. Rehab of existing tank and generator installation mandated by TCEQ.	PDC	\$4,136,013.00				
111	22	14781	Chatt WSC	W	TX1090020	927	Water meter replacements and asset management plan.	PDC	\$400,000.00	70%	Yes-BC	\$285,000.00	

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<b>Public Water System</b>													
117	21	14880	Christian Life Center	P	TX1520219	51	The Christian Life Center is a non-profit community water system which serves 17 connections in northeast Lubbock County. The system is under enforcement for exceedance of 1-1 Dichloroethylene in the system's only well. The project will fund a low-profile tray aeration system to be installed to treat the well water to compliant standards.	PDC	\$300,000.00				
209	6	14956	Church Hill WSC	W	TX2010008	456	Church Hill WSC is pursuing an additional water well for their system to supplement the existing water supply.	PDC	\$543,000.00				
13	75	14915	Coahoma	M	TX1140002	3,552	The City plans to upsize existing transmission lines, add pressure boosting facilities, and replace undersized/deteriorated distribution lines.	PDC	\$10,000,000.00		Yes-BC	\$10,000,000.00	
132	20	14891	Coleman County SUD	D	TX0420034	5,000	The project includes construction of waterlines, backup power generation, and construction of pump stations facilities.	PADC	\$11,354,400.00	70%			
266	0	14989	College Mound SUD	D	TX1290012	11,515	This project consists of a transmission line and booster pump station to receive a direct supply of water from North Texas MWD.	ADC	\$23,978,992.00				
243	1	14737	Como	M	TX1120012	918	This project includes drilling a new water well and tying the well into the existing water plant.	PADC	\$574,900.00				
253	0	14749	Conroe Bay Water-Sewer Supply Corp	W	TX1700225	345	The existing water system of CB WSSC needs rehabilitation and improvements. Improvements include the addition of a new water well, pressure tank, ground storage tank, and a generator system.	PDC	\$560,000.00		Yes-BC	\$75,000.00	
33	40	14837	Corix Utilities	P	TX1680004	3,513	Improvements to the distribution system including line replacement, pump station improvements, elevated storage tank improvements, and additional water production.	PDC	\$21,453,000.00	70%	Yes-BC	\$21,453,000.00	
102	23	14836	Corix Utilities	P	TX2080003	468	Addition of a new automatic meter reading (AMR) system and a new SCADA system.	PDC	\$1,362,000.00	70%	Yes-BC	\$1,362,000.00	
146	15	14838	Corix Utilities	P	TX0270078	117	Addition of a well to increase system capacity.	PDC	\$2,092,000.00				
161	13	14835	Corix Utilities	P	TX0450087	201	Addition of a well to replace existing well.	PDC	\$3,812,000.00		Yes-BC	\$3,812,000.00	
210	4	14839	Corix Utilities	P	TX0270011	1,491	Improvements to the existing water treatment plant by installing a new membrane filtration system.	PDC	\$6,970,000.00		Yes-BC	\$6,970,000.00	
103	23	14743	Corrigan	M	TX1870001	1,630	Upgrade and expand existing plant components to expand system capacities and boost pressure throughout the system, including drilling a new water well and replace deteriorated lines contributing to high water loss and frequent maintenance.	PADC	\$3,346,000.00	70%			

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<b>Public Water System</b>													
263	0	14928	Coryell City WSD	D	TX0500013	5,713	Coryell City water supply system improvements.	DC	\$40,175,600.00				
149	15	14869	Covington	M	TX1090021	570	The purpose of this project is to replace/upsized undersized water mains to improve water flow/pressure. This project will also include replacement of lead service lines.	PDC	\$300,000.00				
21	56	15167	Cox Addition PWS	W	TX1520106	150	The project involves the planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing adsorption system damaged in winter storm Uri in 2021. Interconnection with Lubbock will be explored as a more resilient long term supply. An additional storage tank is needed. An Asset Management Plan will be completed.	PDC	\$523,000.00				
145	16	14779	Creedmoor Maha WSC	W	TX2270008	9,954	The Twin Creek subdivision currently has undersized lines that do not meet TCEQ requirements for serving the existing customers. These lines also are in conflict with an upcoming Travis County drainage project. The lines will be replaced. The project will also include an Asset Management Plan.	PADC	\$3,095,000.00				
170	11	14775	Creedmoor Maha WSC	W	TX2270008	9,954	The undersized lines currently have more connections than allowed by Chapter 290.44(c) connection requirements. The project will include an Asset Management Plan.	PADC	\$3,000,700.00				
180	11	14777	Creedmoor Maha WSC	W	TX2270008	9,954	CMWSC Water System Improvement to increase capacity and serviceability and Asset Management Plan	PADC	\$13,141,500.00				
181	11	14778	Creedmoor Maha WSC	W	TX2270008	9,954	New water well and Asset Management Plan.	PDC	\$5,830,000.00				
265	0	14776	Creedmoor Maha WSC	W	TX2270008	9,954	Providing water services to those within the CMWSC CCN who do not have it.	PADC	\$6,074,700.00				
175	11	14798	Crescent Heights WSC	W	TX1070016	1,935	A new public water supply well, pressure facilities, and line upgrades. Includes the creation of an asset management plan	PDC	\$3,685,000.00				
54	34	14930	Crockett	M	TX1130001	6,441	Development of a new water well, transmission main, and treatment facilities	PDC	\$4,093,600.00	70%			
24	47	14799	Cross Roads Community WSC	W	TX1070228	720	Construct a new public water supply well and install an emergency generator	PDC	\$2,570,000.00				
124	21	14793	Crystal City	M	TX2540001	7,128	The City of Crystal City needs to make improvements to its drinking water system. These improvements are primarily focused on well enhancements, making improvements to its elevated water storage tank, building a new well, and replacing old iron and asbestos water lines.	DC	\$29,625,680.00	70%			

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<b>Public Water System</b>													
87	26	14990	Crystal Clear SUD	D	TX0940015	17,388	The group of water system improvement projects were identified to increase storage and water supply, and to maintain system pressure and TCEQ compliance throughout the northern portion of the district.	PDC	\$27,236,482.00				
62	33	14809	Cumby	M	TX1120001	807	Project includes drilling a new water supply well, installation of a pump station, disinfection, installation of a ground storage tank, transmission lines and elevated storage tank.	PADC	\$9,625,000.00	70%			
89	26	14768	D & M WSC	W	TX1740010	5,320	Construct pump station improvements and drill a new well at the F.R. Lewis or Moral Booster Stations based on the findings of the EFR. In addition, construct new waterlines and replace targeted old deteriorated waterlines. The creation of a asset management plan is also included.	PADC	\$3,872,000.00				
71	31	14958	D Bar B Water & WW SC	W	TX0570082	240	Emergency generator for drinking water system	PDC	\$85,000.00	70%			
29	43	14770	Daingerfield	M	TX1720001	4,047	Waterline replacement and pumping and storage upgrades.	PADC	\$3,520,000.00	70%			
142	17	14953	Danbury	M	TX0200011	1,671	The City is proposing to refurbish and update its second water plant to provide an operating second source of water. In addition, the City proposes improvements to Water Plant No. 1 and the distribution system to provide more reliable and efficient water services as well as provide water supply redundancy and disaster preparedness.	PDC	\$8,465,000.00		Yes-BC	\$1,633,000.00	
195	10	14796	Dean WSC	W	TX2120009	5,907	Construction of a new elevated storage tank at an existing pump station.	PDC	\$3,137,500.00				
171	11	15102	Del Rio	M	TX2330001	34,584	This project is for construction of replacement of approximately 50,000 LF of old, deteriorated water lines with 8" PVC lines with new fire hydrants.	C	\$5,000,000.00		Yes-BC	\$1,250,000.00	
239	1	15101	Del Rio	M	TX2330001	34,673	This project is to install automated water meters.	C	\$5,000,000.00		Yes-BC	\$5,000,000.00	
88	26	14742	Denison	M	TX0910003	24,340	This project replaces water mains and addresses dead end lines.	DC	\$16,950,000.00	70%	Yes-BC	\$16,950,000.00	
41	36	14734	Dog Ridge WSC	W	TX0140044	929	Upsize existing water mains in the Sherwood Shores area. The project will also include an Asset Management Plan.	PADC	\$1,535,000.00	70%	Yes-BC	\$120,000.00	
37	38	14991	Donna	M	TX1080002	15,798	The proposed project consists of a 12" waterline to serve as an interconnect connected from the City of Weslaco's water tower to the City of Donna's pipeline.	PADC	\$1,463,738.45	70%			
131	20	14766	Dublin	M	TX0720001	4,207	Proposed project will replace the existing 14" water supply line.	PDC	\$2,380,000.00	70%	Yes-BC	\$2,316,000.00	

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<b>Public Water System</b>													
138	18	14979	East Medina Co SUD	D	TX1630030	1,535	Construction of waterline and interconnection of East Medina County SUD Unit 3 PWS with East Medina County SUD Unit 1 PWS.	PADC	\$2,313,000.00				
183	10	14978	East Medina Co SUD	D	TX1630029	396	Construction on pipeline and interconnection of Creekwood public water system with EMCSUD Unit 2 system.	PADC	\$1,631,400.00				
186	10	14977	East Medina Co SUD	D	TX1630030	1,535	East Medina County Special Utility District seeks funding to establish backup power for Unit 3 PWS 1630030.	DC	\$252,000.00				
191	10	14980	East Medina Co SUD	D	TX1630020	2,267	Construct 100,000-gallon elevated storage tank at East Medina County SUD Plant 4.	DC	\$1,957,000.00				
194	10	14975	East Medina Co SUD	D	TX1630010	5,560	Construction of pipeline and interconnection of East Medina County SUD Unit 1 PWS with East Medina County SUD Unit 2 PWS	PADC	\$4,685,000.00				
202	8	14976	East Medina Co SUD	D	TX1630020	2,267	Construction of pipeline and interconnection of East Medina County SUD Unit 2 PWS with East Medina County SUD Unit 1 PW.	PADC	\$4,575,000.00				
19	57	14735	East Rio Hondo WSC	W	TX0310096	34,269	The WSC Martha Ann Simpson Water Treatment Plant (MASWTP/WTP) project includes addition of flocculation basins, DAF basins, and support equipment to improve the overall water treatment process. This project also includes a 350-KW emergency generator for ERHWSC to utilize during emergencies.	DC	\$14,063,200.00	70%			
20	57	14951	East Rio Hondo WSC	W	TX0310096	34,269	The North Cameron Reverse Osmosis Treatment Plant (NCRO/WTP) project proposes to expand the WTP for an additional 2.3 MGD of treatment capacity.	DC	\$18,994,800.00	70%			
96	24	14992	East Rio Hondo WSC	W	TX0310096	34,269	The ERHWSC distribution system capacity is limited and the proposed upgrade is a 16" pipeline over 10 miles long to convey additional water from the RO plant to the east side of the system where the greater population demand is located.	PADC	\$11,807,000.00	70%			
135	20	14993	East Rio Hondo WSC	W	TX0310096	34,269	This project includes a 1.0MW generator to power the North Cameron Regional Water Plant including water wells.	PDC	\$1,337,000.00	70%			
66	33	14860	Eastland Co WSD	D	TX0670019	11,559	Re-clear the pipeline ROW and replace the existing raw water transmission pipeline with a new fusion-welded, high-density polyethylene (HDPE) pipeline.	PDC	\$10,690,040.00	70%	Yes-BC	\$10,690,000.00	
104	23	14916	El Tanque WSC	W	TX2140029	2,643	The proposed project will replace the WSC's existing 0.054 MG bolted ground storage tank (GST) with a larger welded steel GST.	PADC	\$1,350,000.00	70%			

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<b>Public Water System</b>													
247	1	14790	Ennis	M	TX0700001	21,203	Remove and replace existing old, undersized, and deteriorating waterlines with a new larger diameter waterline.	PDC	\$8,572,000.00				
3	146	14830	Eola WSC	W	TX0480011	165	The proposed project includes replacement of sections of the water treatment system with a new reverse osmosis (RO) system and construction of a new RO reject and backwash disposal system.	PDC	\$4,176,000.00	70%	Yes-BC	\$4,176,000.00	
4	112	14888	Ericksdahl WSC	W	TX1270005	274	The proposed project includes tank mixing, disinfection improvements, waterline replacement, and automatic meter reading systems	PADC	\$2,421,500.00	70%	Yes-BC	\$160,500.00	
32	40	14805	Etoile WSC	W	TX1740011	1,970	Replace Well No. 2, tank rehabilitation, and USDA repayment.	PADC	\$3,030,525.00	70%			
241	1	14946	Fair Play WSC	W	TX1830007	738	Fair Play WSC would like to replace one of their existing 20,000 gallon ground storage tanks, rehabilitate the existing pressure tank, and upgrade water mains along US 79.	P	\$18,000.00				
261	0	14822	Fairfield	M	TX0810001	4,411	This project involves constructing a new high service pump station at their existing well site, chlorination facilities, 400,000-gallon ground storage tank, generator, and line extensions to connect the tank into the distribution system.	PDC	\$4,002,934.00				
169	11	14918	Fort Bend Co MUD # 131	D	TX0790450	2,341	Water plant improvements including recoating of booster pumps, hydropneumatic tanks, piping, and galvanized storage tanks. The improvements also include an iron and manganese reduction system for the groundwater supply.	PDC	\$4,100,000.00				
264	0	14800	Fort Stockton	M	TX1860001	8,433	The City is developing a project to diversify its drinking water portfolio beyond the Edwards-Trinity Aquifer for system resilience.	DC	\$14,850,000.00				
250	1	14753	Fort Worth	M	TX2200012	955,900	This project will involve the replacement of approximately 1,200 known customer-owned lead service lines and known galvanized service lines requiring replacement.	C	\$12,000,000.00				
245	1	14963	G & W WSC	W	TX0930048	1,962	This project will replace undersized watermains and allow the existing system to meet the states fire protection requirements.	PDC	\$4,100,000.00				
217	4	14741	Garland	M	TX0570010	246,018	Garland Water Utilities and Garland Power & Light propose to upgrade existing Automated Meter Reading systems to Advanced Metering Infrastructure.	C	\$10,000,000.00		Yes-BC	\$10,000,000.00	
10	78	14932	Gladewater	M	TX0920001	6,819	Improvements to the water system.	PDC	\$5,495,000.00	70%			
59	33	14895	G-M WSC	W	TX2020067	11,220	Upgrade existing plant components and replace water lines. Includes the creation of an asset management plan.	PDC	\$3,193,300.00	70%			

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<b>Public Water System</b>													
259	0	14786	Goodsprings WSC	W	TX2010016	2,346	Replacement of old and/or undersized lines and creation of loops in the system.	PDC	\$2,400,000.00				
110	22	14868	Graford	M	TX1820003	730	Replace existing water lines, install a SCADA system and radio read meters.	PDC	\$600,000.00	70%	Yes-BC	\$600,000.00	
130	20	14807	Grand Saline	M	TX2340003	3,215	Water system improvements to include anew water well and EST rehabilitation and improvements.	PADC	\$2,530,000.00	70%			
220	3	14850	Grandfalls	M	TX2380003	395	The City of Grandfalls aims to enhance its water system by upgrading the existing residential metering system.	PADC	\$314,500.00		Yes-BC	\$314,500.00	
189	10	14874	Grandview	M	TX1260004	1,841	This project consists of replacing deteriorated distribution lines.	PDC	\$3,760,440.00		Yes-BC	\$2,809,750.00	
190	10	14875	Grandview	M	TX1260004	1,841	This project consists of installing two new water wells and installing a new backup generator at the elevated storage tank site.	PADC	\$1,179,250.00				
182	10	14927	Grantwoods WSC	W	TX1010130	78	Upgrade and replace aging asbestos-Cement distribution lines installed in mid- 1960's. Replace aged meters with 'SmartMeters' to ensure reliable accountability. Elevate chlorine treatment system above prior flood levels.	PDC	\$244,000.00		Yes-BC	\$220,000.00	
121	21	14751	Grapeland	M	TX1130002	1,489	Rehabilitation/replacement of components within the water system and distribution system upgrades and improvements.	PDC	\$1,625,000.00	70%			
31	40	14876	Greater Texoma UA	M	TX0910011	1,906	Proposed project includes adding a backup generator and adds funds for construction of a previously funded project.	DC	\$3,149,144.00	70%			
225	3	14877	Greater Texoma UA	M	TX0740019	2,094	Pump stations #1 & #3 will each receive two new 500 gpm pumps. A new, 6,000 gallon pressure tank to be installed. There will be replacement/addition of approximately 28,465 LF of 6" water distribution line to the system. The Corporation will begin replacement of current meters with new radio read meters.	PDC	\$2,777,217.00		Yes-BC	\$1,050,000.00	
48	35	14760	Greenville	M	TX1160004	32,000	Construct a new Water Plant.	C	\$61,500,000.00	70%	Yes-BC	\$6,500,000.00	
57	33	14797	Groveton	M	TX2280001	1,094	System study and water distribution line replacements.	PDC	\$2,580,000.00	70%			
101	23	14964	Gum Springs WSC	W		10,257	The project includes constructing a new water plant including high service pump station, two pressure tanks, two ground storage tanks, and 5,400 linear feet of 12" water main.	PDC	\$3,103,668.00				
75	31	14948	Hamilton	M	TX0970001	3,200	Replacement of deteriorated waterlines.	PDC	\$2,532,337.00	70%			
49	35	14936	Hardin WSC	W	TX1460009	5,439	New groundwater production well, elevated storage tank and related appurtenances.	PDC	\$3,466,000.00	70%			

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<b>Public Water System</b>													
68	32	14934	Hardin WSC	W	TX1460009	5,439	Replace undersized waterlines throughout the water system.	PDC	\$3,761,000.00	70%			
136	20	14855	Harlingen Water Works System	M	TX0310002	84,607	Project to replace AC pipes using pipe bursting methods in a neighborhood experiencing the highest frequency of breaks is proposed to reduce water service interruptions, distribution system O&M costs, and water loss.	DC	\$7,015,000.00	70%			
237	1	14852	Harlingen Water Works System	M	TX0310002	84,607	The proposed project replaces approx. 3,100 LF of a raw water pipe to increase capacity that matches the WTP's capacity.	PADC	\$7,155,000.00				
269	0	14853	Harlingen Water Works System	M	TX0310002	84,607	Solids handling improvements consisting of new temporary lagoons, a new access road and a new sludge pump station and force main at the Downtown WTP and a new sludge pump station and force main at the MFR WTP are proposed to discharge dilute sludge to the sewer collection system and dewater it at the WWTP together with WWTP biosolids.	PADC	\$6,875,000.00				
86	26	14994	Harris Co FWSD # 1A	D	TX1010082	2,166	The proposed project aims to transition the district's water supply system from traditional water meters and fire hydrants to smart meters and fire hydrants.	PDC	\$626,500.00	70%	Yes-BC	\$450,000.00	
177	11	15184	Harris Co WCID # 91	D	TX1010063	3,018	Waterline rehabilitation.	PDC	\$5,170,000.00				
252	0	14893	Harrold WSC	W	TX2440002	141	Install a new supply line and repair the existing elevated storage tank.	PDC	\$300,000.00				
150	14	14917	Hawley WSC	W	TX1270006	7,830	Hawley Water Supply Corporation is proposing to upgrade an existing booster pump station, install two (2) new booster pump stations for two (2) respective pressure planes, and upsize various transmission lines throughout their distribution system.	PDC	\$26,695,000.00		Yes-BC	\$26,764,000.00	
137	19	14804	Hays County	C		234,573	This project proposes to decommission this problematic well and replace it with a new well at a location.	ADC	\$7,665,000.00				
109	22	14969	Hidalgo Co DD # 1	D	0	180,000	Planning, design, permitting and construction of a 5 MGD Water Treatment Plant with intake pump station, reservoir and distribution system.	PDC	\$25,759,700.00		Yes-BC	\$25,800,000.00	
90	26	14773	Hitchcock	M	TX0840004	7,341	The purpose of this project is to improve the City's water distribution system through the installation of additional valves and the targeted replacement of undersized mains. The project also includes the rehabilitation of its water production facilities to provide safe drinking water.	PDC	\$24,771,000.00		Yes-BC	\$2,000,000.00	
127	20	14826	Holiday Beach WSC	W	TX0040015	1,836	Water Line Improvements.	PDC	\$2,350,000.00	70%			



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<b>Public Water System</b>													
246	1	14995	Hondo	M	TX1630002	8,332	Replace deteriorated and undersized waterlines. Replace deteriorated electrical equipment at well sites.	PDC	\$13,355,000.00		Yes-BC	\$9,955,070.00	
172	11	14973	Houston	M	TX1010013	3,563,653	Accelerated rehabilitation and replacement of large diameter (>20") water distribution infrastructure to address deficiencies affecting water quality, fire flow availability, water loss, system design and asset age. Includes replacement of lines undersized for current usage, improve integrity of water supply, and replacement of end-of-life components (lines, valves, appurtenances). Work to be performed within existing City rights-of-way under task order-based contracts.	C	\$40,000,000.00				
173	11	14974	Houston	M	TX1010013	3,563,653	Accelerated rehabilitation and replacement of small diameter (2"-20") water distribution infrastructure to address deficiencies affecting water quality, fire flow availability, water loss, sub-standard water lines, system design and asset age. Includes replacement of lines undersized for current usage, improve integrity of water supply, and replacement of end-of-life components (lines, valves, appurtenances). Work to be performed within existing city right-of-way under task order-based contracts.	C	\$40,000,000.00				
9	91	14769	Huntington	M	TX0030002	2,121	Drill a new water well and install aerators inside elevated storage tanks.	PADC	\$1,941,000.00	70%			
84	28	14873	Jacksboro	M	TX1190002	4,450	The project will double the capacity of the WTP and construct a new booster pump station (BPS) and upsizing transmission lines.	DC	\$43,529,000.00	70%			
128	20	14771	Jefferson	M	TX1580001	1,883	Waterline Upgrades.	PDC	\$4,355,000.00	70%			
139	18	14986	Johnson County SUD	D	TX1260018	53,832	This project is a new Reverse Osmosis Water Treatment Plant for JCSUD.	PADC	\$95,038,000.00				
198	10	14945	Johnson County SUD	D	TX1260018	53,832	This project involves the installation and construction of waterlines, storage tanks (ground and elevated) and pump stations to serve the pressure plane.	PADC	\$33,130,000.00				
167	12	14971	Junction	M	TX1340001	2,507	The City of Junction is currently cited by TCEQ on various issues at the WTP. The City's water system requires equipment for emergency events. The membrane filters need to be replaced. The City has failing ACP and lead pipes Creation of a city-wide Water System Asset Management Plan.	DC	\$710,000.00				

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<b>Public Water System</b>													
262	0	14791	Justin	M		4,441	This project includes the addition of a ground storage tank and high service pump station.	DC	\$5,947,000.00				
78	30	15106	K-Bar/English Acres		TX1250033	111	New registered water well, chlorination, and water meters.	PDC	\$1,085,000.00	70%			
64	33	14763	Keene	M	TX1260008	6,266	Replace approximately 14,000 linear feet of 2-inch through 8-inch water line. Install a new well and pump station facilities.	PDC	\$3,523,000.00	70%	Yes-BC	\$3,523,000.00	
43	36	14794	Kemp	M	TX1290004	2,973	Upgrades and replacement of aging Raw Water Intake/Transmission Line, WTP, transmission lines, and added storage capacity.	PADC	\$18,235,000.00	70%			
196	10	14829	Kingsland WSC	W	TX1500012	11,163	This project will include the creation of a new boosted pressure zone within the main pressure zone by constructing a new booster pump station, elevated storage tank (EST), and performing system distribution improvements. The second component of this project will be improving the transmission capacity between the EST located at the KWSC water treatment plant and the standpipe located near the intersection of FM 1431 and RR 2545.	DC	\$11,469,000.00				
268	0	14929	Kingsville	M	TX1370001	25,069	Replace current water meters with more efficient water meters and the Automated Metering Infrastructure (AMI)	PADC	\$9,537,546.00				
184	10	14870	Knollwood	M	TX0910146	590	This project will include replacing/improving undersized water mains, replacing lead service lines, and installing new isolation valves to improve operation and maintenance.	PDC	\$300,000.00				
151	14	14985	La Marque	M	TX0840006	18,030	Replace existing 2-inch waterline to reduce water loss, improve water quality, improve fire flow protection and reduce maintenance costs.	PADC	\$16,530,000.00				
224	3	14907	Lake Palo Pinto Area WSC	W	TX1820069	1,932	This project is targeted mainly at making distribution system improvements to bring the system in compliance with TCEQ. It also includes pump station improvements to eliminate an existing inline booster pump station, and replace old infrastructure and SCADA improvements and piping insulation at the Water Treatment Plant.	PDC	\$7,730,000.00		Yes-BC	\$5,763,000.00	
17	63	14944	Lakeview WSC	W	TX0960014	98	Lakeview WSC proposes to make improvements to their pump station including installation of a new generator and nitrate removal system media replacement	C	\$60,000.00				
113	21	14784	Lexington	M	TX1440002	1,261	Smart metering system.	PDC	\$1,370,000.00	70%	Yes-BC	\$1,370,000.00	

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<b>Public Water System</b>													
36	39	14879	Loma Alta WSC	W	TX0950059	72	The WSC plans to install a treated water supply line from an adjacent WSC in order to purchase blending water to treat the nitrates. The project includes rehabilitation of the existing pump station, a new ground storage tank, supply line, sand trap, service pumps, chlorination system, water meters, and all associated valves and appurtenances.	PDC	\$300,000.00				
188	10	14814	Loop 360 WSC	W	TX2270242	1,770	Improvements to the existing Loop 360 WSC Water Treatment Plant.	DC	\$4,435,471.00				
61	33	14750	Loraine	M	TX1680002	602	Replacement of various portions of the City's potable water distribution pipeline and valves.	PDC	\$3,840,000.00	70%	Yes-BC	\$3,840,000.00	
34	40	14914	Los Fresnos	M	TX0310004	8,023	City wide rehabilitation of existing water distribution lines. The project consists of the removal and replacement of approx. 80,000 LF of water lines.	C	\$12,533,590.00	70%			
248	1	14967	Lower Valley WD	D	TX0710154	93,061	The project's goal is to provide water to the LVWD community through the installation of 12,660 LF of new 12" PVC water line and 4,478 LF of new 8" PVC water lines and all other necessary appurtenances. An asset management plan is expected to be part of the proposed project.	DC	\$6,252,714.00				
249	1	14968	Lower Valley WD	D	TX0710154	93,061	The project consists of the installation of a 1 MG GST, approximately 8,000 LF of 16-inch ductile iron transmission line to connect to the nearest existing transmission line in the District.	PC	\$6,452,559.00				
270	0	14938	Lower Valley WD	D	TX0710154	93,061	The project involves the construction of a new 35-ft tall steel ground storage tank along with a 1,000 gpm water booster station and a new 12" water main of an approximate length of 14,500 lineal feet. The water main will extend from North Loop Dr. to Interstate 10 along existing County of El Paso and TxDOT right-of-way and existing LVWD easements.	DC	\$6,445,764.00				
55	34	14815	Marble Falls	M	TX0270026	6,542	The City is undertaking the replacement of the dilapidated Via Viejo High Service Water Pump Station and vital flood proofing improvements to the Raw Water Intake at the City's Water Treatment Plant.	DC	\$6,150,000.00	70%			
95	24	14832	Marble Falls	M	TX0270026	6,542	The City of Marble Falls intends to acquire an existing public water system (Capstone Water System) to supplement their existing drinking water supply.	ADC	\$14,000,000.00	70%			
254	0	14789	Marsha WSC	W	TX2270040	680	Marsha WSC will replace waterlines and replace meters.	PADC	\$5,571,400.10		Yes-BC	\$1,166,970.00	

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<b>Public Water System</b>													
26	44	14833	Mason	M	TX1600001	2,114	Improvements to the distribution system including line replacement, ground storage improvements, and additional water production.	PADC	\$17,439,680.00		Yes-BC	\$11,854,000.00	
174	11	14861	Matador WD	D	TX1730001	607	Replace the existing GST level controls, well pump controls, and the existing groundwater pipeline with a new fusion-welded, high-density polyethylene (HDPE) pipeline.	PDC	\$9,182,000.00		Yes-BC	\$9,182,000.00	
218	3	14965	Matagorda Waste Disposal & WSC	W	TX1610013	1,497	This project includes replacement/upsizing of undersized water mains, installation of isolation valves, and providing system looping capabilities.	PDC	\$2,380,000.00				
223	3	14970	Matagorda Waste Disposal & WSC	W	TX1610013	1,497	This project will replace aging and deteriorating water system and add an additional 50 customers.	PDC	\$8,195,000.00				
271	0	14896	McAllen	M	TX1080006	143,920	This Project consists of improvements to existing back-up power facilities at both our south and northwest water treatment facilities.	C	\$6,750,000.00				
97	23	14933	Medina Highlands	P	TX0100041	140	Medina Highlands seeks emergency funding for a replacement well to provide adequate long-term supply for the small public water system. Medina Highlands is currently mediating settlement of an increased rate at the PUC.	C	\$354,000.00				
98	23	14801	Medina WSC	W	TX0100013	780	Project includes new well to increase system capacity; increase system pressure storage capacity with a new hydropneumatics pressure tank; system-wide SCADA and booster pump upgrades; replace and relocate pressure reducing valves (PRV); repair critical infrastructure including 1 - 50,000-gal EST and 2 - 50,000-gal GST; and an Asset Management Plan.	PDC	\$1,162,000.00			\$138,406.00	
115	21	14950	Military Highway WSC	W		46,000	Military Water Supply Corporation will be upgrading 29,000 LF of existing waterline.	PADC	\$3,250,000.00	70%			
116	21	14952	Military Highway WSC	W		46,000	Military Highway Water Supply Corporation will be performing needed repairs on 8 ground storage tanks at four existing site locations.	PDC	\$2,065,000.00	70%			
234	2	14827	Millsap WSC	W	TX1840007	1,477	Millsap WSC proposes install generators at their pump stations (3), install SCADA at their pump stations (3), master meter and office, and install new water lines, and loop existing distribution lines.	PDC	\$833,500.00		Yes-BC	\$150,000.00	
122	21	14905	Mineola	M	TX2500002	4,515	Start data collection and mapping for Lead Service Line Inventory Survey, upgrades to water distribution system, and create an asset management plan.	PDC	\$5,500,000.00	70%			

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<b>Public Water System</b>													
206	6	14942	Mission	M	TX1080008	77,058	City of Mission new 6 MGD Water Treatment Plant will expand the total production capacity of treated water from the permitted 25.5 MGD production capacity to 31.5 MGD for the City of Mission CCN.	PADC	\$30,145,000.00		Yes-BC	\$240,000.00	
240	1	14772	Montgomery Co FWSD # 6	D	TX1700142	408	FWSD#6's water plant is in need of pressure tank replacement, ground storage tank repairs, new water well, and replacement of old water lines within the distribution system.	PDC	\$3,690,000.00		Yes-BC	\$175,000.00	
92	24	14748	Mooreville WSC	W	TX0730015	216	Mooreville WSC (MWSC) water distribution system and single-phase high service pump station is old and has reached the end of its useful life and is undersized. The pump station must be upgraded to meet TCEQ requirements of 2.0 gpm per connection (total 144 gpm). Larger pumps require 3-phase power at the pump station using phase converters. A new diesel standby power generator and new 2,000-gallon hydro-pneumatic pressure tank is required. The proposed project will replace all of MWSC's distribution mains and will upsize mains that are currently undersized and result in poor water pressures and flows. The proposed project will construct new 2-inch to 4-inch water mains.	PADC	\$3,824,250.00				
79	30	14762	Moran	M	TX2090002	178	Replacing flush valves, isolation valves and water distribution lines.	PDC	\$500,000.00	70%	Yes-BC	\$350,000.00	
126	20	14803	Moulton	M	TX1430002	980	Construction of two new water wells and abandonment of wells #2 & #4. Update the capacity of the water treatment plant to include 3 generators with auto transfer switches, connection to raw water lines, instrumentation, control, and electrical for two wells, yard piping, security fencing, and grading.	PDC	\$14,450,000.00	70%			
176	11	14886	Mount Vernon	M	TX0800001	2,662	Improvements to water distribution system to replace aging waterlines and meters. Install emergency generators.	DC	\$5,364,700.00		Yes-BC	\$1,557,600.00	
256	0	14747	Murchison	M	TX1070027	1,050	This project will include a hydraulic water model, new system mapping, removal and replacement of existing critical waterlines, and pump station upgrades.	PDC	\$1,860,000.00				
242	1	14947	Murvaul WSC	W	TX1830010	860	This project will install an ew water main to provide water to customers along County Road 183 & County Road 184 just north of Lake Murvaul.	PADC	\$890,110.00				
165	13	14767	Navarro Mills WSC	W	TX1750024	3,539	Upgrade existing pumping and transmission/distribution facilities	PADC	\$3,407,500.00				

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<b>Public Water System</b>													
11	77	14949	New Home	M	TX1530004	326	Installation of a new RO system including buildings, storage tanks, and appurtenances. Complete an Asset Management Plan.	PADC	\$1,438,155.25				
18	59	14754	New Summerfield	M	TX0370028	1,428	Addition of Elevated Storage Tank to the existing system. Addition of Water Well to the existing system. New and replacement of waterlines.	PADC	\$3,915,000.00				
5	107	14761	Nueces Co WCID # 3	D	TX1780005	6,994	Proposed project to replace small diameter waterlines; and installing AMR meters	PADC	\$9,439,422.40	70%	Yes-BC	\$2,152,978.00	
45	35	14892	O'Donnell	M	TX1530001	714	Improvements to the distribution system including line replacement, pumping, ground storage improvements, and additional water production.	PADC	\$17,442,020.00		Yes-BC	\$17,443,000.00	
168	12	14999	Olney	M	TX2520003	3,100	The City of Olney plans to rebuild sustainable water infrastructure citywide and provide access to waterlines in a systematic manner. Through strong infrastructure planning and management practices, Olney will make access to water sustainable in the long term and prepare an asset management plan.	PADC	\$13,990,000.00				
133	20	14983	Onalaska WSC	W	TX1870009	5,550	This project includes a distribution line extension to create a bypass, waterline replacement, and a ground storage tank replacement to mitigate the demands on well cycle for re-stabilizing system flows and pressures.	DC	\$1,281,955.00		Yes-BC	\$1,125,000.00	
47	35	14817	Orange	M	TX1810004	22,205	Construct a new Water Well Plant.	PADC	\$3,866,100.00	70%			
27	44	14899	Paducah	M	TX0510001	1,186	The project includes replacement sections of the distribution system; replacement of the main transmission line that transports the water from Paducah's well field to town; and rehabilitation of the three remaining ground storage tanks at the well field to stop the corrosion that is prevalent on each of the three tanks, and addition of backup generators.	PDC	\$13,054,000.00	70%	Yes-BC	\$13,000,000.00	
67	32	14738	Palacios	M	TX1610004	4,700	The proposed projects include water main replacement throughout the City, construction of a new groundwater well, and rehabilitation of an existing groundwater well.	PDC	\$11,300,000.00	70%			
200	10	14846	Parker County SUD	D	TX1840025	4,113	To support increasing demands, the District intends to construct a second WTP in its water system.	PADC	\$66,491,000.00		Yes-BC	\$66,491,000.00	
201	9	14843	Parker County SUD	D	TX1840025	4,113	This project will include the development of a brackish water well to augment the District's source water supply for treatment at its existing desalination WTP.	PDC	\$9,855,000.00		Yes-BC	\$9,855,000.00	

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<b>Public Water System</b>													
203	6	14845	Parker County SUD	D	TX1840079	4,113	The District proposes to construct a raw water storage basin to support scalping of flood water when available.	PADC	\$73,349,000.00		Yes-BC	\$73,349,000.00	
204	6	14847	Parker County SUD	D	TX1840079	4,113	The project to expand its existing WTP.	PDC	\$33,834,000.00		Yes-BC	\$33,834,000.00	
205	6	14848	Parker County SUD	D	TX1840025	4,113	Restoration of components of the existing Greenwood groundwater system.	PDC	\$2,853,000.00		Yes-BC	\$2,853,000.00	
211	4	14844	Parker County SUD	D	TX1840025	4,113	Completion of distribution improvements for the District's North and South pressure planes.	PADC	\$30,072,000.00		Yes-BC	\$30,072,000.00	
51	34	14924	Pearsall	M	TX0820002	9,346	This project extends 8-inch waterline to existing homes and businesses on the north I-35 business road and replaces waterline in the City. Project also includes a new well and elevated storage tank to serve existing customers west of I-35. Completion of an asset management plan.	PDC	\$13,240,000.00	70%			
134	20	14926	Pearsall	M	TX0820002	9,346	Phase 1 for compliance with upcoming lead and copper rule changes to complete the inventory of all service lines.	P	\$190,000.00	70%			
148	15	14872	Penelope WSC	W	TX1090026	206	Replace old, deteriorated and under capacity water mains.	PDC	\$300,000.00				
229	3	14940	Pflugerville	M	TX2270014	141,571	Construction of water lines along State Highway 130, update to the City's Water Master Plan, and a Downtown Water Utility study.	PADC	\$15,550,000.00				
230	3	14941	Pflugerville	M	TX2270014	141,571	New water lines to improve system efficiency and serve increased demand.	PADC	\$33,125,000.00				
231	3	14960	Pflugerville	M	TX2270014	141,571	Rehabilitation at various locations to bring the distribution system within current design standards.	PDC	\$10,200,000.00				
236	2	14957	Pflugerville	M	TX2270014	55,453	This project includes the expansion of the City's existing Colorado River raw water pumping and transmission system, which will nearly double the City's raw water supply capacity.	AC	\$136,000,000.00		Yes-BC	\$1,500,000.00	
81	30	14867	Pinehurst	M	TX1810009	2,235	The City of Pinehurst proposes to construct a new water well to improve the City existing water system.	PADC	\$3,927,400.00	70%			
120	21	14962	Pineland	M	TX2020002	1,120	Construction of a pump station and storage facilities at the Well 3 site to provide redundant system pressure allowing for maintenance during times when the existing elevated storage tank is taken offline. Proposed facility will also support pressure maintenance in the northern part of the City during normal operations.	PDC	\$1,941,600.00	70%			

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<b>Public Water System</b>													
50	34	15166	Plott Acres PWS	W	TX1520062	204	Planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing adsorption system required to meet primary drinking water MCLs damaged in winter storm Uri in 2021. Interconnection with City of Lubbock will be explored as a best long-term alternative. If transmission funds allow service will be offered to private wells. An additional storage tank is needed. An Asset Management Plan will be completed. Urgent Needs - Securing Safe Water Initiative to meet primary drinking water MCLs.	PADC	\$1,887,000.00				
82	30	14925	Port Arthur	M	TX1230009	53,818	Project consists of a proposed 20-MGD surface water treatment plant and 36" diameter water transmission main from the new SWTP to Sabine Pass.	PADC	\$307,739,900.00	70%			
23	47	14890	Presidio County	C		6,975	Presidio County has numerous needs for their groundwater and drinking water facilities. This project contemplates making significant improvements to these water facilities.	PDC	\$25,310,000.00	70%	Yes-BC	\$6,850,000.00	
179	11	14987	Primera	M	TX0310094	5,167	The City of Primera plans to replace aged, malfunctioning, or high loss meters with new meters equipped with cellular data monitoring technology. The City is proposes to replace their two high service pumps at their water tower. The City plans to install a new supply connection to East Rio Hondo Water Supply Corporation. The City will develop an asset management plan for their water system.	PDC	\$4,020,000.00				
12	76	14745	Rayburn Country MUD	D	TX1210014	2,976	Project plans to install a new water well and related equipment, filtration and backwash systems at all wells, installation of SCADA, rehabilitate the storage tanks, install a pressure monitoring system for the distribution system, and install a new office facility.	PADC	\$6,050,983.00		Yes-BC	\$100,000.00	
114	21	14897	Raymondville	M	TX2450001	10,574	The City of Raymondville is proposing to remove and replace approximately 15,000 LF of existing waterlines. Installation of one emergency generator at the existing Reverse Osmosis Water Plant.	PDC	\$4,236,532.00	70%			
144	16	14996	Red River Authority	D	TX2440008	705	System improvements to meet regulatory compliance include upgrading the Vernon West Pump Station, constructing a new water tower, and upgrading distribution lines.	PADC	\$2,464,000.00				
152	14	14997	Red River Authority	D	TX1690005	523	Project will make miscellaneous improvements at the Ringgold, LA Tucker, Nimmo, and Alexander Pump Stations, including tank rehabilitation and pump station upgrades.	PDC	\$1,254,200.00				



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<b>Public Water System</b>													
160	13	14998	Red River Authority	D	TX1690005	122	Drill a new well for the RRA Ringgold Water System	PADC	\$340,000.00				
76	31	14824	Red River Co WSC	W	TX1940008	6,541	The project involves constructing three 200-gpm wells around the county, a 150,000-gallon elevated storage tank, approximately 18,800 LF of line extensions to connect these facilities to the distribution system, and approximately 58,150 LF of line replacement and upsizing around the system.	PADC	\$9,551,350.00	70%			
99	23	14808	Redwater	M	TX0190008	4,356	New elevated storage tank and distribution system improvements.	PADC	\$5,685,000.00	70%			
185	10	14806	Rehobeth WSC	W	TX1830012	1,101	Install a new designated fill line to the elevated storage tank, disinfection system relocation, distribution line improvements, and install a new aerator.	PDC	\$3,078,250.00				
40	37	15491	Rio Grande City	M	TX2140018	15,494	Rio Grande City Water Treatment Plant No. 1 rehabilitation.	PDC	\$16,100,000.00	70%			
8	93	14966	Rio Hondo	M	TX0310006	2,356	Build a 0.65 MGD Reverse Osmosis Treatment Plant and water well.	PDC	\$4,132,800.00	70%			
118	21	14864	Roaring Springs	M	TX1730002	231	For this project, Roaring Springs will be drilling a new production water well and installing a new transmission line from the relocated well to the city's standpipe.	PADC	\$3,503,000.00	70%	Yes-BC	\$3,503,000.00	
80	30	14943	Rochester	M	TX1040002	464	This project involves backup power generation, an AMR meter system, and the replacement of old waterlines.	PDC	\$600,000.00	70%	Yes-BC	\$120,000.00	
155	13	14955	Rock Hill WSC	W	TX1830014	1,059	The WSC currently only has one water well that they can normally operate (Well No. 2) due to high total dissolved solids. The WSC is pursuing an additional well to supplement the production of Well No. 2 and reduce the amount of purchased water required from the City of Carthage.	PDC	\$572,232.00				
162	13	14865	Rolling Hills WS	W	TX1110032	201	Rolling Hills Water Service will be installing an AMI metering system, and replacing portions of the distribution system.	PDC	\$2,750,000.00		Yes-BC	\$2,750,000.00	
91	25	14834	Roma	M	TX2140007	19,123	The City is addressing the need for Phase I (6 MGD) of a new water treatment plant (WTP).	PDC	\$91,049,000.00	70%	Yes-BC	\$91,049,000.00	
163	13	14961	Rowena WSC	W	TX2000004	480	This project will reduce TTHM levels to gain compliance with the Stage 2 DBP Rule as well as address the open TCEQ compliance issues.	PDC	\$8,211,900.00		Yes-BC	\$8,211,000.00	
15	66	14866	Royal Oaks Apartments	P	TX0860080	57	Royal Oaks Water System Improvements	PDC	\$899,355.00	70%	Yes-BC	\$331,925.00	
125	20	14878	Rule	M	TX1040003	540	This project involves the replacement of old cast iron lines with new lines, an AMR meter system, EST rehab, and backup power generation.	PDC	\$993,500.00	70%	Yes-BC	\$157,500.00	

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<b>Public Water System</b>													
277	0	14792	San Antonio Water System	M	TX0150018	2,046,513	A new 3 MG EST located in Pressure Zone 828, near General McMullen and Highway 90.	D	\$3,226,708.00				
44	36	14972	San Benito	M	TX0310007	28,203	The City proposes to replace existing asbestos cement (AC) and cast iron waterlines on both sides of Business 77. Phase I TMF/AMP Report has been completed. We anticipate Phase I adoption March 2023. Final AMP to be completed and adopted by June 2023. This project will serve a disadvantaged community (see attached "Disadvantaged Community Worksheet".)	PDC	\$8,672,467.30	70%			
213	4	14818	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12-inch asbestos cement water transmission lines along Grogan's Mill Road between Research Forest Drive and Woodlands Parkway, Lake Woodlands Drive between Grogan's Mill Road and Pinecroft Drive, and Six Pines Drive between Timberloch Drive and North Millbend Road.	C	\$14,620,000.00				
214	4	14819	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12-inch asbestos cement water transmission lines along Lake Front Circle and Pinecroft Drive between Grogan's Mill Road and IH-45.	ADC	\$10,835,000.00				
215	4	14820	San Jacinto RA	D	TX1700197	112,439	This project includes the replacement of 12-inch and 16-inch asbestos cement water transmission lines along Grogan's Mill Road south of Woodlands Parkway.	ADC	\$19,345,000.00				
216	4	14821	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12, 16, 20, 24 and 30-inch asbestos cement, steel reinforced concrete pipe and ductile iron pipe along New Trails Dr., Technology Forest Blvd., Research Forest Dr., Gosling Rd., Shadowbend Circle, Quiet Oak Circle, and Golden Shadow Circle.	ADC	\$34,860,000.00				
69	32	14746	San Jacinto SUD	D	TX2040033	4,008	San Jacinto SUD is in need of a new water well to serve region's of its service area experiencing pressure loss and water capacity issues. An Asset Management plan for the District will be created as well in order to serve future developments in the service area and maintain its existing water system infrastructure.	PDC	\$2,000,000.00	70%	Yes-BC	\$150,000.00	
166	13	14882	San Leon MUD	D	TX0840063	5,144	This project will involve replacement of water distribution mains and related appurtenances.	DC	\$13,300,000.00		Yes-BC	\$1,500,000.00	
70	31	14812	San Marcos	M	TX1050001	64,812	The project scope includes approximately 5,830 LF of 12-inch water main.	PADC	\$3,590,594.00	70%			
164	13	14900	Santa Anna	M	TX0420002	1,014	Replacement of various portions of the City's potable water distribution pipeline, valves, and fire hydrants.	PDC	\$4,605,000.00		Yes-BC	\$4,605,000.00	

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<b>Public Water System</b>													
83	28	14908	Santo SUD	D	TX1820010	3,090	The proposed project includes improvements to various portions of the water system to bring the system into compliance with TCEQ requirements and provide capacity for future growth.	PDC	\$8,380,000.00		Yes-BC	\$8,380,000.00	
22	55	14841	Seminole	M	TX0830012	8,917	The proposed project will add additional storage to the treatment system, and develop additional groundwater sources for the City. The project includes improvements and rehabilitation of existing pump stations within the distribution system.	PADC	\$6,090,000.00				
129	20	14828	Seymour	M	TX0120001	2,584	Improvements to the City's existing water wells to meet TCEQ regulations.	PDC	\$945,000.00	70%			
226	3	15001	Shallowater	M	TX1520003	3,108	Additional treatment, storage capacity, and fire protection	PADC	\$11,507,500.00				
1	555	14802	Silver Creek Village WSC	P	TX0270021	250	Water Treatment Plant and system upgrade.	PDC	\$2,370,783.00				
106	23	14857	Slaton	M	TX1520004	6,052	The City of Slaton is proposing the installation of a new elevated storage tank, two new groundwater wells, rehabilitation of existing wells, and pump station rehabilitation.	PDC	\$12,952,000.00	70%	Yes-BC	\$12,952,000.00	
112	22	14851	Snyder	M	TX2080001	10,753	The City of Snyder plans to make improvements to its water treatment plant.	PDC	\$1,988,200.00		Yes-BC	\$1,988,200.00	
28	44	14988	South Texas WA	D	TX1370035	49,534	South Texas Water Authority (STWA) needs to make infrastructure investments in three pumps in the Ricardo Water Supply Corporation Service area and two pumps in the Nueces Water Supply Corporation service area. Both entities served are by STWA, which acts as a wholesale water supplier. The Ricardo pumps need to be demolished and replaced, and include emergency power generators. The Nueces pumps need to be replaced due to leaking pumps that need constant service.	DC	\$7,829,762.00	70%			
158	13	14813	Splendora	M	TX1700087	10,716	The proposed project includes upsizing water mains throughout the city due to growth and need to provide adequate water pressure and capacity to the growing areas. Development of an Asset Management Plan with a Capital Improvement Plan is included.	PADC	\$10,049,130.00				
141	17	14795	Springtown	M	TX1840003	5,500	This project consists of installing smart water meters and repairing leaking water mains.	DC	\$5,550,000.00		Yes-BC	\$5,550,000.00	
52	34	14901	Spur	M	TX0630012	1,100	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,678,000.00	70%	Yes-BC	\$3,678,000.00	

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<b>Public Water System</b>													
42	36	14862	Stephens Regional SUD	D	TX2150007	3,173	SRSUD is proposing water system improvements which include upgrading a main arterial distribution main in the system to areas which are currently limited by the size of main. Improvements are also proposed for the water treatment plant (WTP) to address issues with again equipment and operational improvements to increase treatment efficiency.	PDC	\$11,710,000.00	70%	Yes-BC	\$11,710,000.00	
257	0	14787	Stockdale	M	TX2470003	1,413	The City of Stockdale proposes to install a new well to enable it to continue to provide reliable drinking water to its customers.	PADC	\$2,601,568.80				
93	24	14935	Streetman	M	TX0810016	345	The project consists of a new 150 gpm water well, raw water and treated water transmission mains, pump station improvements, and water meter replacement with AMR meters.	PADC	\$13,417,575.00	70%	Yes-BC	\$6,738,300.00	
143	16	14982	Stryker Lake WSC	W	TX0370033	702	The Stryker Lake Water Supply Corporation plans to upgrade a portion of the existing water distribution system in order to conserve water due to the age of the existing infrastructure. The existing water lines have deteriorated over time and result in excessive maintenance and water loss.	PDC	\$1,615,736.00				
6	102	14883	Study Butte WSC	W	TX0220035	196	This project involves the replacement of an existing ground storage tank, rehabilitating an existing water well and/or drilling a new water well, the replacement of existing water lines and valves, and installing new water lines.	PDC	\$907,500.00	70%			
77	31	14920	Sweetwater	M	TX1770002	11,198	Proposed project will expand the groundwater well field and complete an Asset Management Plan.	PADC	\$8,282,000.00	70%	Yes-BC	\$8,282,000.00	
159	13	14863	Swenson WSC	W	TX2170002	38	For this project, Swenson WSC will be making improvements to their high service pump station and ground storage tank.	PDC	\$2,056,000.00		Yes-BC	\$2,056,000.00	
207	6	14740	Tehuacana	M	TX1470013	283	The purpose of this project is replace/upsized undersized water mains that are causing issues within the system. Replacement of ex. valves, fire hydrants and installation of new valves, fire hydrants are also needed throughout for better operation and maintenance of the overall system.	PDC	\$300,000.00				
156	13	14774	Thorndale	M	TX1660003	1,263	Construction of new water well, transmission line from new water well, water treatment plant improvements, and asset management plan	PADC	\$19,495,000.00				

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<b>Public Water System</b>													
258	0	14825	Tioga	M	TX0910007	1,583	The project involves constructing a new high service pump station, 500,000-gallon elevated storage tank, 250,000-gallon ground storage tank, chlorination equipment, and a 400 gpm water well at the airport road site. Additionally, line extensions to connect the elevated storage tank into the distribution system are included.	PDC	\$12,420,655.00				
222	3	14736	Tom Green Co FWSD # 2	D	TX2260004	476	Water treatment plant improvements.	PDC	\$400,000.00				
7	96	15165	Town North Estates PWS	W	TX1520152	210	The project involves the planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing treatment system damaged in winter storm Uri in 2021. Interconnection with Lubbock will be explored as a more resilient long-term supply. An Asset Management Plan will be completed.	PDC	\$385,000.00				
16	63	15164	Town North Village PWS	W	TX1520094	650	The project involves the planning, design, and implementation of rehabilitation and replacement if necessary, of the existing treatment system damaged in winter storm Uri in 2021. The project also investigates options of interconnection with other PWS to provide blended water. Urgent Needs - Securing Safe Water Initiative to meet primary drinking water MCLs.	PDC	\$523,000.00				
140	18	14764	Travis County	C		1,226,805	This project will make physical improvements to the water distribution system.	DC	\$6,000,000.00				
251	1	14756	Travis County	C	TX2270001	1,226,805	Proposed project install a new 8-inch water main and additional water main service. Create an Asset Management Plan.	DC	\$5,350,000.00				
233	2	14921	Trent	M	TX2210009	269	The City desires to upgrade/replace the existing elevated storage tank and replace the existing 8" Asbestos Cement transmission supply line that is the only source of water.	PDC	\$8,223,000.00		Yes-BC	\$8,223,000.00	
30	41	14889	Union WSC	W	TX2140004	6,882	This project will include planning, evaluation, and testing for a new groundwater well and treatment plant. An Asset Management Plan will be developed.	PC	\$13,500,000.00	70%			
56	34	14842	Upper Leon River MWD	D	TX0470015	19,008	The proposed project includes improvements at the Water Treatment Plant (WTP) to address the aging infrastructure including rehabilitation of existing media filters, rehabilitation of Clarifier No. 2, clearwell improvements, backup generator improvements, and membrane facilities expansion.	PDC	\$10,836,000.00	70%	Yes-BC	\$10,836,000.00	

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<b>Public Water System</b>													
73	31	14881	Victoria Co WCID # 2	D	TX2350006	515	The Victoria County Water Control Improvement District No. 2 plans to rehabilitate a portion of the existing distribution system to allow for better service to the community. The project will consist of rehabilitating the existing dilapidated cast iron line to a more resilient material, and to increase the ground storage capabilities of the system by adding a needed ground storage tank to the existing system.	PDC	\$1,602,000.00	70%			
63	33	14922	View Caps WSC	W	TX2210004	2,421	Replacement of various portions of the WSC's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$5,290,000.00		Yes-BC	\$5,290,000.00	
192	10	14744	Weimar	M	TX0450004	2,688	New water well, waterlines, and smart metering system.	PADC	\$3,750,000.00		Yes-BC	\$614,750.00	
100	23	14788	Wharton	M	TX2410005	8,627	The City has a history of high water loss and frequent leaks/outages in a number of areas that still have old 2" waterlines. These lines are also too small to provide any fire protection or allow the City to place fire hydrants in these older subdivisions. After completion of planning, environmental, and design the City intends to replace the 2" steel waterlines with 8" PVC waterlines improving water quality, reducing leaks/outages, and providing fire protection.	PDC	\$1,187,650.00	70%			
227	3	14810	White Oak	M	TX0920006	6,469	New Intake/Pump Station, Raw Water Transmission Line, and Elevated Storage Tank	PADC	\$10,849,000.00				
123	21	14752	Wills Point	M	TX2340005	6,648	The purpose of this project is to replace 38,400 linear feet of 12-inch raw water transmission line from the Lake Tawakoni Intake to the City's WTP, make upgrades to the raw water intake pump station, and make upgrades to the in-line booster pump station to provide reliable raw water to the City's WTP.	PDC	\$6,980,025.00	70%			
178	11	14758	Wilmer	M	TX0570018	5,064	The City of Wilmer is seeking to upgrade their water distribution system.	ADC	\$36,041,000.00				

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<b>Public Water System</b>														
25	44	14923	Winters	M	TX2000003	2,580	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,684,000.00	70%	Yes-BC	\$3,684,000.00		
255	0	14759	Woodloch	M	TX1700112	741	Repair and rehabilitate existing water well of the Town of Woodloch's water system.	PDC	\$300,000.00		Yes-BC	\$50,000.00		
<b>Public Water System Total</b>		<b>277</b>								<b>\$3,255,535,627.70</b>	<b>105</b>	<b>92</b>	<b>\$758,233,732.00</b>	
<b>Total</b>		<b>277</b>								<b>\$3,255,535,627.70</b>	<b>105</b>	<b>92</b>	<b>\$758,233,732.00</b>	

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. Alphabetical List of Ineligible Projects**

None.



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**Appendix I. Projects Ineligible for Disadvantaged Funding**

Projects Listed are not eligible for Disadvantaged Community Funding but are eligible for low-interest financing.

	PIF #	Entity	Project Cost	Reason for Ineligibility
1	14954	Abilene	\$112,535,000	AMHI
2	14981	Agua SUD	\$30,072,250	HCF
3	14823	Aquilla WSD	\$39,565,200	AMHI
4	14780	Bartlett	\$4,842,700	AMHI
5	14757	Bartley Woods WSC	\$3,380,000	AMHI
6	14919	Bluegrove WSC	\$300,000	AMHI
7	14871	Blum	\$300,000	AMHI
8	14984	Brownsboro	\$1,535,000	AMHI
9	14816	Chappell Hill WSC	\$4,136,013	AMHI
10	14835	Corix Utilities	\$3,812,000	AMHI
11	14775	Creedmoor Maha WSC	\$3,000,700	AMHI
12	14777	Creedmoor Maha WSC	\$13,141,500	AMHI
13	15101	Del Rio	\$5,000,000	HCF
14	15102	Del Rio	\$5,000,000	HCF
15	14768	D & M WSC	\$3,872,000	AMHI
16	14874	Grandview	\$3,760,440	AMHI
17	14875	Grandview	\$1,179,250	AMHI
18	14852	Harlingen Water Works System	\$7,155,000	HCF
19	14853	Harlingen Water Works System	\$6,875,000	HCF
20	14995	Hondo	\$13,355,000	AMHI
21	14971	Junction	\$710,000	HCF
22	14829	Kingsland WSC	\$11,469,000	AMHI
23	14929	Kingsville	\$9,537,546	DNS
24	14985	La Marque	\$16,530,000	AMHI
25	14938	Lower Valley WD	\$6,445,764	DNS
26	14967	Lower Valley WD	\$6,252,714	DNS
27	14968	Lower Valley WD	\$6,452,559	DNS
28	14827	Millsap WSC	\$833,500	AMHI
29	14892	O'Donnell	\$17,442,020	AMHI
30	14843	Parker County SUD	\$9,855,000	AMHI
31	14872	Penelope WSC	\$300,000	AMHI
32	14961	Rowena WSC	\$8,211,900	AMHI
33	14851	Snyder	\$1,988,200	HCF
34	14982	Stryker Lake WSC	\$1,615,736	AMHI
35	14740	Tehaucana	\$300,000	AMHI
36	14774	Thorndale	\$19,495,000	AMHI
37	14736	Tom Green Co FWSD #2	\$400,000	AMHI
38	14921	Trent	\$8,223,000	AMHI
39	14759	Woodloch	\$300,000	AMHI

**Total      \$389,178,992**

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

**HCF** = Did not meet the Household Cost Factor

**DNS** = Did not submit updated project information or requested data.

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>													
1	555	14802	Silver Creek Village WSC	P	TX0270021	250	Water Treatment Plant and system upgrade.	PDC	\$2,370,783.00				
2	175	14954	Abilene	M	TX2210001	169,289	The City intends to complete a Phase I rehabilitation of its Northeast WTP, and potentially a portion of the Phase II expansion, pending costs for Phase I.	PDC	\$112,535,000.00				
3	146	14830	Eola WSC	W	TX0480011	165	The proposed project includes replacement of sections of the water treatment system with a new reverse osmosis (RO) system and construction of a new RO reject and backwash disposal system.	PDC	\$4,176,000.00	70%	Yes-BC	\$4,176,000.00	
4	112	14888	Ericksdahl WSC	W	TX1270005	274	The proposed project includes tank mixing, disinfection improvements, waterline replacement, and automatic meter reading systems	PADC	\$2,421,500.00	70%	Yes-BC	\$160,500.00	
5	107	14761	Nueces Co WCID # 3	D	TX1780005	6,994	Proposed project to replace small diameter waterlines; and installing AMR meters	PADC	\$9,439,422.40	70%	Yes-BC	\$2,152,978.00	
6	102	14883	Study Butte WSC	W	TX0220035	196	This project involves the replacement of an existing ground storage tank, rehabilitating an existing water well and/or drilling a new water well, the replacement of existing water lines and valves, and installing new water lines.	PDC	\$907,500.00	70%			
7	96	15165	Town North Estates PWS	W	TX1520152	210	The project involves the planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing treatment system damaged in winter storm Uri in 2021. Interconnection with Lubbock will be explored as a more resilient long-term supply. An Asset Management Plan will be completed.	PDC	\$385,000.00				
8	93	14966	Rio Hondo	M	TX0310006	2,356	Build a 0.65 MGD Reverse Osmosis Treatment Plant and water well.	PDC	\$4,132,800.00	70%			
9	91	14769	Huntington	M	TX0030002	2,121	Drill a new water well and install aerators inside elevated storage tanks.	PADC	\$1,941,000.00	70%			
10	78	14932	Gladewater	M	TX0920001	6,819	Improvements to the water system.	PDC	\$5,495,000.00	70%			
11	77	14949	New Home	M	TX1530004	326	Installation of a new RO system including buildings, storage tanks, and appurtenances. Complete an Asset Management Plan.	PADC	\$1,438,155.25				
12	76	14745	Rayburn Country MUD	D	TX1210014	2,976	Project plans to install a new water well and related equipment, filtration and backwash systems at all wells, installation of SCADA, rehabilitate the storage tanks, install a pressure monitoring system for the distribution system, and install a new office facility.	PADC	\$6,050,983.00		Yes-BC	\$100,000.00	

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<b>Public Water System</b>													
13	75	14915	Coahoma	M	TX1140002	3,552	The City plans to upsize existing transmission lines, add pressure boosting facilities, and replace undersized/deteriorated distribution lines.	PDC	\$10,000,000.00		Yes-BC	\$10,000,000.00	
14	75	14854	Ballinger	M	TX2000001	3,862	The City plans WTP, storage upgrades and replacement of distribution and transmission lines in various locations of the distribution system.	PDC	\$33,995,000.00	70%	Yes-BC	\$33,995,000.00	
15	66	14866	Royal Oaks Apartments	P	TX0860080	57	Royal Oaks Water System Improvements	PDC	\$899,355.00	70%	Yes-BC	\$331,925.00	
16	63	15164	Town North Village PWS	W	TX1520094	650	The project involves the planning, design, and implementation of rehabilitation and replacement if necessary, of the existing treatment system damaged in winter storm Uri in 2021. The project also investigates options of interconnection with other PWS to provide blended water. Urgent Needs - Securing Safe Water Initiative to meet primary drinking water MCLs.	PDC	\$523,000.00				
17	63	14944	Lakeview WSC	W	TX0960014	98	Lakeview WSC proposes to make improvements to their pump station including installation of a new generator and nitrate removal system media replacement	C	\$60,000.00				
18	59	14754	New Summerfield	M	TX0370028	1,428	Addition of Elevated Storage Tank to the existing system. Addition of Water Well to the existing system. New and replacement of waterlines.	PADC	\$3,915,000.00				
19	57	14735	East Rio Hondo WSC	W	TX0310096	34,269	The WSC Martha Ann Simpson Water Treatment Plant (MASWTP/WTP) project includes addition of flocculation basins, DAF basins, and support equipment to improve the overall water treatment process. This project also includes a 350-KW emergency generator for ERHWSC to utilize during emergencies.	DC	\$14,063,200.00	70%			
20	57	14951	East Rio Hondo WSC	W	TX0310096	34,269	The North Cameron Reverse Osmosis Treatment Plant (NCRO/WTP) project proposes to expand the WTP for an additional 2.3 MGD of treatment capacity.	DC	\$18,994,800.00	70%			
21	56	15167	Cox Addition PWS	W	TX1520106	150	The project involves the planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing adsorption system damaged in winter storm Uri in 2021. Interconnection with Lubbock will be explored as a more resilient long term supply. An additional storage tank is needed. An Asset Management Plan will be completed.	PDC	\$523,000.00				

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>													
22	55	14841	Seminole	M	TX0830012	8,917	The proposed project will add additional storage to the treatment system, and develop additional groundwater sources for the City. The project includes improvements and rehabilitation of existing pump stations within the distribution system.	PADC	\$6,090,000.00				
23	47	14890	Presidio County	C		6,975	Presidio County has numerous needs for their groundwater and drinking water facilities. This project contemplates making significant improvements to these water facilities.	PDC	\$25,310,000.00	70%	Yes-BC	\$6,850,000.00	
24	47	14799	Cross Roads Community WSC	W	TX1070228	720	Construct a new public water supply well and install an emergency generator	PDC	\$2,570,000.00				
25	44	14923	Winters	M	TX2000003	2,580	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,684,000.00	70%	Yes-BC	\$3,684,000.00	
26	44	14833	Mason	M	TX1600001	2,114	Improvements to the distribution system including line replacement, ground storage improvements, and additional water production.	PADC	\$17,439,680.00		Yes-BC	\$11,854,000.00	
27	44	14899	Paducah	M	TX0510001	1,186	The project includes replacement sections of the distribution system; replacement of the main transmission line that transports the water from Paducah's well field to town; and rehabilitation of the three remaining ground storage tanks at the well field to stop the corrosion that is prevalent on each of the three tanks, and addition of backup generators.	PDC	\$13,054,000.00	70%	Yes-BC	\$13,000,000.00	
28	44	14988	South Texas WA	D	TX1370035	49,534	South Texas Water Authority (STWA) needs to make infrastructure investments in three pumps in the Ricardo Water Supply Corporation Service area and two pumps in the Nueces Water Supply Corporation service area. Both entities served are by STWA, which acts as a wholesale water supplier. The Ricardo pumps need to be demolished and replaced, and include emergency power generators. The Nueces pumps need to be replaced due to leaking pumps that need constant service.	DC	\$7,829,762.00	70%			
29	43	14770	Daingerfield	M	TX1720001	4,047	Waterline replacement and pumping and storage upgrades.	PADC	\$3,520,000.00	70%			
30	41	14889	Union WSC	W	TX2140004	6,882	This project will include planning, evaluation, and testing for a new groundwater well and treatment plant. An Asset Management Plan will be developed.	PC	\$13,500,000.00	70%			
31	40	14876	Greater Texoma UA	M	TX0910011	1,906	Proposed project includes adding a backup generator and adds funds for construction of a previously funded project.	DC	\$3,149,144.00	70%			
32	40	14805	Etoile WSC	W	TX1740011	1,970	Replace Well No. 2, tank rehabilitation, and USDA repayment.	PADC	\$3,030,525.00	70%			

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>													
33	40	14837	Corix Utilities	P	TX1680004	3,513	Improvements to the distribution system including line replacement, pump station improvements, elevated storage tank improvements, and additional water production.	PDC	\$21,453,000.00	70%	Yes-BC	\$21,453,000.00	
34	40	14914	Los Fresnos	M	TX0310004	8,023	City wide rehabilitation of existing water distribution lines. The project consists of the removal and replacement of approx. 80,000 LF of water lines.	C	\$12,533,590.00	70%			
35	40	14981	Agua SUD	D	TX1080022	64,633	Agua SUD proposes to construct a new water treatment plant of 3-6 MGD to serve the northeast service area, Pressure Zone 1. This includes preparation of a Preliminary Engineering Feasibility Report (PEFR), following TWDB-0555 Guidance.	PADC	\$30,072,255.00		Yes-BC	\$1,420,000.00	
36	39	14879	Loma Alta WSC	W	TX0950059	72	The WSC plans to install a treated water supply line from an adjacent WSC in order to purchase blending water to treat the nitrates. The project includes rehabilitation of the existing pump station, a new ground storage tank, supply line, sand trap, service pumps, chlorination system, water meters, and all associated valves and appurtenances.	PDC	\$300,000.00				
37	38	14991	Donna	M	TX1080002	15,798	The proposed project consists of a 12" waterline to serve as an interconnect connected from the City of Weslaco's water tower to the City of Donna's pipeline.	PADC	\$1,463,738.45	70%			
38	37	14765	Anthony	M	TX0710001	3,671	The Town of Anthony will construct a 250,000-gallon elevated water tank to replace the undersized, corroded, and deteriorated existing 125,000-gallon standpipe in order to provide minimum storage and pressure requirements as required by the state. Other improvements associated with the tank include chlorination system, electrical and controls upgrades, repair and rehabilitation of the existing pump station building located at the tank site, replacement of pumps at this pump station, site piping, and security fence.	DC	\$2,198,445.00	70%	Yes-BC	\$1,579,286.00	
39	37	14884	Anthony	M	TX0710001	3,671	The Town of Anthony water system plans to rehabilitate existing water wells, replace/rehabilitate existing pump stations, replace leaking waterlines, replace aged and inaccurate water meters with automatic reading meters, and build an arsenic treatment plant.	ADC	\$8,779,306.00	70%			
40	37	15491	Rio Grande City	M	TX2140018	15,494	Rio Grande City Water Treatment Plant No. 1 rehabilitation.	PDC	\$16,100,000.00	70%			
41	36	14734	Dog Ridge WSC	W	TX0140044	929	Upsize existing water mains in the Sherwood Shores area. The project will also include an Asset Management Plan.	PADC	\$1,535,000.00	70%	Yes-BC	\$120,000.00	

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>													
42	36	14862	Stephens Regional SUD	D	TX2150007	3,173	SRSUD is proposing water system improvements which include upgrading a main arterial distribution main in the system to areas which are currently limited by the size of main. Improvements are also proposed for the water treatment plant (WTP) to address issues with again equipment and operational improvements to increase treatment efficiency.	PDC	\$11,710,000.00	70%	Yes-BC	\$11,710,000.00	
43	36	14794	Kemp	M	TX1290004	2,973	Upgrades and replacement of aging Raw Water Intake/Transmission Line, WTP, transmission lines, and added storage capacity.	PADC	\$18,235,000.00	70%			
44	36	14972	San Benito	M	TX0310007	28,203	The City proposes to replace existing asbestos cement (AC) and cast iron waterlines on both sides of Business 77. Phase I TMF/AMP Report has been completed. We anticipate Phase I adoption March 2023. Final AMP to be completed and adopted by June 2023. This project will serve a disadvantaged community (see attached "Disadvantaged Community Worksheet".)	PDC	\$8,672,467.30	70%			
45	35	14892	O'Donnell	M	TX1530001	714	Improvements to the distribution system including line replacement, pumping, ground storage improvements, and additional water production.	PADC	\$17,442,020.00		Yes-BC	\$17,443,000.00	
46	35	14856	Barton WSC	W	TX0720013	1,032	Barton Water Supply Corporation is proposing to rehabilitate Pump Station No. 5, adding a 30,000-gallon storage tank, electrical upgrades. SCADA improvements, and upgrades to the chloramine disinfection system.	PDC	\$1,426,000.00		Yes-BC	\$1,426,000.00	
47	35	14817	Orange	M	TX1810004	22,205	Construct a new Water Well Plant.	PADC	\$3,866,100.00	70%			
48	35	14760	Greenville	M	TX1160004	32,000	Construct a new Water Plant.	C	\$61,500,000.00	70%	Yes-BC	\$6,500,000.00	
49	35	14936	Hardin WSC	W	TX1460009	5,439	New groundwater production well, elevated storage tank and related appurtenances.	PDC	\$3,466,000.00	70%			
50	34	15166	Plott Acres PWS	W	TX1520062	204	Planning, design, and implementation of rehabilitation and replacement, if necessary, of the existing adsorption system required to meet primary drinking water MCLs damaged in winter storm Uri in 2021. Interconnection with City of Lubbock will be explored as a best long-term alternative. If transmission funds allow service will be offered to private wells. An additional storage tank is needed. An Asset Management Plan will be completed. Urgent Needs - Securing Safe Water Initiative to meet primary drinking water MCLs.	PADC	\$1,887,000.00				

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<b>Public Water System</b>													
51	34	14924	Pearsall	M	TX0820002	9,346	This project extends 8-inch waterline to existing homes and businesses on the north I-35 business road and replaces waterline in the City. Project also includes a new well and elevated storage tank to serve existing customers west of I-35. Completion of an asset management plan.	PDC	\$13,240,000.00	70%			
52	34	14901	Spur	M	TX0630012	1,100	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,678,000.00	70%	Yes-BC	\$3,678,000.00	
53	34	14898	Albany	M	TX2090001	1,983	Replacement of various portions of the City's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$2,908,500.00	70%	Yes-BC	\$2,903,500.00	
54	34	14930	Crockett	M	TX1130001	6,441	Development of a new water well, transmission main, and treatment facilities	PDC	\$4,093,600.00	70%			
55	34	14815	Marble Falls	M	TX0270026	6,542	The City is undertaking the replacement of the dilapidated Via Viejo High Service Water Pump Station and vital flood proofing improvements to the Raw Water Intake at the City's Water Treatment Plant.	DC	\$6,150,000.00	70%			
56	34	14842	Upper Leon River MWD	D	TX0470015	19,008	The proposed project includes improvements at the Water Treatment Plant (WTP) to address the aging infrastructure including rehabilitation of existing media filters, rehabilitation of Clarifier No. 2, clearwell improvements, backup generator improvements, and membrane facilities expansion.	PDC	\$10,836,000.00	70%	Yes-BC	\$10,836,000.00	
57	33	14797	Groveton	M	TX2280001	1,094	System study and water distribution line replacements.	PDC	\$2,580,000.00	70%			
58	33	14937	Bonham	M	TX0740001	10,408	Installation of approximately 33,520 linear feet of 6"-24" waterline, encasement, valves, services, fittings, fire hydrants, and associated appurtenances. The city will be implementing an asset management plan as part of the project to better manage the drinking water system components. The project has already gone through design phase and is ready for bid upon approval of funding.	C	\$14,444,100.00	70%			
59	33	14895	G-M WSC	W	TX2020067	11,220	Upgrade existing plant components and replace water lines. Includes the creation of an asset management plan.	PDC	\$3,193,300.00	70%			
60	33	14885	Benjamin	M	TX1380011	179	Improvements to the City's 81,000 gallon ground storage tank site.	PDC	\$640,000.00	70%			
61	33	14750	Loraine	M	TX1680002	602	Replacement of various portions of the City's potable water distribution pipeline and valves.	PDC	\$3,840,000.00	70%	Yes-BC	\$3,840,000.00	

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Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>													
62	33	14809	Cumby	M	TX1120001	807	Project includes drilling a new water supply well, installation of a pump station, disinfection, installation of a ground storage tank, transmission lines and elevated storage tank.	PADC	\$9,625,000.00	70%			
63	33	14922	View Caps WSC	W	TX2210004	2,421	Replacement of various portions of the WSC's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$5,290,000.00		Yes-BC	\$5,290,000.00	
64	33	14763	Keene	M	TX1260008	6,266	Replace approximately 14,000 linear feet of 2-inch through 8-inch water line. Install a new well and pump station facilities.	PDC	\$3,523,000.00	70%	Yes-BC	\$3,523,000.00	
65	33	14840	Breckenridge	M	TX2150001	10,616	Improvements/rehabilitate the three elevated storage tanks, upgrade/improve the existing East and West booster pump stations, and rehabilitate various portions of the distribution system in order to reduce the number of waterline leaks/breaks that have resulted in numerous boil water notices.	PDC	\$5,613,000.00	70%	Yes-BC	\$5,613,000.00	
66	33	14860	Eastland Co WSD	D	TX0670019	11,559	Re-clear the pipeline ROW and replace the existing raw water transmission pipeline with a new fusion-welded, high-density polyethylene (HDPE) pipeline.	PDC	\$10,690,040.00	70%	Yes-BC	\$10,690,000.00	
67	32	14738	Palacios	M	TX1610004	4,700	The proposed projects include water main replacement throughout the City, construction of a new groundwater well, and rehabilitation of an existing groundwater well.	PDC	\$11,300,000.00	70%			
68	32	14934	Hardin WSC	W	TX1460009	5,439	Replace undersized waterlines throughout the water system.	PDC	\$3,761,000.00	70%			
69	32	14746	San Jacinto SUD	D	TX2040033	4,008	San Jacinto SUD is in need of a new water well to serve region's of its service area experiencing pressure loss and water capacity issues. An Asset Management plan for the District will be created as well in order to serve future developments in the service area and maintain its existing water system infrastructure.	PDC	\$2,000,000.00	70%	Yes-BC	\$150,000.00	
70	31	14812	San Marcos	M	TX1050001	64,812	The project scope includes approximately 5,830 LF of 12-inch water main.	PADC	\$3,590,594.00	70%			
71	31	14958	D Bar B Water & WW SC	W	TX0570082	240	Emergency generator for drinking water system	PDC	\$85,000.00	70%			
72	31	14858	Blanket	M	TX0250013	367	Replacement of various portions of the City's potable water distribution pipeline system, PRV, and isolation valves. There will also be upgrades to the disinfection system.	PDC	\$3,034,000.00	70%	Yes-BC	\$3,034,000.00	



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<b>Public Water System</b>													
73	31	14881	Victoria Co WCID # 2	D	TX2350006	515	The Victoria County Water Control Improvement District No. 2 plans to rehabilitate a portion of the existing distribution system to allow for better service to the community. The project will consist of rehabilitating the existing dilapidated cast iron line to a more resilient material, and to increase the ground storage capabilities of the system by adding a needed ground storage tank to the existing system.	PDC	\$1,602,000.00	70%			
74	31	14783	Alto	M	TX0370001	1,523	Remove and replace existing aged and deteriorated waterlines within the distribution system as well as rehabilitate existing deteriorated storage tanks. Includes creation of an asset management plan.	PDC	\$1,715,000.00	70%			
75	31	14948	Hamilton	M	TX0970001	3,200	Replacement of deteriorated waterlines.	PDC	\$2,532,337.00	70%			
76	31	14824	Red River Co WSC	W	TX1940008	6,541	The project involves constructing three 200-gpm wells around the county, a 150,000-gallon elevated storage tank, approximately 18,800 LF of line extensions to connect these facilities to the distribution system, and approximately 58,150 LF of line replacement and upsizing around the system.	PADC	\$9,551,350.00	70%			
77	31	14920	Sweetwater	M	TX1770002	11,198	Proposed project will expand the groundwater well field and complete an Asset Management Plan.	PADC	\$8,282,000.00	70%	Yes-BC	\$8,282,000.00	
78	30	15106	K-Bar/English Acres		TX1250033	111	New registered water well, chlorination, and water meters.	PDC	\$1,085,000.00	70%			
79	30	14762	Moran	M	TX2090002	178	Replacing flush valves, isolation valves and water distribution lines.	PDC	\$500,000.00	70%	Yes-BC	\$350,000.00	
80	30	14943	Rochester	M	TX1040002	464	This project involves backup power generation, an AMR meter system, and the replacement of old waterlines.	PDC	\$600,000.00	70%	Yes-BC	\$120,000.00	
81	30	14867	Pinehurst	M	TX1810009	2,235	The City of Pinehurst proposes to construct a new water well to improve the City existing water system.	PADC	\$3,927,400.00	70%			
82	30	14925	Port Arthur	M	TX1230009	53,818	Project consists of a proposed 20-MGD surface water treatment plant and 36" diameter water transmission main from the new SWTP to Sabine Pass.	PADC	\$307,739,900.00	70%			
83	28	14908	Santo SUD	D	TX1820010	3,090	The proposed project includes improvements to various portions of the water system to bring the system into compliance with TCEQ requirements and provide capacity for future growth.	PDC	\$8,380,000.00		Yes-BC	\$8,380,000.00	
84	28	14873	Jacksboro	M	TX1190002	4,450	The project will double the capacity of the WTP and construct a new booster pump station (BPS) and upsizing transmission lines.	DC	\$43,529,000.00	70%			

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<b>Public Water System</b>													
85	28	14909	Bistone Municipal WSD	D	TX1470006	24,929	Bistone will construct a new 0.5MG EST and new 14", 8" and 4" mains along Hwy 84 and RR2838 respectively.	PADC	\$42,824,900.00	70%			
86	26	14994	Harris Co FWSD # 1A	D	TX1010082	2,166	The proposed project aims to transition the district's water supply system from traditional water meters and fire hydrants to smart meters and fire hydrants.	PDC	\$626,500.00	70%	Yes-BC	\$450,000.00	
87	26	14990	Crystal Clear SUD	D	TX0940015	17,388	The group of water system improvement projects were identified to increase storage and water supply, and to maintain system pressure and TCEQ compliance throughout the northern portion of the district.	PDC	\$27,236,482.00				
88	26	14742	Denison	M	TX0910003	24,340	This project replaces water mains and addresses dead end lines.	DC	\$16,950,000.00	70%	Yes-BC	\$16,950,000.00	
89	26	14768	D & M WSC	W	TX1740010	5,320	Construct pump station improvements and drill a new well at the F.R. Lewis or Moral Booster Stations based on the findings of the EFR. In addition, construct new waterlines and replace targeted old deteriorated waterlines. The creation of a asset management plan is also included.	PADC	\$3,872,000.00				
90	26	14773	Hitchcock	M	TX0840004	7,341	The purpose of this project is to improve the City's water distribution system through the installation of additional valves and the targeted replacement of undersized mains. The project also includes the rehabilitation of its water production facilities to provide safe drinking water.	PDC	\$24,771,000.00		Yes-BC	\$2,000,000.00	
91	25	14834	Roma	M	TX2140007	19,123	The City is addressing the need for Phase I (6 MGD) of a new water treatment plant (WTP).	PDC	\$91,049,000.00	70%	Yes-BC	\$91,049,000.00	
92	24	14748	Mooreville WSC	W	TX0730015	216	Mooreville WSC (MWSC) water distribution system and single-phase high service pump station is old and has reached the end of its useful life and is undersized. The pump station must be upgraded to meet TCEQ requirements of 2.0 gpm per connection (total 144 gpm). Larger pumps require 3-phase power at the pump station using phase converters. A new diesel standby power generator and new 2,000-gallon hydro-pneumatic pressure tank is required. The proposed project will replace all of MWSC's distribution mains and will upsize mains that are currently undersized and result in poor water pressures and flows. The proposed project will construct new 2-inch to 4-inch water mains.	PADC	\$3,824,250.00				

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<b>Public Water System</b>													
93	24	14935	Streetman	M	TX0810016	345	The project consists of a new 150 gpm water well, raw water and treated water transmission mains, pump station improvements, and water meter replacement with AMR meters.	PADC	\$13,417,575.00	70%	Yes-BC	\$6,738,300.00	
94	24	14939	Brady	M	TX1540001	5,500	Improvements to the distribution system including line replacement.	PDC	\$4,604,000.00	70%	Yes-BC	\$4,604,000.00	
95	24	14832	Marble Falls	M	TX0270026	6,542	The City of Marble Falls intends to acquire an existing public water system (Capstone Water System) to supplement their existing drinking water supply.	ADC	\$14,000,000.00	70%			
96	24	14992	East Rio Hondo WSC	W	TX0310096	34,269	The ERHWSC distribution system capacity is limited and the proposed upgrade is a 16" pipeline over 10 miles long to convey additional water from the RO plant to the east side of the system where the greater population demand is located.	PADC	\$11,807,000.00	70%			
97	23	14933	Medina Highlands	P	TX0100041	140	Medina Highlands seeks emergency funding for a replacement well to provide adequate long-term supply for the small public water system. Medina Highlands is currently mediating settlement of an increased rate at the PUC.	C	\$354,000.00				
98	23	14801	Medina WSC	W	TX0100013	780	Project includes new well to increase system capacity; increase system pressure storage capacity with a new hydropneumatics pressure tank; system-wide SCADA and booster pump upgrades; replace and relocate pressure reducing valves (PRV); repair critical infrastructure including 1 - 50,000-gal EST and 2 - 50,000-gal GST; and an Asset Management Plan.	PDC	\$1,162,000.00			\$138,406.00	
99	23	14808	Redwater	M	TX0190008	4,356	New elevated storage tank and distribution system improvements.	PADC	\$5,685,000.00	70%			
100	23	14788	Wharton	M	TX2410005	8,627	The City has a history of high water loss and frequent leaks/outages in a number of areas that still have old 2" waterlines. These lines are also too small to provide any fire protection or allow the City to place fire hydrants in these older subdivisions. After completion of planning, environmental, and design the City intends to replace the 2" steel waterlines with 8" PVC waterlines improving water quality, reducing leaks/outages, and providing fire protection.	PDC	\$1,187,650.00	70%			
101	23	14964	Gum Springs WSC	W		10,257	The project includes constructing a new water plant including high service pump station, two pressure tanks, two ground storage tanks, and 5,400 linear feet of 12" water main.	PDC	\$3,103,668.00				

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<b>Public Water System</b>													
102	23	14836	Corix Utilities	P	TX2080003	468	Addition of a new automatic meter reading (AMR) system and a new SCADA system.	PDC	\$1,362,000.00	70%	Yes-BC	\$1,362,000.00	
103	23	14743	Corrigan	M	TX1870001	1,630	Upgrade and expand existing plant components to expand system capacities and boost pressure throughout the system, including drilling a new water well and replace deteriorated lines contributing to high water loss and frequent maintenance.	PADC	\$3,346,000.00	70%			
104	23	14916	El Tanque WSC	W	TX2140029	2,643	The proposed project will replace the WSC's existing 0.054 MG bolted ground storage tank (GST) with a larger welded steel GST.	PADC	\$1,350,000.00	70%			
105	23	14859	Carrizo Springs	M	TX0640002	5,256	Replacement of water distribution system lines including asbestos-cement pipe, cast iron pipe, galvanized steel pipe due to age and breakage. Replace booster pump station, new storage tank, generators, and asset management plan.	DC	\$17,640,000.00	70%	Yes-BC	\$9,213,822.00	
106	23	14857	Slaton	M	TX1520004	6,052	The City of Slaton is proposing the installation of a new elevated storage tank, two new groundwater wells, rehabilitation of existing wells, and pump station rehabilitation.	PDC	\$12,952,000.00	70%	Yes-BC	\$12,952,000.00	
107	23	14849	Brownwood	M	TX0250002	18,770	The City of Brownwood aims to enhance the water distribution system by improving its existing ESTs. Additionally, the City will install a control valve downstream of the Brown County Water Improvements District (BCWID) take point.	PDC	\$2,708,000.00	70%	Yes-BC	\$1,410,000.00	
108	23	15107	Bistone Municipal WSD	D	TX1470006	24,929	Bistone's transmission lines to its various wholesale customers is aged and has issues with leaks. The project will replace the portion of the transmission system known as the 1967 14" steel cylinder concrete pipe.	PADC	\$29,347,480.00	70%			
109	22	14969	Hidalgo Co DD # 1	D	0	180,000	Planning, design, permitting and construction of a 5 MGD Water Treatment Plant with intake pump station, reservoir and distribution system.	PDC	\$25,759,700.00		Yes-BC	\$25,800,000.00	
110	22	14868	Graford	M	TX1820003	730	Replace existing water lines, install a SCADA system and radio read meters.	PDC	\$600,000.00	70%	Yes-BC	\$600,000.00	
111	22	14781	Chatt WSC	W	TX1090020	927	Water meter replacements and asset management plan.	PDC	\$400,000.00	70%	Yes-BC	\$285,000.00	
112	22	14851	Snyder	M	TX2080001	10,753	The City of Snyder plans to make improvements to its water treatment plant.	PDC	\$1,988,200.00		Yes-BC	\$1,988,200.00	
113	21	14784	Lexington	M	TX1440002	1,261	Smart metering system.	PDC	\$1,370,000.00	70%	Yes-BC	\$1,370,000.00	

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<b>Public Water System</b>													
114	21	14897	Raymondville	M	TX2450001	10,574	The City of Raymondville is proposing to remove and replace approximately 15,000 LF of existing waterlines. Installation of one emergency generator at the existing Reverse Osmosis Water Plant.	PDC	\$4,236,532.00	70%			
115	21	14950	Military Highway WSC	W		46,000	Military Water Supply Corporation will be upgrading 29,000 LF of existing waterline.	PADC	\$3,250,000.00	70%			
116	21	14952	Military Highway WSC	W		46,000	Military Highway Water Supply Corporation will be performing needed repairs on 8 ground storage tanks at four existing site locations.	PDC	\$2,065,000.00	70%			
117	21	14880	Christian Life Center	P	TX1520219	51	The Christian Life Center is a non-profit community water system which serves 17 connections in northeast Lubbock County. The system is under enforcement for exceedance of 1-1 Dichloroethylene in the system's only well. The project will fund a low-profile tray aeration system to be installed to treat the well water to compliant standards.	PDC	\$300,000.00				
118	21	14864	Roaring Springs	M	TX1730002	231	For this project, Roaring Springs will be drilling a new production water well and installing a new transmission line from the relocated well to the city's standpipe.	PADC	\$3,503,000.00	70%	Yes-BC	\$3,503,000.00	
119	21	14782	Alba	M	TX2500005	753	Rehabilitate existing EST and GST tanks, install new generators, and replace old waterlines. Includes creation of an asset management plan.	PDC	\$1,678,000.00	70%			
120	21	14962	Pineland	M	TX2020002	1,120	Construction of a pump station and storage facilities at the Well 3 site to provide redundant system pressure allowing for maintenance during times when the existing elevated storage tank is taken offline. Proposed facility will also support pressure maintenance in the northern part of the City during normal operations.	PDC	\$1,941,600.00	70%			
121	21	14751	Grapeland	M	TX1130002	1,489	Rehabilitation/replacement of components within the water system and distribution system upgrades and improvements.	PDC	\$1,625,000.00	70%			
122	21	14905	Mineola	M	TX2500002	4,515	Start data collection and mapping for Lead Service Line Inventory Survey, upgrades to water distribution system, and create an asset management plan.	PDC	\$5,500,000.00	70%			
123	21	14752	Wills Point	M	TX2340005	6,648	The purpose of this project is to replace 38,400 linear feet of 12-inch raw water transmission line from the Lake Tawakoni Intake to the City's WTP, make upgrades to the raw water intake pump station, and make upgrades to the in-line booster pump station to provide reliable raw water to the City's WTP.	PDC	\$6,980,025.00	70%			

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<b>Public Water System</b>													
124	21	14793	Crystal City	M	TX2540001	7,128	The City of Crystal City needs to make improvements to its drinking water system. These improvements are primarily focused on well enhancements, making improvements to its elevated water storage tank, building a new well, and replacing old iron and asbestos water lines.	DC	\$29,625,680.00	70%			
125	20	14878	Rule	M	TX1040003	540	This project involves the replacement of old cast iron lines with new lines, an AMR meter system, EST rehab, and backup power generation.	PDC	\$993,500.00	70%	Yes-BC	\$157,500.00	
126	20	14803	Moulton	M	TX1430002	980	Construction of two new water wells and abandonment of wells #2 & #4. Update the capacity of the water treatment plant to include 3 generators with auto transfer switches, connection to raw water lines, instrumentation, control, and electrical for two wells, yard piping, security fencing, and grading.	PDC	\$14,450,000.00	70%			
127	20	14826	Holiday Beach WSC	W	TX0040015	1,836	Water Line Improvements.	PDC	\$2,350,000.00	70%			
128	20	14771	Jefferson	M	TX1580001	1,883	Waterline Upgrades.	PDC	\$4,355,000.00	70%			
129	20	14828	Seymour	M	TX0120001	2,584	Improvements to the City's existing water wells to meet TCEQ regulations.	PDC	\$945,000.00	70%			
130	20	14807	Grand Saline	M	TX2340003	3,215	Water system improvements to include anew water well and EST rehabilitation and improvements.	PADC	\$2,530,000.00	70%			
131	20	14766	Dublin	M	TX0720001	4,207	Proposed project will replace the existing 14" water supply line.	PDC	\$2,380,000.00	70%	Yes-BC	\$2,316,000.00	
132	20	14891	Coleman County SUD	D	TX0420034	5,000	The project includes construction of waterlines, backup power generation, and construction of pump stations facilities.	PADC	\$11,354,400.00	70%			
133	20	14983	Onalaska WSC	W	TX1870009	5,550	This project includes a distribution line extension to create a bypass, waterline replacement, and a ground storage tank replacement to mitigate the demands on well cycle for re-stabilizing system flows and pressures.	DC	\$1,281,955.00		Yes-BC	\$1,125,000.00	
134	20	14926	Pearsall	M	TX0820002	9,346	Phase 1 for compliance with upcoming lead and copper rule changes to complete the inventory of all service lines.	P	\$190,000.00	70%			
135	20	14993	East Rio Hondo WSC	W	TX0310096	34,269	This project includes a 1.0MW generator to power the North Cameron Regional Water Plant including water wells.	PDC	\$1,337,000.00	70%			
136	20	14855	Harlingen Water Works System	M	TX0310002	84,607	Project to replace AC pipes using pipe bursting methods in a neighborhood experiencing the highest frequency of breaks is proposed to reduce water service interruptions, distribution system O&M costs, and water loss.	DC	\$7,015,000.00	70%			

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<b>Public Water System</b>													
137	19	14804	Hays County	C		234,573	This project proposes to decommission this problematic well and replace it with a new well at a location.	ADC	\$7,665,000.00				
138	18	14979	East Medina Co SUD	D	TX1630030	1,535	Construction of waterline and interconnection of East Medina County SUD Unit 3 PWS with East Medina County SUD Unit 1 PWS.	PADC	\$2,313,000.00				
139	18	14986	Johnson County SUD	D	TX1260018	53,832	This project is a new Reverse Osmosis Water Treatment Plant for JCSUD.	PADC	\$95,038,000.00				
140	18	14764	Travis County	C		1,226,805	This project will make physical improvements to the water distribution system.	DC	\$6,000,000.00				
141	17	14795	Springtown	M	TX1840003	5,500	This project consists of installing smart water meters and repairing leaking water mains.	DC	\$5,550,000.00		Yes-BC	\$5,550,000.00	
142	17	14953	Danbury	M	TX0200011	1,671	The City is proposing to refurbish and update its second water plant to provide an operating second source of water. In addition, the City proposes improvements to Water Plant No. 1 and the distribution system to provide more reliable and efficient water services as well as provide water supply redundancy and disaster preparedness.	PDC	\$8,465,000.00		Yes-BC	\$1,633,000.00	
143	16	14982	Stryker Lake WSC	W	TX0370033	702	The Stryker Lake Water Supply Corporation plans to upgrade a portion of the existing water distribution system in order to conserve water due to the age of the existing infrastructure. The existing water lines have deteriorated over time and result in excessive maintenance and water loss.	PDC	\$1,615,736.00				
144	16	14996	Red River Authority	D	TX2440008	705	System improvements to meet regulatory compliance include upgrading the Vernon West Pump Station, constructing a new water tower, and upgrading distribution lines.	PADC	\$2,464,000.00				
145	16	14779	Creedmoor Maha WSC	W	TX2270008	9,954	The Twin Creek subdivision currently has undersized lines that do not meet TCEQ requirements for serving the existing customers. These lines also are in conflict with an upcoming Travis County drainage project. The lines will be replaced. The project will also include an Asset Management Plan.	PADC	\$3,095,000.00				
146	15	14838	Corix Utilities	P	TX0270078	117	Addition of a well to increase system capacity.	PDC	\$2,092,000.00				
147	15	14757	Bartley Woods WSC	W	TX0740021	585	Increase water source, storage, and transmission capacity in order to meet TCEQ requirements for 2060 population projections.	DC	\$3,380,000.00				
148	15	14872	Penelope WSC	W	TX1090026	206	Replace old, deteriorated and under capacity water mains.	PDC	\$300,000.00				

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<b>Public Water System</b>													
149	15	14869	Covington	M	TX1090021	570	The purpose of this project is to replace/upsized undersized water mains to improve water flow/pressure. This project will also include replacement of lead service lines.	PDC	\$300,000.00				
150	14	14917	Hawley WSC	W	TX1270006	7,830	Hawley Water Supply Corporation is proposing to upgrade an existing booster pump station, install two (2) new booster pump stations for two (2) respective pressure planes, and upsize various transmission lines throughout their distribution system.	PDC	\$26,695,000.00		Yes-BC	\$26,764,000.00	
151	14	14985	La Marque	M	TX0840006	18,030	Replace existing 2-inch waterline to reduce water loss, improve water quality, improve fire flow protection and reduce maintenance costs.	PADC	\$16,530,000.00				
152	14	14997	Red River Authority	D	TX1690005	523	Project will make miscellaneous improvements at the Ringgold, LA Tucker, Nimmo, and Alexander Pump Stations, including tank rehabilitation and pump station upgrades.	PDC	\$1,254,200.00				
153	13	14887	Carl's Corner	M	TX1090070	199	The city plans to construct a new water well, or if necessary, to obtain other adequate water supply or emergency interconnection.	DC	\$3,275,000.00				
154	13	14816	Chappell Hill WSC	W	TX2390003	645	Improvements throughout the entire water supply corporation system. Rehab of existing tank and generator installation mandated by TCEQ.	PDC	\$4,136,013.00				
155	13	14955	Rock Hill WSC	W	TX1830014	1,059	The WSC currently only has one water well that they can normally operate (Well No. 2) due to high total dissolved solids. The WSC is pursuing an additional well to supplement the production of Well No. 2 and reduce the amount of purchased water required from the City of Carthage.	PDC	\$572,232.00				
156	13	14774	Thorndale	M	TX1660003	1,263	Construction of new water well, transmission line from new water well, water treatment plant improvements, and asset management plan	PADC	\$19,495,000.00				
157	13	14780	Bartlett	M	TX2460006	1,633	Water meter replacements, waterline improvements, installation of isolation valves, and creation of an Asset Management Plan.	PADC	\$4,842,700.00		Yes-BC	\$2,900,000.00	
158	13	14813	Splendora	M	TX1700087	10,716	The proposed project includes upsizing water mains throughout the city due to growth and need to provide adequate water pressure and capacity to the growing areas. Development of an Asset Management Plan with a Capital Improvement Plan is included.	PADC	\$10,049,130.00				
159	13	14863	Swenson WSC	W	TX2170002	38	For this project, Swenson WSC will be making improvements to their high service pump station and ground storage tank.	PDC	\$2,056,000.00		Yes-BC	\$2,056,000.00	



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<b>Public Water System</b>													
160	13	14998	Red River Authority	D	TX1690005	122	Drill a new well for the RRA Ringgold Water System	PADC	\$340,000.00				
161	13	14835	Corix Utilities	P	TX0450087	201	Addition of a well to replace existing well.	PDC	\$3,812,000.00		Yes-BC	\$3,812,000.00	
162	13	14865	Rolling Hills WS	W	TX1110032	201	Rolling Hills Water Service will be installing an AMI metering system, and replacing portions of the distribution system.	PDC	\$2,750,000.00		Yes-BC	\$2,750,000.00	
163	13	14961	Rowena WSC	W	TX2000004	480	This project will reduce TTHM levels to gain compliance with the Stage 2 DBP Rule as well as address the open TCEQ compliance issues.	PDC	\$8,211,900.00		Yes-BC	\$8,211,000.00	
164	13	14900	Santa Anna	M	TX0420002	1,014	Replacement of various portions of the City's potable water distribution pipeline, valves, and fire hydrants.	PDC	\$4,605,000.00		Yes-BC	\$4,605,000.00	
165	13	14767	Navarro Mills WSC	W	TX1750024	3,539	Upgrade existing pumping and transmission/distribution facilities	PADC	\$3,407,500.00				
166	13	14882	San Leon MUD	D	TX0840063	5,144	This project will involve replacement of water distribution mains and related appurtenances.	DC	\$13,300,000.00		Yes-BC	\$1,500,000.00	
167	12	14971	Junction	M	TX1340001	2,507	The City of Junction is currently cited by TCEQ on various issues at the WTP. The City's water system requires equipment for emergency events. The membrane filters need to be replaced. The City has failing ACP and lead pipes Creation of a city-wide Water System Asset Management Plan.	DC	\$710,000.00				
168	12	14999	Olney	M	TX2520003	3,100	The City of Olney plans to rebuild sustainable water infrastructure citywide and provide access to waterlines in a systematic manner. Through strong infrastructure planning and management practices, Olney will make access to water sustainable in the long term and prepare an asset management plan.	PADC	\$13,990,000.00				
169	11	14918	Fort Bend Co MUD # 131	D	TX0790450	2,341	Water plant improvements including recoating of booster pumps, hydropneumatic tanks, piping, and galvanized storage tanks. The improvements also include an iron and manganese reduction system for the groundwater supply.	PDC	\$4,100,000.00				
170	11	14775	Creedmoor Maha WSC	W	TX2270008	9,954	The undersized lines currently have more connections than allowed by Chapter 290.44(c) connection requirements. The project will include an Asset Management Plan.	PADC	\$3,000,700.00				
171	11	15102	Del Rio	M	TX2330001	34,584	This project is for construction of replacement of approximately 50,000 LF of old, deteriorated water lines with 8" PVC lines with new fire hydrants.	C	\$5,000,000.00		Yes-BC	\$1,250,000.00	

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<b>Public Water System</b>													
172	11	14973	Houston	M	TX1010013	3,563,653	Accelerated rehabilitation and replacement of large diameter (>20") water distribution infrastructure to address deficiencies affecting water quality, fire flow availability, water loss, system design and asset age. Includes replacement of lines undersized for current usage, improve integrity of water supply, and replacement of end-of-life components (lines, valves, appurtenances). Work to be performed within existing City rights-of-way under task order-based contracts.	C	\$40,000,000.00				
173	11	14974	Houston	M	TX1010013	3,563,653	Accelerated rehabilitation and replacement of small diameter (2"-20") water distribution infrastructure to address deficiencies affecting water quality, fire flow availability, water loss, sub-standard water lines, system design and asset age. Includes replacement of lines undersized for current usage, improve integrity of water supply, and replacement of end-of-life components (lines, valves, appurtenances). Work to be performed within existing city right-of-way under task order-based contracts.	C	\$40,000,000.00				
174	11	14861	Matador WD	D	TX1730001	607	Replace the existing GST level controls, well pump controls, and the existing groundwater pipeline with a new fusion-welded, high-density polyethylene (HDPE) pipeline.	PDC	\$9,182,000.00		Yes-BC	\$9,182,000.00	
175	11	14798	Crescent Heights WSC	W	TX1070016	1,935	A new public water supply well, pressure facilities, and line upgrades. Includes the creation of an asset management plan	PDC	\$3,685,000.00				
176	11	14886	Mount Vernon	M	TX0800001	2,662	Improvements to water distribution system to replace aging waterlines and meters. Install emergency generators.	DC	\$5,364,700.00		Yes-BC	\$1,557,600.00	
177	11	15184	Harris Co WCID # 91	D	TX1010063	3,018	Waterline rehabilitation.	PDC	\$5,170,000.00				
178	11	14758	Wilmer	M	TX0570018	5,064	The City of Wilmer is seeking to upgrade their water distribution system.	ADC	\$36,041,000.00				
179	11	14987	Primera	M	TX0310094	5,167	The City of Primera plans to replace aged, malfunctioning, or high loss meters with new meters equipped with cellular data monitoring technology. The City is proposes to replace their two high service pumps at their water tower. The City plans to install a new supply connection to East Rio Hondo Water Supply Corporation. The City will develop an asset management plan for their water system.	PDC	\$4,020,000.00				
180	11	14777	Creedmoor Maha WSC	W	TX2270008	9,954	CMWSC Water System Improvement to increase capacity and serviceability and Asset Management Plan	PADC	\$13,141,500.00				
181	11	14778	Creedmoor Maha WSC	W	TX2270008	9,954	New water well and Asset Management Plan.	PDC	\$5,830,000.00				

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<b>Public Water System</b>													
182	10	14927	Grantwoods WSC	W	TX1010130	78	Upgrade and replace aging asbestos-Cement distribution lines installed in mid- 1960's. Replace aged meters with 'SmartMeters' to ensure reliable accountability. Elevate chlorine treatment system above prior flood levels.	PDC	\$244,000.00		Yes-BC	\$220,000.00	
183	10	14978	East Medina Co SUD	D	TX1630029	396	Construction on pipeline and interconnection of Creekwood public water system with EMCSUD Unit 2 system.	PADC	\$1,631,400.00				
184	10	14870	Knollwood	M	TX0910146	590	This project will include replacing/improving undersized water mains, replacing lead service lines, and installing new isolation valves to improve operation and maintenance.	PDC	\$300,000.00				
185	10	14806	Rehobeth WSC	W	TX1830012	1,101	Install a new designated fill line to the elevated storage tank, disinfection system relocation, distribution line improvements, and install a new aerator.	PDC	\$3,078,250.00				
186	10	14977	East Medina Co SUD	D	TX1630030	1,535	East Medina County Special Utility District seeks funding to establish backup power for Unit 3 PWS 1630030.	DC	\$252,000.00				
187	10	14739	Ames-Minglewood WSC	W	TX1460005	1,704	New waterlines and system improvements.	PDC	\$3,995,000.00				
188	10	14814	Loop 360 WSC	W	TX2270242	1,770	Improvements to the existing Loop 360 WSC Water Treatment Plant.	DC	\$4,435,471.00				
189	10	14874	Grandview	M	TX1260004	1,841	This project consists of replacing deteriorated distribution lines.	PDC	\$3,760,440.00		Yes-BC	\$2,809,750.00	
190	10	14875	Grandview	M	TX1260004	1,841	This project consists of installing two new water wells and installing a new backup generator at the elevated storage tank site.	PADC	\$1,179,250.00				
191	10	14980	East Medina Co SUD	D	TX1630020	2,267	Construct 100,000-gallon elevated storage tank at East Medina County SUD Plant 4.	DC	\$1,957,000.00				
192	10	14744	Weimar	M	TX0450004	2,688	New water well, waterlines, and smart metering system.	PADC	\$3,750,000.00		Yes-BC	\$614,750.00	
193	10	14785	BCY WSC	W	TX0010018	2,772	Planning, property acquisition, design, bidding, and construction of a new drinking water well and new elevated water storage tank.	PADC	\$4,015,000.00				
194	10	14975	East Medina Co SUD	D	TX1630010	5,560	Construction of pipeline and interconnection of East Medina County SUD Unit 1 PWS with East Medina County SUD Unit 2 PWS	PADC	\$4,685,000.00				
195	10	14796	Dean WSC	W	TX2120009	5,907	Construction of a new elevated storage tank at an existing pump station.	PDC	\$3,137,500.00				

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<b>Public Water System</b>													
196	10	14829	Kingsland WSC	W	TX1500012	11,163	This project will include the creation of a new boosted pressure zone within the main pressure zone by constructing a new booster pump station, elevated storage tank (EST), and performing system distribution improvements. The second component of this project will be improving the transmission capacity between the EST located at the KWSC water treatment plant and the standpipe located near the intersection of FM 1431 and RR 2545.	DC	\$11,469,000.00				
197	10	14823	Aquilla WSD	D	TX1090068	26,907	The proposed project is for replacements/improvements to the I-35 and Raw Water booster pump stations, installation of backup power and SCADA improvements at the Water Treatment Plant, and water distribution system improvements consisting of a new ground storage tank and three pump stations, new water pipelines.	PADC	\$39,565,203.00				
198	10	14945	Johnson County SUD	D	TX1260018	53,832	This project involves the installation and construction of waterlines, storage tanks (ground and elevated) and pump stations to serve the pressure plane.	PADC	\$33,130,000.00				
199	10	14904	Austin	M	TX2270001	1,153,430	Project infrastructure includes 8,500 feet of 72-inch diameter water pipeline along McNeil Drive from the 84-inch Jollyville Transmission Main to the 54-inch Martin Hill Transmission Main and multiple 24-inch transmission mains at Parmer Ln.	C	\$44,281,000.00				
200	10	14846	Parker County SUD	D	TX1840025	4,113	To support increasing demands, the District intends to construct a second WTP in its water system.	PADC	\$66,491,000.00		Yes-BC	\$66,491,000.00	
201	9	14843	Parker County SUD	D	TX1840025	4,113	This project will include the development of a brackish water well to augment the District's source water supply for treatment at its existing desalination WTP.	PDC	\$9,855,000.00		Yes-BC	\$9,855,000.00	
202	8	14976	East Medina Co SUD	D	TX1630020	2,267	Construction of pipeline and interconnection of East Medina County SUD Unit 2 PWS with East Medina County SUD Unit 1 PW.	PADC	\$4,575,000.00				
203	6	14845	Parker County SUD	D	TX1840079	4,113	The District proposes to construct a raw water storage basin to support scalping of flood water when available.	PADC	\$73,349,000.00		Yes-BC	\$73,349,000.00	
204	6	14847	Parker County SUD	D	TX1840079	4,113	The project to expand its existing WTP.	PDC	\$33,834,000.00		Yes-BC	\$33,834,000.00	
205	6	14848	Parker County SUD	D	TX1840025	4,113	Restoration of components of the existing Greenwood groundwater system.	PDC	\$2,853,000.00		Yes-BC	\$2,853,000.00	
206	6	14942	Mission	M	TX1080008	77,058	City of Mission new 6 MGD Water Treatment Plant will expand the total production capacity of treated water from the permitted 25.5 MGD production capacity to 31.5 MGD for the City of Mission CCN.	PADC	\$30,145,000.00		Yes-BC	\$240,000.00	

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<b>Public Water System</b>													
207	6	14740	Tehuacana	M	TX1470013	283	The purpose of this project is replace/upsized undersized water mains that are causing issues within the system. Replacement of ex. valves, fire hydrants and installation of new valves, fire hydrants are also needed throughout for better operation and maintenance of the overall system.	PDC	\$300,000.00				
208	6	14871	Blum	M	TX1090007	434	The purpose of this project is to replace/upsized undersized water mains and replace non-working isolation valves.	PDC	\$300,000.00				
209	6	14956	Church Hill WSC	W	TX2010008	456	Church Hill WSC is pursuing an additional water well for their system to supplement the existing water supply.	PDC	\$543,000.00				
210	4	14839	Corix Utilities	P	TX0270011	1,491	Improvements to the existing water treatment plant by installing a new membrane filtration system.	PDC	\$6,970,000.00		Yes-BC	\$6,970,000.00	
211	4	14844	Parker County SUD	D	TX1840025	4,113	Completion of distribution improvements for the District's North and South pressure planes.	PADC	\$30,072,000.00		Yes-BC	\$30,072,000.00	
212	4	14906	Acton MUD	D	TX1110007	22,643	Project includes water distribution system improvements and an Asset Management Plan.	PDC	\$12,252,000.00		Yes-BC	\$9,581,000.00	
213	4	14818	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12-inch asbestos cement water transmission lines along Grogan's Mill Road between Research Forest Drive and Woodlands Parkway, Lake Woodlands Drive between Grogan's Mill Road and Pinecroft Drive, and Six Pines Drive between Timberloch Drive and North Millbend Road.	C	\$14,620,000.00				
214	4	14819	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12-inch asbestos cement water transmission lines along Lake Front Circle and Pinecroft Drive between Grogan's Mill Road and IH-45.	ADC	\$10,835,000.00				
215	4	14820	San Jacinto RA	D	TX1700197	112,439	This project includes the replacement of 12-inch and 16-inch asbestos cement water transmission lines along Grogan's Mill Road south of Woodlands Parkway.	ADC	\$19,345,000.00				
216	4	14821	San Jacinto RA	D	TX1700197	112,439	This project includes replacement of 12, 16, 20, 24 and 30-inch asbestos cement, steel reinforced concrete pipe and ductile iron pipe along New Trails Dr., Technology Forest Blvd., Research Forest Dr., Gosling Rd., Shadowbend Circle, Quiet Oak Circle, and Golden Shadow Circle.	ADC	\$34,860,000.00				
217	4	14741	Garland	M	TX0570010	246,018	Garland Water Utilities and Garland Power & Light propose to upgrade existing Automated Meter Reading systems to Advanced Metering Infrastructure.	C	\$10,000,000.00		Yes-BC	\$10,000,000.00	

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<b>Public Water System</b>													
218	3	14965	Matagorda Waste Disposal & WSC	W	TX1610013	1,497	This project includes replacement/upsizing of undersized water mains, installation of isolation valves, and providing system looping capabilities.	PDC	\$2,380,000.00				
219	3	14919	Bluegrove WSC	W	TX0390014	70	This project involves the construction of a new pump station and the replacement of water distribution lines.	PDC	\$300,000.00				
220	3	14850	Grandfalls	M	TX2380003	395	The City of Grandfalls aims to enhance its water system by upgrading the existing residential metering system.	PADC	\$314,500.00		Yes-BC	\$314,500.00	
221	3	14959	Balmoreha	M	TX1950002	415	Installation of control and remote monitoring equipment in key locations along the drinking water transmission and distribution lines.	PDC	\$300,000.00				
222	3	14736	Tom Green Co FWSD # 2	D	TX2260004	476	Water treatment plant improvements.	PDC	\$400,000.00				
223	3	14970	Matagorda Waste Disposal & WSC	W	TX1610013	1,497	This project will replace aging and deteriorating water system and add an additional 50 customers.	PDC	\$8,195,000.00				
224	3	14907	Lake Palo Pinto Area WSC	W	TX1820069	1,932	This project is targeted mainly at making distribution system improvements to bring the system in compliance with TCEQ. It also includes pump station improvements to eliminate an existing inline booster pump station, and replace old infrastructure and SCADA improvements and piping insulation at the Water Treatment Plant.	PDC	\$7,730,000.00		Yes-BC	\$5,763,000.00	
225	3	14877	Greater Texoma UA	M	TX0740019	2,094	Pump stations #1 & #3 will each receive two new 500 gpm pumps. A new, 6,000 gallon pressure tank to be installed. There will be replacement/addition of approximately 28,465 LF of 6" water distribution line to the system. The Corporation will begin replacement of current meters with new radio read meters.	PDC	\$2,777,217.00		Yes-BC	\$1,050,000.00	
226	3	15001	Shallowater	M	TX1520003	3,108	Additional treatment, storage capacity, and fire protection	PADC	\$11,507,500.00				
227	3	14810	White Oak	M	TX0920006	6,469	New Intake/Pump Station, Raw Water Transmission Line, and Elevated Storage Tank	PADC	\$10,849,000.00				
228	3	14894	Abilene	M	TX2210001	121,994	This project involves the replacement of existing water lines, the installation of new water lines, the construction and/or rehabilitation of pump stations, and storage tanks.	PADC	\$97,825,000.00				
229	3	14940	Pflugerville	M	TX2270014	141,571	Construction of water lines along State Highway 130, update to the City's Water Master Plan, and a Downtown Water Utility study.	PADC	\$15,550,000.00				
230	3	14941	Pflugerville	M	TX2270014	141,571	New water lines to improve system efficiency and serve increased demand.	PADC	\$33,125,000.00				

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<b>Public Water System</b>													
231	3	14960	Pflugerville	M	TX2270014	141,571	Rehabilitation at various locations to bring the distribution system within current design standards.	PDC	\$10,200,000.00				
232	3	14911	Austin	M	TX2270001	1,153,430	Building an additional reservoir in the Southwest B Pressure Zone and its associated transmission main. This project is required to provide storage and resiliency in the pressure zone.	C	\$11,070,000.00				
233	2	14921	Trent	M	TX2210009	269	The City desires to upgrade/replace the existing elevated storage tank and replace the existing 8" Asbestos Cement transmission supply line that is the only source of water.	PDC	\$8,223,000.00		Yes-BC	\$8,223,000.00	
234	2	14827	Millsap WSC	W	TX1840007	1,477	Millsap WSC proposes install generators at their pump stations (3), install SCADA at their pump stations (3), master meter and office, and install new water lines, and loop existing distribution lines.	PDC	\$833,500.00		Yes-BC	\$150,000.00	
235	2	14903	Big Lake	M	TX1920001	2,936	Replacement of various portions of the City's potable water distribution pipelines and valves that have reached the end of their service life and require replacement.	PDC	\$1,220,000.00		Yes-BC	\$1,220,000.00	
236	2	14957	Pflugerville	M	TX2270014	55,453	This project includes the expansion of the City's existing Colorado River raw water pumping and transmission system, which will nearly double the City's raw water supply capacity.	AC	\$136,000,000.00		Yes-BC	\$1,500,000.00	
237	1	14852	Harlingen Water Works System	M	TX0310002	84,607	The proposed project replaces approx. 3,100 LF of a raw water pipe to increase capacity that matches the WTP's capacity.	PADC	\$7,155,000.00				
238	1	14831	Bayview MUD	D	TX0840010	1,818	The Bayview MUD Water System is deteriorating and requires certain elements to be completely replaced.	DC	\$6,273,675.00		Yes-BC	\$6,273,675.00	
239	1	15101	Del Rio	M	TX2330001	34,673	This project is to install automated water meters.	C	\$5,000,000.00		Yes-BC	\$5,000,000.00	
240	1	14772	Montgomery Co FWSD # 6	D	TX1700142	408	FWSD#6's water plant is in need of pressure tank replacement, ground storage tank repairs, new water well, and replacement of old water lines within the distribution system.	PDC	\$3,690,000.00		Yes-BC	\$175,000.00	
241	1	14946	Fair Play WSC	W	TX1830007	738	Fair Play WSC would like to replace one of their existing 20,000 gallon ground storage tanks, rehabilitate the existing pressure tank, and upgrade water mains along US 79.	P	\$18,000.00				
242	1	14947	Murvaul WSC	W	TX1830010	860	This project will install an ew water main to provide water to customers along County Road 183 & County Road 184 just north of Lake Murvaul.	PADC	\$890,110.00				
243	1	14737	Como	M	TX1120012	918	This project includes drilling a new water well and tying the well into the existing water plant.	PADC	\$574,900.00				

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<b>Public Water System</b>													
244	1	14984	Brownsboro	M	TX1070003	1,320	The project consists of updating and improving the existing water plant by installing a new well, new pressure tank, a new ground storage tank and new booster pumps.	PDC	\$1,535,000.00				
245	1	14963	G & W WSC	W	TX0930048	1,962	This project will replace undersized watermains and allow the existing system to meet the states fire protection requirements.	PDC	\$4,100,000.00				
246	1	14995	Hondo	M	TX1630002	8,332	Replace deteriorated and undersized waterlines. Replace deteriorated electrical equipment at well sites.	PDC	\$13,355,000.00		Yes-BC	\$9,955,070.00	
247	1	14790	Ennis	M	TX0700001	21,203	Remove and replace existing old, undersized, and deteriorating waterlines with a new larger diameter waterline.	PDC	\$8,572,000.00				
248	1	14967	Lower Valley WD	D	TX0710154	93,061	The project's goal is to provide water to the LVWD community through the installation of 12,660 LF of new 12" PVC water line and 4,478 LF of new 8" PVC water lines and all other necessary appurtenances. An asset management plan is expected to be part of the proposed project.	DC	\$6,252,714.00				
249	1	14968	Lower Valley WD	D	TX0710154	93,061	The project consists of the installation of a 1 MG GST, approximately 8,000 LF of 16-inch ductile iron transmission line to connect to the nearest existing transmission line in the District.	PC	\$6,452,559.00				
250	1	14753	Fort Worth	M	TX2200012	955,900	This project will involve the replacement of approximately 1,200 known customer-owned lead service lines and known galvanized service lines requiring replacement.	C	\$12,000,000.00				
251	1	14756	Travis County	C	TX2270001	1,226,805	Proposed project install a new 8-inch water main and additional water main service. Create an Asset Management Plan.	DC	\$5,350,000.00				
252	0	14893	Harrold WSC	W	TX2440002	141	Install a new supply line and repair the existing elevated storage tank.	PDC	\$300,000.00				
253	0	14749	Conroe Bay Water-Sewer Supply Corp	W	TX1700225	345	The existing water system of CB WSSC needs rehabilitation and improvements. Improvements include the addition of a new water well, pressure tank, ground storage tank, and a generator system.	PDC	\$560,000.00		Yes-BC	\$75,000.00	
254	0	14789	Marsha WSC	W	TX2270040	680	Marsha WSC will replace waterlines and replace meters.	PADC	\$5,571,400.10		Yes-BC	\$1,166,970.00	
255	0	14759	Woodloch	M	TX1700112	741	Repair and rehabilitate existing water well of the Town of Woodloch's water system.	PDC	\$300,000.00		Yes-BC	\$50,000.00	



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<b>Public Water System</b>													
256	0	14747	Murchison	M	TX1070027	1,050	This project will include a hydraulic water model, new system mapping, removal and replacement of existing critical waterlines, and pump station upgrades.	PDC	\$1,860,000.00				
257	0	14787	Stockdale	M	TX2470003	1,413	The City of Stockdale proposes to install a new well to enable it to continue to provide reliable drinking water to its customers.	PADC	\$2,601,568.80				
258	0	14825	Tioga	M	TX0910007	1,583	The project involves constructing a new high service pump station, 500,000-gallon elevated storage tank, 250,000-gallon ground storage tank, chlorination equipment, and a 400 gpm water well at the airport road site. Additionally, line extensions to connect the elevated storage tank into the distribution system are included.	PDC	\$12,420,655.00				
259	0	14786	Goodsprings WSC	W	TX2010016	2,346	Replacement of old and/or undersized lines and creation of loops in the system.	PDC	\$2,400,000.00				
260	0	14931	Becker-Jiba WSC	W	TX1290011	3,633	NTMWD meter vault and pump station with a 200,000 gallon Welded Steel Ground Storage Tank for extra storage along with a transmission waterline.	PDC	\$6,800,000.20				
261	0	14822	Fairfield	M	TX0810001	4,411	This project involves constructing a new high service pump station at their existing well site, chlorination facilities, 400,000-gallon ground storage tank, generator, and line extensions to connect the tank into the distribution system.	PDC	\$4,002,934.00				
262	0	14791	Justin	M		4,441	This project includes the addition of a ground storage tank and high service pump station.	DC	\$5,947,000.00				
263	0	14928	Coryell City WSD	D	TX0500013	5,713	Coryell City water supply system improvements.	DC	\$40,175,600.00				
264	0	14800	Fort Stockton	M	TX1860001	8,433	The City is developing a project to diversify its drinking water portfolio beyond the Edwards-Trinity Aquifer for system resilience.	DC	\$14,850,000.00				
265	0	14776	Creedmoor Maha WSC	W	TX2270008	9,954	Providing water services to those within the CMWSC CCN who do not have it.	PADC	\$6,074,700.00				
266	0	14989	College Mound SUD	D	TX1290012	11,515	This project consists of a transmisson line and booster pump station to receive a direct supply of water from North Texas MWD.	ADC	\$23,978,992.00				
267	0	14811	Angleton DD	D	TX0200002	19,500	Drinking water system improvements.	PDC	\$8,560,000.20				
268	0	14929	Kingsville	M	TX1370001	25,069	Replace current water meters with more efficient water meters and the Automated Metering Infrastructure (AMI)	PADC	\$9,537,546.00				

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<b>Public Water System</b>													
269	0	14853	Harlingen Water Works System	M	TX0310002	84,607	Solids handling improvements consisting of new temporary lagoons, a new access road and a new sludge pump station and force main at the Downtown WTP and a new sludge pump station and force main at the MFR WTP are proposed to discharge dilute sludge to the sewer collection system and dewater it at the WWTP together with WWTP biosolids.	PADC	\$6,875,000.00				
270	0	14938	Lower Valley WD	D	TX0710154	93,061	The project involves the construction of a new 35-ft tall steel ground storage tank along with a 1,000 gpm water booster station and a new 12" water main of an approximate length of 14,500 lineal feet. The water main will extend from North Loop Dr. to Interstate 10 along existing County of El Paso and TxDOT right-of-way and existing LVWD easements.	DC	\$6,445,764.00				
271	0	14896	McAllen	M	TX1080006	143,920	This Project consists of improvements to existing back-up power facilities at both our south and northwest water treatment facilities.	C	\$6,750,000.00				
272	0	14755	Austin	M	TX2270001	1,153,430	Convert the existing disinfection chemical feed at Ullrich WTP from chlorine and ammonia gas to on-site Sodium Hypochlorite Generation (OSHG) and Liquid Ammonia Sulfate (LAS).	C	\$21,802,660.00				
273	0	14902	Austin	M	TX2270001	1,153,430	Installation of approximately 6,200 linear feet of 24" reclaimed water main.	C	\$10,864,000.00				
274	0	14910	Austin	M	TX2270001	1,153,430	The Center Street Pump Station will be replaced with a new pump station including electrical improvements to bring the station up to current design standards.	C	\$67,427,000.00				
275	0	14912	Austin	M	TX2270001	1,153,430	The proposed South IH-35 Reservoir is planned as a 3-million-gallon elevated reservoir 100'-150' in height and will include foundational piping for a future pump station.	C	\$16,410,850.00				

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Appendix J. Project Priority List - By Rank**

Rank	Points	PIF #	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s	
<b>Public Water System</b>														
276	0	14913	Austin	M	TX2270001	1,153,430	This project will replace galvanized services found in Austin Water's system on both the public and private side of the meter.	C	\$6,038,000.00					
277	0	14792	San Antonio Water System	M	TX0150018	2,046,513	A new 3 MG EST located in Pressure Zone 828, near General McMullen and Highway 90.	D	\$3,226,708.00					
<b>Public Water System Total</b>		<b>277</b>								<b>\$3,255,535,627.70</b>	<b>105</b>	<b>92</b>	<b>\$758,233,732.00</b>	
<b>Total</b>		<b>277</b>								<b>\$3,255,535,627.70</b>	<b>105</b>	<b>92</b>	<b>\$758,233,732.00</b>	

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	PWS ID	Population	Project Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>												
1	555	14802	Silver Creek Village WSC	TX0270021	250	Water Treatment Plant and system upgrade.	PDC	\$2,370,783.00				
2	175	14954	Abilene	TX2210001	169,289	The City intends to complete a Phase I rehabilitation of its Northeast WTP, and potentially a portion of the Phase II expansion, pending costs for Phase I.	PDC	\$112,535,000.00				
3	146	14830	Eola WSC	TX0480011	165	The proposed project includes replacement of sections of the water treatment system with a new reverse osmosis (RO) system and construction of a new RO reject and backwash disposal system.	PDC	\$4,176,000.00	70%	Yes-BC	\$4,176,000.00	
4	112	14888	Ericksdahl WSC	TX1270005	274	The proposed project includes tank mixing, disinfection improvements, waterline replacement, and automatic meter reading systems	PADC	\$2,421,500.00	70%	Yes-BC	\$160,500.00	
5	107	14761	Nueces Co WCID # 3	TX1780005	6,994	Proposed project to replace small diameter waterlines; and installing AMR meters	PADC	\$9,439,422.40	70%	Yes-BC	\$2,152,978.00	
6	102	14883	Study Butte WSC	TX0220035	196	This project involves the replacement of an existing ground storage tank, rehabilitating an existing water well and/or drilling a new water well, the replacement of existing water lines and valves, and installing new water lines.	PDC	\$907,500.00	70%			
8	93	14966	Rio Hondo	TX0310006	2,356	Build a 0.65 MGD Reverse Osmosis Treatment Plant and water well.	PDC	\$4,132,800.00	70%			
9	91	14769	Huntington	TX0030002	2,121	Drill a new water well and install aerators inside elevated storage tanks.	PADC	\$1,941,000.00	70%			
11	77	14949	New Home	TX1530004	326	Installation of a new RO system including buildings, storage tanks, and appurtenances. Complete an Asset Management Plan.	PADC	\$1,438,155.25				
12	76	14745	Rayburn Country MUD	TX1210014	2,976	Project plans to install a new water well and related equipment, filtration and backwash systems at all wells, installation of SCADA, rehabilitate the storage tanks, install a pressure monitoring system for the distribution system, and install a new office facility.	PADC	\$6,050,983.00		Yes-BC	\$100,000.00	
13	75	14915	Coahoma	TX1140002	3,552	The City plans to upsize existing transmission lines, add pressure boosting facilities, and replace undersized/deteriorated distribution lines.	PDC	\$10,000,000.00		Yes-BC	\$10,000,000.00	
14	75	14854	Ballinger	TX2000001	3,862	The City plans WTP, storage upgrades and replacement of distribution and transmission lines in various locations of the distribution system.	PDC	\$33,995,000.00	70%	Yes-BC	\$33,995,000.00	
15	66	14866	Royal Oaks Apartments	TX0860080	57	Royal Oaks Water System Improvements	PDC	\$899,355.00	70%	Yes-BC	\$331,925.00	
17	63	14944	Lakeview WSC	TX0960014	98	Lakeview WSC proposes to make improvements to their pump station including installation of a new generator and nitrate removal system media replacement	C	\$60,000.00				

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>												
18	59	14754	New Summerfield	TX0370028	1,428	Addition of Elevated Storage Tank to the existing system. Addition of Water Well to the existing system. New and replacement of waterlines.	PADC	\$3,915,000.00				
19	57	14735	East Rio Hondo WSC	TX0310096	34,269	The WSC Martha Ann Simpson Water Treatment Plant (MASWTP/WTP) project includes addition of flocculation basins, DAF basins, and support equipment to improve the overall water treatment process. This project also includes a 350-KW emergency generator for ERHWSC to utilize during emergencies.	DC	\$14,063,200.00	70%			
20	57	14951	East Rio Hondo WSC	TX0310096	34,269	The North Cameron Reverse Osmosis Treatment Plant (NCRO/WTP) project proposes to expand the WTP for an additional 2.3 MGD of treatment capacity.	DC	\$18,994,800.00	70%			
22	55	14841	Seminole	TX0830012	8,917	The proposed project will add additional storage to the treatment system, and develop additional groundwater sources for the City. The project includes improvements and rehabilitation of existing pump stations within the distribution system.	PADC	\$6,090,000.00				
23	47	14890	Presidio County		6,975	Presidio County has numerous needs for their groundwater and drinking water facilities. This project contemplates making significant improvements to these water facilities.	PDC	\$25,310,000.00	70%	Yes-BC	\$6,850,000.00	
24	47	14799	Cross Roads Community WSC	TX1070228	720	Construct a new public water supply well and install an emergency generator	PDC	\$2,570,000.00				
25	44	14923	Winters	TX2000003	2,580	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,684,000.00	70%	Yes-BC	\$3,684,000.00	
26	44	14833	Mason	TX1600001	2,114	Improvements to the distribution system including line replacement, ground storage improvements, and additional water production.	PADC	\$17,439,680.00		Yes-BC	\$11,854,000.00	
27	44	14899	Paducah	TX0510001	1,186	The project includes replacement sections of the distribution system; replacement of the main transmission line that transports the water from Paducah's well field to town; and rehabilitation of the three remaining ground storage tanks at the well field to stop the corrosion that is prevalent on each of the three tanks, and addition of backup generators.	PDC	\$13,054,000.00	70%	Yes-BC	\$13,000,000.00	
29	43	14770	Daingerfield	TX1720001	4,047	Waterline replacement and pumping and storage upgrades.	PADC	\$3,520,000.00	70%			
30	41	14889	Union WSC	TX2140004	6,882	This project will include planning, evaluation, and testing for a new groundwater well and treatment plant. An Asset Management Plan will be developed.	PC	\$13,500,000.00	70%			
31	40	14876	Greater Texoma UA	TX0910011	1,906	Proposed project includes adding a backup generator and adds funds for construction of a previously funded project.	DC	\$3,149,144.00	70%			
32	40	14805	Etoile WSC	TX1740011	1,970	Replace Well No. 2, tank rehabilitation, and USDA repayment.	PADC	\$3,030,525.00	70%			

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>												
34	40	14914	Los Fresnos	TX0310004	8,023	City wide rehabilitation of existing water distribution lines. The project consists of the removal and replacement of approx. 80,000 LF of water lines.	C	\$12,533,590.00	70%			
35	40	14981	Agua SUD	TX1080022	64,633	Agua SUD proposes to construct a new water treatment plant of 3-6 MGD to serve the northeast service area, Pressure Zone 1. This includes preparation of a Preliminary Engineering Feasibility Report (PEFR), following TWDB-0555 Guidance.	PADC	\$30,072,255.00		Yes-BC	\$1,420,000.00	
36	39	14879	Loma Alta WSC	TX0950059	72	The WSC plans to install a treated water supply line from an adjacent WSC in order to purchase blending water to treat the nitrates. The project includes rehabilitation of the existing pump station, a new ground storage tank, supply line, sand trap, service pumps, chlorination system, water meters, and all associated valves and appurtenances.	PDC	\$300,000.00				
37	38	14991	Donna	TX1080002	15,798	The proposed project consists of a 12" waterline to serve as an interconnect connected from the City of Weslaco's water tower to the City of Donna's pipeline.	PADC	\$1,463,738.45	70%			
38	37	14765	Anthony	TX0710001	3,671	The Town of Anthony will construct a 250,000-gallon elevated water tank to replace the undersized, corroded, and deteriorated existing 125,000-gallon standpipe in order to provide minimum storage and pressure requirements as required by the state. Other improvements associated with the tank include chlorination system, electrical and controls upgrades, repair and rehabilitation of the existing pump station building located at the tank site, replacement of pumps at this pump station, site piping, and security fence.	DC	\$2,198,445.00	70%	Yes-BC	\$1,579,286.00	
39	37	14884	Anthony	TX0710001	3,671	The Town of Anthony water system plans to rehabilitate existing water wells, replace/rehabilitate existing pump stations, replace leaking waterlines, replace aged and inaccurate water meters with automatic reading meters, and build an arsenic treatment plant.	ADC	\$8,779,306.00	70%			
40	37	15491	Rio Grande City	TX2140018	15,494	Rio Grande City Water Treatment Plant No. 1 rehabilitation.	PDC	\$16,100,000.00	70%			
41	36	14734	Dog Ridge WSC	TX0140044	929	Upsize existing water mains in the Sherwood Shores area. The project will also include an Asset Management Plan.	PADC	\$1,535,000.00	70%	Yes-BC	\$120,000.00	
42	36	14862	Stephens Regional SUD	TX2150007	3,173	SRSUD is proposing water system improvements which include upgrading a main arterial distribution main in the system to areas which are currently limited by the size of main. Improvements are also proposed for the water treatment plant (WTP) to address issues with again equipment and operational improvements to increase treatment efficiency.	PDC	\$11,710,000.00	70%	Yes-BC	\$11,710,000.00	

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
<b>Public Water System</b>												
43	36	14794	Kemp	TX1290004	2,973	Upgrades and replacement of aging Raw Water Intake/Transmission Line, WTP, transmission lines, and added storage capacity.	PADC	\$18,235,000.00	70%			
44	36	14972	San Benito	TX0310007	28,203	The City proposes to replace existing asbestos cement (AC) and cast iron waterlines on both sides of Business 77. Phase I TMF/AMP Report has been completed. We anticipate Phase I adoption March 2023. Final AMP to be completed and adopted by June 2023. This project will serve a disadvantaged community (see attached "Disadvantaged Community Worksheet".)	PDC	\$8,672,467.30	70%			
45	35	14892	O'Donnell	TX1530001	714	Improvements to the distribution system including line replacement, pumping, ground storage improvements, and additional water production.	PADC	\$17,442,020.00		Yes-BC	\$17,443,000.00	
46	35	14856	Barton WSC	TX0720013	1,032	Barton Water Supply Corporation is proposing to rehabilitate Pump Station No. 5, adding a 30,000-gallon storage tank, electrical upgrades. SCADA improvements, and upgrades to the chloramine disinfection system.	PDC	\$1,426,000.00		Yes-BC	\$1,426,000.00	
47	35	14817	Orange	TX1810004	22,205	Construct a new Water Well Plant.	PADC	\$3,866,100.00	70%			
49	35	14936	Hardin WSC	TX1460009	5,439	New groundwater production well, elevated storage tank and related appurtenances.	PDC	\$3,466,000.00	70%			
51	34	14924	Pearsall	TX0820002	9,346	This project extends 8-inch waterline to existing homes and businesses on the north I-35 business road and replaces waterline in the City. Project also includes a new well and elevated storage tank to serve existing customers west of I-35. Completion of an asset management plan.	PDC	\$13,240,000.00	70%			
52	34	14901	Spur	TX0630012	1,100	Replacement of various portions of the City's potable water distribution pipeline system, valves, and fire hydrants.	PDC	\$3,678,000.00	70%	Yes-BC	\$3,678,000.00	
53	34	14898	Albany	TX2090001	1,983	Replacement of various portions of the City's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$2,908,500.00	70%	Yes-BC	\$2,903,500.00	

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Rank	Points	PIF #	Entity	PWS ID	Population	Project Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Related PIF #'s	
<b>Public Water System</b>													
54	34	14930	Crockett	TX1130001	6,441	Development of a new water well, transmission main, and treatment facilities	PDC	\$4,093,600.00	70%				
60	33	14885	Benjamin	TX1380011	179	Improvements to the City's 81,000 gallon ground storage tank site.	PDC	\$640,000.00	70%				
63	33	14922	View Caps WSC	TX2210004	2,421	Replacement of various portions of the WSC's aging water distribution pipeline and valves in order to reduce the number of water line leaks/breaks and boil water notices.	PDC	\$5,290,000.00		Yes-BC	\$5,290,000.00		
71	31	14958	D Bar B Water & WW SC	TX0570082	240	Emergency generator for drinking water system	PDC	\$85,000.00	70%				
73	31	14881	Victoria Co WCID # 2	TX2350006	515	The Victoria County Water Control Improvement District No. 2 plans to rehabilitate a portion of the existing distribution system to allow for better service to the community. The project will consist of rehabilitating the existing dilapidated cast iron line to a more resilient material, and to increase the ground storage capabilities of the system by adding a needed ground storage tank to the existing system.	PDC	\$1,602,000.00	70%				
78	30	15106	K-Bar/English Acres	TX1250033	111	New registered water well, chlorination, and water meters.	PDC	\$1,085,000.00	70%				
79	30	14762	Moran	TX2090002	178	Replacing flush valves, isolation valves and water distribution lines.	PDC	\$500,000.00	70%	Yes-BC	\$350,000.00		
80	30	14943	Rochester	TX1040002	464	This project involves backup power generation, an AMR meter system, and the replacement of old waterlines.	PDC	\$600,000.00	70%	Yes-BC	\$120,000.00		
<b>Public Water System Total</b>		<b>53</b>							<b>\$490,209,869.40</b>	<b>38</b>	<b>22</b>	<b>\$132,344,189.00</b>	
<b>Total</b>		<b>53</b>							<b>\$490,209,869.40</b>	<b>38</b>	<b>22</b>	<b>\$132,344,189.00</b>	

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 L. Initial Invited Green Projects**

Rank	Points	PIF #	Entity	PWS ID	Green Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Subsidized Green
<b>Public Water System</b>											
3	146	14830	Eola WSC	TX0480011	Proposed treatment improvements will reduce water loss due to flushing.	PDC	\$4,176,000.00	70%	Yes-BC	\$4,176,000.00	X
4	112	14888	Ericksdahl WSC	TX1270005	Green elements of the project include water meter replacement with an automatic meter reading system and installation of automatic flush valves. These items qualify as green elements under the categorical projects section of the Green Project Reserve Guidance TWDB-1061.	PADC	\$2,421,500.00	70%	Yes-BC	\$160,500.00	
5	107	14761	Nueces Co WCID # 3	TX1780005	The green element of the proposed project includes replacing existing meters within the proposed project area with an Automated Meter Reading system. This improvement corresponds to elements of both the 2021 Region N Coastal Bend Regional Water Plan and the 2019 NCWCID #3 Water Conservation Plan. This element is a categorical project within the Water Efficiency section of the SRF Green Project Reserve Guidance (TWDB-1061) and will aid NCWCID #3 in reducing its +25% 5-year historic average water loss rate.	PADC	\$9,439,422.40	70%	Yes-BC	\$2,152,978.00	
12	76	14745	Rayburn Country MUD	TX1210014	Pressure monitoring to detect any water loss in the system and isolate water loss location more efficiently.	PADC	\$6,050,983.00		Yes-BC	\$100,000.00	
13	75	14915	Coahoma	TX1140002	The PWS being purchased contains numerous water lines that often fail and experience high water loss. This project will replace the water lines that lead experience the most frequent line breaks/leaks.	PDC	\$10,000,000.00		Yes-BC	\$10,000,000.00	X
14	75	14854	Ballinger	TX2000001	Reduce Water Loss Distribution pipe replacement or rehabilitation to reduce water loss and prevent water main breaks	PDC	\$33,995,000.00	70%	Yes-BC	\$33,995,000.00	X
15	66	14866	Royal Oaks Apartments	TX0860080	This project will include water efficiency provisions as defined by the WaterSense program defines. -The distribution system is currently unmetered so the project qualifies for installing any type of water meter in previously unmetered areas. The rate structure will be changed and based on metered use after the meters are installed. -This project will also replace 100% of the Distribution pipe to reduce water loss and prevent water main breaks	PDC	\$899,355.00	70%	Yes-BC	\$331,925.00	X
23	47	14890	Presidio County		Rainwater harvesting is Categorical Green (1.2-4)	PDC	\$25,310,000.00	70%	Yes-BC	\$6,850,000.00	
25	44	14923	Winters	TX2000003	Water Conservation	PDC	\$3,684,000.00	70%	Yes-BC	\$3,684,000.00	X

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Rank	Points	PIF #	Entity	PWS ID	Green Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Subsidized Green
<b>Public Water System</b>											
26	44	14833	Mason	TX1600001	The green components associated with this project include significantly reducing the amount of water lost due to the leaking distribution system and frequent flushing; saving electrical energy by eliminating the pumping of water currently lost and reducing the head loss through undersized pipes. In summary, the green components of the project are increased water system efficiency, enhanced water conservation and increased energy efficiency. Replacement of the aging infrastructure with this project will greatly reduce the water loss and improve system operational efficiency throughout the City's distribution system.	PADC	\$17,439,680.00		Yes-BC	\$11,854,000.00	X
27	44	14899	Paducah	TX0510001	The proposed improvements will help to significantly reduce water losses.	PDC	\$13,054,000.00	70%	Yes-BC	\$13,000,000.00	X
35	40	14981	Agua SUD	TX1080022	VFDs Gravity Backwash	PADC	\$30,072,255.00		Yes-BC	\$1,420,000.00	
38	37	14765	Anthony	TX0710001	The green elements related to this project include the construction of the new tank and the improvements inside the tank site such as the chlorination system, electrical and control upgrades, repair and rehabilitation of the existing pump station building, replacement of the pumps inside the pump station building, and site piping. Construction of the items listed above would alleviate the continuous operation of the well pumps during peak demand periods, as only the top 12 feet of the standpipe can be utilized for the elevated storage. Anything lower than 12 feet impacts the system with low distribution pressures. The well pumps undergo excessive wear and tear, leading to increased energy costs. The proposed elevated tank will result in energy savings of \$415,848 over 30 years. Please see the attachment for further details under the Additional Attachments tab titled "EXISTING STANDPIPE NON-COMPLIANCE_&_ENERGY SAVINGS WITH NEW TANK"	DC	\$2,198,445.00	70%	Yes-BC	\$1,579,286.00	X
40	36	14734	Dog Ridge WSC	TX0140044	Replace 300 existing meters with new electronic meters that more accurately document water usage and water leaks.	PADC	\$1,535,000.00	70%	Yes-BC	\$120,000.00	
41	36	14862	Stephens Regional SUD	TX2150007	The AMR improvements will be used to limit water loss in the distribution system. The Membrane System Improvements will increase the efficiency of the treatment process by reducing the waste produced and electricity used for production.	PDC	\$11,710,000.00	70%	Yes-BC	\$11,710,000.00	X

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Rank	Points	PIF #	Entity	PWS ID	Green Description	Eligible Phase(s)	Project Cost	Disadv %	Green Type	GPR	Subsidized Green	
<b>Public Water System</b>												
44	35	14892	O'Donnell	TX1530001	The green components associated with this project include saving water that is currently lost due to the leaking distribution system; saving electrical energy by eliminating the pumping of water currently lost; and due to the fact that the distribution system is old, replacing piping will help eliminate potential sources of contaminants migrating into the water supply. In summary, the green components of the project are increased water efficiency, enhanced water conservation and increased energy efficiency. Replacement of the aging infrastructure with this project will greatly reduce the water loss in the City's distribution system.	PADC	\$17,442,020.00		Yes-BC	\$17,443,000.00	X	
45	35	14856	Barton WSC	TX0720013	The rehabilitation of the pump station will increase the efficiency of the and help to maintain the pressure and capacity.	PDC	\$1,426,000.00		Yes-BC	\$1,426,000.00	X	
51	34	14901	Spur	TX0630012	Replacement of water lines to eliminate water loss.	PDC	\$3,678,000.00	70%	Yes-BC	\$3,678,000.00	X	
52	34	14898	Albany	TX2090001	Replacing existing lines to decrease water loss.	PDC	\$2,908,500.00	70%	Yes-BC	\$2,903,500.00	X	
62	33	14922	View Caps WSC	TX2210004	Reduce Water Loss Distribution pipe replacement and rehabilitation to reduce water loss and prevent water main breaks.	PDC	\$5,290,000.00		Yes-BC	\$5,290,000.00	X	
78	30	14762	Moran	TX2090002	Reduce water loss and replace old cast iron lines prone to leaking.	PDC	\$500,000.00	70%	Yes-BC	\$350,000.00	X	
79	30	14943	Rochester	TX1040002	TWDB-0161 states amr meters are considered green projects	PDC	\$600,000.00	70%	Yes-BC	\$120,000.00		
<b>Public Water System Total</b>		<b>22</b>						<b>\$203,830,160.40</b>	<b>15</b>	<b>22</b>	<b>\$132,344,189.00</b>	
<b>Total</b>		<b>22</b>						<b>\$203,830,160.40</b>	<b>15</b>	<b>22</b>	<b>\$132,344,189.00</b>	

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