

## AGENDA ITEM MEMO

**BOARD MEETING DATE:** August 10, 2023

**TO:** Board Members

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

**FROM:** Mark Wyatt, Director, Program Administration & Reporting

**SUBJECT:** Lead Service Line Replacement Intended Use Plan

### **ACTION REQUESTED**

Consider approving the State Fiscal Year (SFY) 2023 Drinking Water State Revolving Fund (DWSRF) Lead Service Line Replacement Intended Use Plan (IUP)

### **BACKGROUND**

The Infrastructure Investment and Jobs Act of 2021 (IIJA) appropriated capitalization grant funds for Federal Fiscal Years (FFY) 2022 to 2026 for lead service line replacement projects. This IUP covers the DWSRF capitalization grant funds allocated to Texas from FFY 2022 appropriations in the amount of \$222,155,000.

The appropriations require exactly 49 percent (\$108,855,950) of the capitalization grant amount be provided as additional subsidization, which will be in the form of principal forgiveness. Per the U.S. Environmental Protection Agency's (EPA's) interpretative guidance, only projects that meet the state's disadvantaged community definition are eligible to receive the additional subsidization. A total of \$213,455,950 is available for projects under this IUP, including the required additional subsidization.

To be eligible for this financial assistance, projects must be a lead service line replacement project or associated activity directly related to the identification (including service line inventories), planning, design, and replacement of lead service lines, and the system must be DWSRF program eligible. Any funded project involving the replacement of a lead service line must replace the entire lead service line, not just a portion, unless a portion has already been replaced or is concurrently being replaced with another funding source.

### **Program Highlights**

- a) Entities were encouraged to include the potential amount that may ultimately be needed to address any possible lead service line replacement construction. The IUP is designed to allow the entity to decide later, after the EPA's October 2024 service line inventory deadline, how much funding is needed. This will enable the TWDB to secure the entire Texas allotment of this special funding;
- b) To ensure TWDB fulfills the additional subsidization requirement in the IIJA, all financing will be made at the ratio of 51 percent principal forgiveness and 49 percent loan/bond, including the financed loan origination fee. In addition, it will allow the TWDB to substitute another project at the same ratio for any project that fails to close on the entire amount, further ensuring the TWDB maintains the overall required additional subsidization percentage regardless of any particular project;
- c) Features a definition of disadvantaged community that will enable virtually all areas of Texas to be eligible for this program;
- d) At the same time as employing a broad definition of a disadvantaged community, it established that funding priority will be for projects with identified lead service lines, those with lower annual median household incomes, and smaller systems;
- e) Inventories – the loan portion of the approved project covering the service line inventories will be at zero percent interest. This will provide additional benefit to those financing service line inventories through this program;
- f) Planning, acquisition, design, and/or construction phases – the loan portion will carry an interest rate based on the regular DWSRF program interest rate reduction methodology. This will provide interest income for the regular DWSRF program since loan payments from the Lead Service Line Replacement financing are deposited into the regular DWSRF account; and
- g) Provides for a reserve of \$53,400,000 for “Construction-Ready” projects. This will ensure the program has some significant replacement projects moving forward without the need to wait for the results of the service line inventory. Further, it will ensure a faster draw-down of Lead Service Line Replacement grant funds which will require invoices from Lead Service Line Replacement projects.

### **Eligible Project Proposals**

The TWDB invited entities to submit project proposals for this special funding from March 22 until May 23, 2023. As part of the solicitation for projects, a draft IUP narrative was provided for public comment.

The TWDB received 258 eligible project proposals requesting approximately \$4 billion, although one proposal alone accounted for over \$2.8 billion of the total. Three proposals exceeded the income level for a disadvantaged community and are considered ineligible.

### **PUBLIC REVIEW, HEARING, AND COMMENTS**

A second opportunity was provided for public comment on the draft IUP, this time with the proposed project priority lists included, from June 29 to July 17, 2023. A public hearing was conducted in person on July 17, 2023, at 9:30 A.M. in Austin.

The TWDB reviewed and considered the eight public comments received. Two comments were on the general program and six were specific to the scoring of Project Information Forms. One change was made to the IUP and project proposal scoring based on the comments.

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

### **KEY ISSUES**

The outstanding engagement by entities will allow the TWDB to secure all the Lead Service Line Replacement funds allotted for Texas, which was preeminent in the design of the IUP, and will allow flexibility for the remaining four years of funding. Texas is well positioned to tackle the challenging but immensely beneficial work of replacing an extensive number of lead service lines throughout Texas.

Following approval of the IUP, the TWDB will apply to the EPA for the grant funds, followed afterwards by invitations to certain entities on the IUP's Project Priority List to submit a full application for review and consideration.

### **RECOMMENDATION**

The Executive Administrator recommends approval of the SFY 2023 DWSRF Lead Service Line Replacement IUP with the ability to make non-substantive changes if necessary.

Attachments:

1. Response to public comments on the draft SFY 2023 DWSRF Lead Service Line Replacement IUP
2. Recommended Final SFY 2023 DWSRF Lead Service Line Replacement IUP

## Texas Water Development Board

### **Response to Comments on the Draft State Fiscal Year (SFY) 2023 Drinking Water State Revolving Fund (DWSRF) Lead Service Line Replacement Intended Use Plan (IUP)**

The following provides a summary of the public comments received during the second period of public comment from June 29, 2023, to July 17, 2023, the Texas Water Development Board (TWDB) responses, and any changes to the recommended final SFY 2023 DWSRF Lead Service Line Replacement IUP.

(No comments were received during the first public comment period.)

#### **General Comments**

**Comment submitted by:** Madison Dennis, Plastic Pollution Coalition

**Comment Date:** July 12, 2023

**Comment:**

Thank you for your time and consideration on the usage of DWSRF LSLR funds and the opportunity to submit public comments.

We are very grateful to see funding being distributed to lead impacted communities in Texas that have long been living in underserved, underfunded areas. The impacts of lead exposure on a children's brain are irreversible and have hugely detrimental impacts on brain development and personal success in later life. This funding is critical to ensure the protection of children across the state of Texas, and particularly in black, brown, and low income communities and we appreciate your efforts to provide safe, clean drinking water. However, this funding will not be sufficient to replace all the lead pipes in Texas, and it may be many years before the last home has its lead pipe replaced, meaning families will continue to be exposed to lead. The orthophosphate used to reduce erosion of lead pipes will not be sufficient to protect Texans as lead is still present in many drinking water samples after treatment, and we now know there is no safe level of lead.

We ask that as Texas begins to distribute DWSRF LSLR funds, **point-of-use filters are proactively distributed to impacted families, especially those with children.** Point-of-use filters offer an affordable (at ~\$50 a year per family), convenient, and safe clean water solution while families wait for their homes to undergo LSLR. **Filters can remove 99.99% of lead, while also reducing the exposure to other toxic pollutants like PFAS.** Single-use plastic bottles are not the solution, as they can be over 2000% more expensive, leach microplastics and other chemicals, and create a massive pollution stream.

We also write to request Texas uses this funding to **replace the lead pipes with safe alternatives such as recycled copper and does not use another form of toxic pipes know as PVC** that is extremely toxic to produce and dispose of and leeches dangerous chemicals such as vinyl chloride into the water.

Please see below the letter submitted to the EPA signed on by key advocates in Texas such as Fenceline Watch and T.E.J.A.S, and other leading organizations on clean water issues and plastic pollution. I have also attached the current campaign letter with the updated list of sign ons.

NGO's Letter to the EPA (submitted Sep, 2022): signed by 23 leading organizations.  
<https://www.plasticpollutioncoalition.org/wp-content/uploads/LettertoEPA-LeadPipeReplacement-093022.pdf>

Current Campaign Letter with 35 organizations representing over 1500 groups and businesses.  
[https://docs.google.com/document/d/1QujCyTxUztCIL94lRQyabsVUywI6laWgZb8ihpb\\_Q9A/edit?usp=sharing](https://docs.google.com/document/d/1QujCyTxUztCIL94lRQyabsVUywI6laWgZb8ihpb_Q9A/edit?usp=sharing)

Thank you and please contact us with any requests for more information, or if we can be of help in addressing lead and plastic pollution in Texas.

**Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with U.S. Environmental Protection Agency guidance an eligible use of these funds includes employing pitcher filters or point-of-use devices certified by an American National Standards Institute accredited certifier to reduce lead during or for a short time period after Lead Service Line Replacement projects. The draft IUP reflected this eligibility and funded entities may elect to use these funds for those purposes. We look forward to working with Plastic Pollution Coalition and the listed organizations as we implement this immensely beneficial program.

**Change:**

None.

**Comment submitted by:**

Danielle Goshen; Policy Specialist/Counsel; National Wildlife Federation  
Marisa Bruno; Water Program Manager; Hill Country Alliance  
Adrian Shelley; Texas Director; Public Citizen  
Becky Smith; Texas Director; Clean Water Action  
Kristen Schlemmer; Legal Director and Waterkeeper; Bayou City Waterkeeper  
Annalisa Peace; Executive Director; Greater Edwards Aquifer Alliance  
Joanie Steinhaus; Ocean Director; Turtle Island Restoration Network  
Hillary Lilly; External Affairs Director; The Nature Conservancy Texas  
Stefania Tomaskovic; Ph.D.; Coalition Director; Coalition for Environment, Equity & Resilience (CEER)

**Comment Date:** July 17, 2023

**Comment:**

This letter provides the formal comments on behalf of the undersigned organizations on the Draft SFY 2023 Drinking Water State Revolving Fund (DWSRF) Intended Use Plan (IUP) for Lead Service Line Replacement. 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) available to the TWDB via the Infrastructure Investment and Jobs Act (IIJA, also referred to as the Bipartisan Infrastructure Law) over the next five years.

According to a recent EPA report released this year, 7 percent of the state's water pipes are estimated to be made of lead – placing Texas as the fifth state in the nation when it comes to percent of lead lines.<sup>1</sup> This report suggests it would cost more than \$61 billion to replace lead pipes in Texas over the next 20 years.

The need to replace these pipes is urgent, as lead is a neurotoxin that can damage the brain and cause lifelong developmental and behavioral problems in children. Due to this need, we appreciate and support the Intended Use Plan for SFY 2023 for lead service line replacement and encourage the TWDB to make additional revisions in order to ensure that funds are distributed equitably.

*1. Increase amount of principal forgiveness for more disadvantaged communities*

Under the draft IUP, an entity is considered an eligible disadvantaged community if it:

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<sup>1</sup> EPA, 7th Drinking Water Infrastructure Needs Survey and Assessment (April 2023), available at: [https://www.epa.gov/system/files/documents/2023-04/Final\\_DWINSAs%20Public%20Factsheet%204.4.23.pdf](https://www.epa.gov/system/files/documents/2023-04/Final_DWINSAs%20Public%20Factsheet%204.4.23.pdf).

- 1) may have lead service lines within the distribution system, and
- 2) 51 percent or more of the proposed project beneficiary area based on household connections has an Annual Median Household Income (AMHI) level that does not exceed 150 percent of the state's AMHI level. The state AMHI from the U.S. Census 2017-2021 American Community Survey (ACS) 5-year estimate is \$67,321; therefore, the AMHI of the proposed project beneficiary area must not exceed \$100,982.<sup>2</sup>

While we were not able to get a complete dataset for the 2017-2021 American Community Survey (ACS) 5-year estimates for Texas cities, using the 2018 ACS 5-year dataset, we identified 95 cities in Texas that had an AMHI over \$100,982. If looking at the AMHI of U.S. Census Bureau Cities under **Method 1**, we estimate that this would exclude less than 10% of cities from accessing principal forgiveness – meaning that roughly 92% of all cities in Texas would qualify as disadvantaged communities under this definition.

According to the EPA, nearly all states use AMHI as part of their definition of disadvantaged communities.<sup>3</sup> However, states employ widely different methodologies and thresholds for developing their criteria.<sup>4</sup> Of the states that use this approach<sup>5</sup>:

- 14 set a threshold at or below state MHI (100 percent or less of state MHI).
- 10 set the threshold at 80 percent or below state MHI.
- 3 set the threshold at an amount greater than state MHI (e.g., Nebraska uses less than or equal to 120 percent of statewide MHI). One of these three states defines DACs as those with an MHI at or below the national MHI (which is higher than the state MHI).
- 5 states establish tiers of MHI that serve as thresholds for providing different levels of assistance.

As noted above, only three states set the threshold above the statewide AMHI. Even under Texas's CWSRF and DWSRF programs, excluding the new Emerging Contaminants and Lead Service Line Replacement programs, the threshold is set at 75% statewide AMHI. The TWDB's proposed expansion of the definition under this program is in line with the draft short-term goal.

*#3: "to improve public health throughout Texas by employing disadvantaged criteria that will maximize the number of systems able to identify and replace any lead service lines in Texas."*<sup>6</sup>

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<sup>2</sup> TWDB, Appendix D, Lead Service Line Replacement Intended Use Plan, Drinking Water State Revolving Fund at 24.

<sup>3</sup> EPA, DWSRF Disadvantaged Community Definitions: A Reference for States (2022), at 3. Available at: [https://www.epa.gov/system/files/documents/2022-10/DWSRF%20DAC%20Definitions%20Report%20October%202022%20Updates\\_FINAL\\_508.pdf](https://www.epa.gov/system/files/documents/2022-10/DWSRF%20DAC%20Definitions%20Report%20October%202022%20Updates_FINAL_508.pdf).

<sup>4</sup> *Id.*

<sup>5</sup> *Id.*

<sup>6</sup> TWDB, Lead Service Line Replacement Intended Use Plan, Drinking Water State Revolving Fund at 11.

However, we believe that if there is an expansive definition of disadvantaged communities, then there should be differentiation between levels of disadvantage not just in the prioritization of projects but also in financing available. Instead of providing different amounts of principal forgiveness based on level of disadvantage, “all financing will be made at the ratio of 51 percent principal forgiveness and 49 percent loan/bond, including the financed loan origination fee.”<sup>7</sup> For example, if an eligible entity’s AMHI is \$100,000, it will receive the same financing as a community whose AMHI is \$30,000.

While we recognize the need to replace *all* lead service lines, we believe that the principal forgiveness should be prioritized in areas most unable to pay for replacement. Importantly, a high ranking community should not be turned away from project funding if they are unable to repay loans. Without any possibility of 100% forgivable loans, we are concerned that the most under-resourced communities will continue to not be able to invest in necessary lead service line replacement programs.

*II. Add projects that identify lead service lines to rating criteria #1*

Weighing in at 25 points, the “Identified Lead Service Lines” criteria outweighs all other rating criteria in Appendix C. While we understand the need to quickly address known lead service lines, we are concerned that focusing on communities that have already identified lead service lines will put less resourced communities at a disadvantage. Less resourced communities may have not had previous opportunities to identify lead service lines, whether through financial constraints, lack of appropriate personnel, or other reasons.

Providing 25 points for communities that have already identified lead service lines also goes against Short-Term Goal #1: “Fund eligible project proposals to identify and replace lead service lines up to the amount of funding available.” By providing 25 points to projects that have already identified lead service lines, communities that have not yet been able to identify lead lines will be ranked much lower than all communities that have identified such lines – making it difficult to get a project funded in other locations. Therefore, we suggest adding identifying lead service lines to this rating criteria. This would follow the DWSRF and CWSRF rating criteria under the Emerging Contaminants draft IUP, which provides the same amount of points for either communities that have already identified emerging contaminants, or “proposals to identify emerging contaminants and/or requesting only planning and design and associated pre-project costs for any eligible purpose, without requesting the associated construction costs.” This would better ensure that communities that have not been able to yet identify lead service lines will not be left out of this opportunity.

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<sup>7</sup>.TWDB, Lead Service Line Replacement Intended Use Plan, Drinking Water State Revolving Fund at 8.



III. Consider adding additional rating criteria aimed at prioritizing projects in vulnerable subpopulations, including percent of children under 5 years of age.

There are numerous subpopulations that are particularly vulnerable to lead exposure. However, some of the characteristics of subpopulations are not systematically quantified through for example, American Community Survey data. For example, the CDC has identified pregnant parents and immigrant and refugee children from less developed countries as particularly vulnerable subpopulations. However, gathering statewide data on these subpopulations would be difficult and potentially problematic.

However, as discussed in the introduction, the need to replace lead service lines is urgent, as lead is a neurotoxin that can damage the brain and cause lifelong developmental and behavioral problems in children. According to the CDC, children less than six years old are at a higher risk of lead exposure.<sup>8</sup> Luckily, the ACS collects data on percent of persons under 5 years of age.

We believe that prioritizing communities with large populations under 5 years of age will better target communities most at risk, and therefore those that will benefit most from the DWSRF Lead Service Line Replacement program. Additional rating criteria aiming at prioritizing projects in other vulnerable communities should also be considered.

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Thank you for the opportunity to submit these comments. We hope these recommendations provided above are taken into consideration and look forward to any future discussions with the TWDB.

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<sup>8</sup> CDC, available at: <https://www.cdc.gov/ceh/lead/prevention/populations.htm>

**Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP.

*Increase amount of principal forgiveness for more disadvantaged communities*

Unlike other SRF programs, the DWSRF LSLR program has specific requirements for the amount of principal forgiveness and loan funding that is made available to systems, as stipulated by the Infrastructure Investment and Jobs Act of 2021 and EPA implementation guidance. The program must provide exactly 49 percent of the grant in the form of principal forgiveness to projects. Because of this very specific requirement and the complexity of ensuring that this legal requirement is met with a large number and variety of projects, the TWDB will fund each project at the same ratio of principal forgiveness and loan. The 49 percent requirement applies to the entire grant and is calculated only upon completion of all funded projects. This fixed ratio will ensure that even if particular project fails to fully close on their funding or all funds are not used on a particular project, the TWDB will be able to substitute another project, the overall percentage for the program will be maintained, and the TWDB can avoid being out of compliance with the law.

Add projects that identify lead service lines to rating criteria #1

The intent of weighting the identification of existing lead service lines with 25 points was to prioritize projects that have a known lead problem. In many cases, lead service lines have been identified while conducting routine maintenance or addressing line breaks, and not necessarily a targeted service line inventory. The fact that some systems have already identified some lead service lines does not mean that they have conducted a comprehensive service line inventory. Identified lead service lines are hazardous to public health and wherever they are identified need to be replaced as soon as possible. This is a fundamental goal of the TWDB's Lead Service Line Replacement program. Therefore, prioritizing projects that have already identified lead service lines helps to achieve this goal.

Consider adding additional rating criteria aimed at prioritizing projects in vulnerable subpopulations, including percent of children under 5 years of age.

The TWDB appreciates the comment. As mentioned, identified lead service lines are hazardous to public health and wherever identified they need to be replaced. Neighborhoods with identified lead service lines will undoubtedly contain residents in all age groups. The goal will be to remove all of the lead service lines in the neighborhood. Further, the public, including children, could be impacted regardless of the location of these identified lead service lines. Therefore, the agency will focus on replacing those identified lines and after the conclusion of the service line inventories provide data to EPA and others on the total identified need in Texas. As the program progresses the TWDB will continue to consider all suggestions on rating criteria to ensure its effectiveness of meeting the goals of the program and the needs of Texas water systems. All suggestions related to rating criteria are considered each year, while taking into account the resources required to acquire the information that is required on applications, as not to create a burden on the applying systems that would harm their ability to submit an application for funding.

**Change:**

None.

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

### **Nueces County Water Control Independent District No. 3**

**Comment submitted by:** Mark Hall, Hanson, Inc.

**Comment Date:** July 14, 2022

**Comment:**

On behalf of the Nueces County WCID No. 3: The District would like to clarify that it has identified lead service lines in its project area, and requests that its project ranking on the 2023 DWSRF IUP Lead Service Line Replacement program prioritization list be revised to reflect this fact. The District would be glad to provide supporting details if needed.

**Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with the IUP, the scores may only be based on information received by the established Project Information Form (PIF) submission deadline. Accordingly, the TWDB is unable to accept additional information for the PIF rating during the comment period. This is done to create consistency during the TWDB review and equality throughout the rating process for all entities. TWDB staff confirmed that the answer to this question was “No” in the original PIF and therefore must be used in the rating of this PIF. No points may be awarded for this question. However, those that submitted a PIF that does not get funded with this year’s grant allotment may submit an updated PIF during the upcoming project solicitation period.

**Change:**

None.

## **City of Bonham**

**Comment submitted by:** Shriram Manivannan, P.E.; Project Manager; KSA Engineers, Inc.

**Comment Date:** July 17, 2023

### **Comment:**

We are submitting a comment/clarification on the draft IUP and the PIF application for FFY 2022/SFY 2023 Lead Service Line Replacement Funding, for the City of Bonham.

The PIF application submitted to you on the 23rd of May answered “No” for a question on Section 4 of the application “Has the entity identified any lead service lines in the project area”. The answer for this question is “Yes”. The city has identified several lead and copper service lines within the project area in the past and have replaced several lines as part of their regular O&M. Lead sampling performed at various locations in the city also shows there are locations with trace levels of lead in the system. Please see attached results of trace lead in the distribution system.

Additionally, there are several subdivisions within the city limits that were built prior to 1990, which are expected to have lead lines in the distribution system.

We request that our response to the question “Has the entity identified any lead service lines in the project area” under section 4 be changed to “Yes”.

Please let me know if you have any questions.

### **Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with the IUP, the scores may only be based on information received by the established Project Information Form (PIF) submission deadline.

Accordingly, the TWDB is unable to accept additional information for the PIF rating during the comment period. This is done to create consistency during the TWDB review and equality throughout the rating process for all entities. TWDB staff confirmed that the answer to this question was “No” in the original PIF and therefore must be used in the rating of this PIF. No points may be awarded for this question. However, those that submitted a PIF that does not get funded with this year’s grant allotment may submit an updated PIF during the upcoming project solicitation period.

### **Change:**

None.

## **City of Honey Grove**

**Comment submitted by:** Shriram Manivannan, P.E.; Project Manager; KSA Engineers, Inc.

**Comment Date:** July 17, 2023

### **Comment:**

We are submitting a comment/clarification on the draft IUP and the PIF application for FFY 2022/SFY 2023 Lead Service Line Replacement Funding, for the City of Honey Grove.

The PIF application submitted to you on the 23rd of May answered “No” for a question on Section 4 of the application “Has the entity identified any lead service lines in the project area”. The answer for this question is “Yes”. The city has identified several lead and copper service lines within the project area (roughly 136 connections out of the total 852 connections). Please see attached list of lead and copper service connections.

Additionally, there are several subdivisions within the city limits that were built prior to 1990, which are expected to have lead lines in the distribution system.

We request that our response to the question “Has the entity identified any lead service lines in the project area” under section 4 be changed to “Yes”.

Please let me know if you have any questions.

### **Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with the IUP, the scores may only be based on information received by the established Project Information Form (PIF) submission deadline.

Accordingly, the TWDB is unable to accept additional information for the PIF rating during the comment period. This is done to create consistency during the TWDB review and equality throughout the rating process for all entities. TWDB staff confirmed that the answer to this question was “No” in the original PIF and therefore must be used in the rating of this PIF. No points may be awarded for this question. However, those that submitted a PIF that does not get funded with this year’s grant allotment may submit an updated PIF during the upcoming project solicitation period.

### **Change:**

None.

**City of Rockdale**

**Comment submitted by:** Madelyn Tadlock, P.E.; KSA Engineers, Inc.

**Comment Date:** July 17, 2023

**Comment:**

We would like to request the change of Section 4 Question A from No to Yes. The entity can show that there are service lines with lead due to their PB(lead) sample results showing traces of lead in their water.

Please see attached original PIF and mapping, as well as pdf of water sample results recorded to TCEQ Drinking Water Watch page.

**Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with the IUP, the scores may only be based on information received by the established Project Information Form (PIF) submission deadline. Accordingly, the TWDB is unable to accept additional information for the PIF rating during the comment period. This is done to create consistency during the TWDB review and equality throughout the rating process for all entities. TWDB staff confirmed that the answer to this question was “No” in the original PIF and therefore must be used in the rating of this PIF. No points may be awarded for this question. However, those that submitted a PIF that does not get funded with this year’s grant allotment may submit an updated PIF during the upcoming project solicitation period.

**Change:**

None.

## **Wharton County Water Control Independent District**

**Comment submitted by:** Madelyn Tadlock, P.E.; KSA Engineers, Inc.

**Comment Date:** July 17, 2023

### **Comment:**

Please accept updated Wharton County WCID 2 LSLR PIF. The change on this PIF was in regards to section 4. Questions A. The entity can show that there are service lines with lead due to their PB sample results showing traces of lead in their water.

Please see attached updated PIF and mapping, as well as pdf of water sample results recorded to TCEQ Drinking Water Watch page.

### **Response:**

The TWDB appreciates receiving the comments for the 2023 DWSRF Lead Service Line Replacement IUP. In accordance with the IUP, the scores may only be based on information received by the established Project Information Form (PIF) submission deadline. Accordingly, the TWDB is unable to accept additional information for the PIF rating during the comment period. This is done to create consistency during the TWDB review and equality throughout the rating process for all entities. TWDB staff confirmed that the answer to this question was “No” in the original PIF and therefore must be used in the rating of this PIF. No points may be awarded for this question. However, those that submitted a PIF that does not get funded with this year’s grant allotment may submit an updated PIF during the upcoming project solicitation period.

### **Change:**

None.

**City of Hondo**

**Comment submitted by:** B. Alan Phillips, P.E.; KSA Engineers, Inc.

**Comment Date:** July 5, 2023

**Comment:**

Thank you for your rapid response. I am forwarding the email to DWSRF dated May 23, 2023 below. I'm not sure how it might have been caught up somehow. It was never returned undeliverable. Maybe it went to spam? Thank you again for your consideration.

**Response:**

Thank you for bringing this to our attention, after receiving your comment, TWDB staff confirmed with our Information Technology staff, who confirmed that your email was received on May 23, 2023, but it is unclear on why that email was missed during the intake of submittals.

**Change:**

The Project Information Form for the City of Hondo has been added to the Project Priority List in this Intended Use Plan.





**Drinking Water State Revolving Fund**  
**Intended Use Plan**  
**Lead Service Line Replacement Funding**  
**SFY 2023**  
**(FFY 2022 Allotment)**

Effective Date: August 10, 2023

## Contents

I. Overview .....	5
II. Background .....	6
III. Projects to Fund .....	7
A. Eligible Applicants.....	7
B. Eligible and Ineligible Use of Lead Service Line Replacement Funds .....	7
IV. Amount Available / Allocations.....	8
V. Funding Options and Terms .....	9
VI. Goals .....	11
A. Short-Term Goals.....	11
B. Long-Term Goals .....	11
VII. Participating in the DWSRF Program.....	12
B. Evaluation of the Project Information Received and Priority Rating System .....	13
C. Ranking and Creation of the Project Priority List .....	13
E. Bypassing Projects .....	13
F. Phases for Invited Projects .....	13
G. Invitations and Application Submissions .....	14
H. Addressing Any Water Loss Mitigation within the Application.....	15
I. Closing Deadlines .....	15
J. Limits .....	16
K. Leveraging to Provide Additional Funding.....	16
L. Updates to the Intended Use Plan .....	16
VIII. Set-Asides .....	17
A. Texas Water Development Board Administration and Technical Assistance Activities ....	17
B. Coordination of Activities with the Texas Commission on Environmental Quality .....	17
IX. Financial Status .....	17
A. State Match.....	17
B. Binding Commitment Requirement .....	17
C. Leveraging.....	18
D. Cross-collateralization.....	18
E. Method of Cash Draw .....	19
F. Long-Term Financial Health of the Fund .....	19
G. Interest Rate Policy.....	19

H. Fees .....	19
I. EPA Program Evaluation Report and Audit.....	19
X. Navigating the Lists .....	20
Appendix A. Public Review and Comment .....	21
Appendix B. Projected Sources and Uses of Funds .....	22
Appendix C. Rating Criteria.....	23
Appendix D. Criteria to Determine Disadvantaged Community Eligibility.....	24
Appendix E. Federal Requirements and Assurances .....	26
Appendix F. Bypass Procedures .....	30

Texas Water Development Board rules governing the Drinking Water State Revolving Fund program (Texas Administrative Code, Title 31, Part 10, Chapter 371) may be accessed online at [http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac\\_view=4&ti=31&pt=10&ch=371](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=31&pt=10&ch=371)

## 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>IIJA</b>	Infrastructure Investment and Jobs Act, 2021
<b>IUP</b>	Intended Use Plan
<b>LSL</b>	Lead Service Line
<b>LSLR</b>	Lead Service Line Replacement
<b>MCL</b>	Maximum Contaminant Level
<b>NEPA</b>	National Environmental Policy Act
<b>PIF</b>	Project Information Form
<b>POU</b>	Point of Use
<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 Infrastructure Investment and Jobs Act, 2021, Pub. L. 117-58 (IIJA) appropriated capitalization grant funds for Federal Fiscal Years (FFY) 2022 to 2026 for lead service line replacement projects and associated activities directly connected to the identification, planning, design, and replacement of lead service lines.

This Intended Use Plan (IUP) covers the DWSRF capitalization grant funds allocated to Texas from FFY 2022 appropriations in the amount of \$222,155,000. The appropriations require 49 percent of the capitalization grant amount be provided as additional subsidization, which will be in the form of principal forgiveness.

After the administrative set-aside, a total of \$213,455,950 is available for projects under this IUP, including the required \$108,855,950 for additional subsidization, which this program will provide in the form of principal forgiveness.

The Environmental Protection Agency (EPA) implementation memorandum provides the following guidance and information:

### **Eligible Use of Funds:**

For a project or activity to be eligible for funding under this appropriation, it must be otherwise DWSRF eligible and be a lead service line replacement (LSLR) project or associated activity directly connected to the identification, planning, design, and replacement of lead service lines.

Any project funded under this appropriation involving the replacement of a lead service line must replace the entire lead service line, not just a portion, unless a portion has already been replaced or is concurrently being replaced with another funding source.

To define a “lead service line” for the purpose of this appropriation, EPA will use an amended version of the Lead and Copper Rule Revisions’ regulatory definition, which is,

“...a service line made of lead, which connects the water main to the building inlet. A lead service line may be owned by the water system, owned by the property owner, or both. For the purposes of this subpart, a galvanized service line is considered a lead service line if it ever was or is currently downstream of any lead service line or service line of unknown material. If the only lead piping serving the home or building is a lead gooseneck, pigtail, or connector, and it is not a galvanized service line that is considered an LSL the service line is not a lead service line.”

EPA has expanded the eligible uses beyond the definition above to also include the replacement of lead goosenecks, pigtails, and connectors as eligible expenses, whether standalone or connected to a lead service line. This TWDB program uses the expanded EPA definition for this special funding. These funds cover and require replacement of the entire lead service line as defined above which terminates at the premise plumbing, regardless of the location of the water meter or isolation valve, or even the lack of an

isolation value before the start of premise plumbing. Any portion of a “lead service line” as defined above that extends through the wall and into the house must be replaced. No portion of a particular “lead service line”, whether outside or inside the structure, may remain. The composition of the material, such as a lead service line pipe, should determine what must be replaced. Premise plumbing, though, is not eligible under this DWSRF program special funding.

**Additional Subsidization:**

The IIJA contained the following provision:

“Provided further, That for the funds made available under this paragraph in this Act, forty-nine percent of the funds made available to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide subsidy to eligible recipients in the form of assistance agreements with 100 percent forgiveness of principal or grants (or any combination of these), notwithstanding section 1452(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12)”

This language requires states to provide 49% of the capitalization grant amount as additional subsidization in the form of principal forgiveness and/or grants. EPA’s guidance says states must provide all additional subsidization to water systems that meet the state’s disadvantaged community criteria.

**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.

The IIJA appropriated supplemental capitalization grant funds for Federal Fiscal Years (FFY) 2022 to 2026 for general activities, lead service line replacement, and emerging contaminants. The SFY 2023 IUP covering general activities using the FFY 2022 annual and IIJA appropriations was effective October 5, 2022. Additional details regarding the funding allotment for addressing emerging contaminants will be provided at a future date.

### 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

**An entity's project must meet the disadvantaged criteria to receive funding under this IUP.** See Appendix D: Criteria to Determine Disadvantaged Community Eligibility for more information.

#### B. Eligible and Ineligible Use of Lead Service Line Replacement Funds

##### 1. Examples of eligible projects and activities:

For a project or activity to be eligible for funding under this appropriation, it must be otherwise DWSRF eligible and be a LSLR project or associated activity directly connected to the identification, planning, design, and replacement of lead service lines. Any project funded under this appropriation involving the replacement of a lead service line must replace the entire lead service line, not just a portion, unless a portion has already been replaced.

- Complete removal of lead service lines (public and privately owned portion) or service lines made of galvanized iron or galvanized steel (that are currently or have previously been downstream of lead components) and replacement with a pipe that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes.
- Removal of lead or galvanized goosenecks, pigtails, and connectors, and replacement with an acceptable material that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes.
- Replacement of curb stops, curb stop boxes, and other service line appurtenances that are removed as part of full LSLR.
- Site restoration, including landscaping, sidewalks, driveways, etc. if the removal was necessary to replace the lead service line.
- Permit fees if the fees are normal, required, and specific to the LSLR. It is recommended that communities waive these fees.
- Temporary pitcher filters or point-of-use (POU) devices certified by an American National Standards Institute accredited certifier to reduce lead during or for a short time period after LSLR projects.
- Development or updating of lead service line inventories, including locating and mapping lead service lines.
- Methods of investigation to develop inventories could include visual observation, water quality sampling (non-compliance), excavation, vacuum or hydro-excavation, statistical analysis, or other emerging technologies.

- Planning and design for infrastructure projects listed above.
  - Non-routine lead sampling (if not for compliance purposes) as part of a LSLR project.
- 2. Ineligible projects and activities:**
- A project or activity that is not a lead service line replacement project or associated activity directly connected to the identification, planning, design, and replacement of lead service lines.
  - Any project or activity not replacing the entire lead service line unless a portion of a lead service line has already been replaced or is concurrently being replaced with another funding source.
  - Corrosion control studies, corrosion control infrastructure, and water meters. Also, consistent with the regular DWSRF program, funding for bottled water and premise plumbing are not eligible under this appropriation.
- 3. Reimbursement for service line inventory activities** – An entity may include in its proposed project a request for reimbursement for eligible initial service line inventory activities that were required to comply with the EPA’s Lead and Copper Rule Revisions regulation or other service line inventories conducted or being updated. However, the activities must have been performed in accordance with all DWSRF program requirements to be reimbursed.

#### **IV. Amount Available / Allocations**

##### **1. Allocations**

A total of \$213,455,950 is available for projects under this IUP. A total of \$108,855,950 will be allocated to the required additional subsidization funding and \$104,600,000 will be allocated to the loans/bonds, including the financed loan origination fee.

##### **2. Principal Forgiveness / Loan ratio**

All financing will be made at the ratio of 51 percent principal forgiveness and 49 percent loan/bond, including the financed loan origination fee. The loan origination fee must be financed under this IUP as part of the DWSRF program commitment to ensure the TWDB maintains the required principal forgiveness percentage for the capitalization grant. An entity’s project must meet the disadvantaged criteria to receive funding under this IUP. See Appendix D: Criteria to Determine Disadvantaged Community Eligibility for more information.

##### **3. Inventories - Separate interest rates, closings requirements, and debt instruments offered**

The loan portion of the approved project covering the service line inventories will be at zero percent (0%) interest, may close separately from any portion for approved for Planning, Acquisition, Design, and/or Construction, and may be in the form of a loan agreement to any entity that may legally employ that option to save on closing costs.



The loan/bond financing for Planning, Acquisition, Design, and/or Construction portion will be at the DWSRF program's regular reduced interest rate.

**4. Interest rate reduction methodology:**

The interest rate on these equivalency projects will be a 35-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.

**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.

**Allocation of Grant Funds, including Additional Subsidization & Set-asides:**

<b>DWSRF FFY 2022</b>	\$222,155,000	% of Grant
<b>Minimum &amp; Maximum - Principal Forgiveness</b>		
<b>Minimum &amp; Maximum (Total)</b>	\$108,855,950	49%
<b>Current Allocation of Principal Forgiveness</b>		
<b>Total Currently Allocated</b>	\$108,855,950	49%
<b>Total Breakdown</b>		
Total Principal Forgiveness Allocated to Projects	\$108,855,950	49%
Set-aside - TWDB Administration (including Project Management System)	\$8,699,050	3.92%
Set-asides - Small Systems Technical Assistance, State Program Management, Local Assistance and Other State Programs	\$0	
Loans/Bonds	\$104,600,000	47%
<b>Total</b>	<b>\$222,155,000</b>	<b>100%</b>

**V. Funding Options and Terms**

**Equivalency projects (Federal Requirements)** – All projects will be considered equivalency projects, which must follow all federal requirements commonly known as “cross-cutters”. More information on the federal cross-cutters may be found in Appendix E.

**1. Funding Options Available:**

Entities with projects that meet the disadvantaged criteria and are listed on the Project Priority Lists (PPLs) may be invited to apply for the following funding options.

**a. Inventories (Equivalency)**

Funding for the development or updating of service line inventories, including locating and mapping service lines. To be eligible, the activity must have been performed in accordance with all DWSRF program requirements, including the Disadvantaged Business Enterprise requirements. All financing will be made at the ratio of 51 percent principal forgiveness and 49 percent loan/bond, including the financed loan origination

fee (except TWDB may adjust the ratio slightly for some commitments to yield the 49 percent principal forgiveness amount to the mathematical precision EPA determines is required under the IJA). The loan origination fee must be financed under this IUP as part of the DWSRF program commitment to ensure the TWDB maintains the required principal forgiveness percentage for the capitalization grant. The loan portion will have an interest rate of zero percent (0%). It will carry different closing timeframe requirements, and the repayable portion may be provided in the form of a loan agreement to any entity that may legally employ that option.

**b. Planning, Acquisition, Design, and/or Construction (Equivalency)**

Funding for all other eligible activities will be under this option. All financing will be made at the ratio of 51 percent principal forgiveness and 49 percent loan/bond, including the financed loan origination fee. The loan origination fee must be financed under this IUP as part of the DWSRF program commitment. The loan/bond portion will have the regular subsidized interest rate. The funding will have different closing timeframe requirements than the inventory funding option. This financing will only be provided in the form of a loan agreement to those entities that may only employ that option under state law.

**2. Reserve of Construction-Ready Projects**

The TWDB will reserve \$53,400,000 of the project amount for commitments, including the loan origination fee, for projects that TWDB determines are construction-ready, with a limit of up to \$10,680,000 in total commitments including the loan origination fee per entity or project for funding under this reserve. Construction-ready means the entity has identified specific lead service lines to be replaced using DWSRF Lead Service Line Replacement funds or is currently underway with replacing lead service lines. From the reserve, TWDB will prioritize \$32,040,000 for entities that have identified specific lead service lines to be replaced using DWSRF Lead Service Line Replacement funds and \$21,360,000 for entities that are currently underway with replacing lead service lines. An entity must satisfy all federal procurement requirements, including EPA's Disadvantaged Business Enterprise requirements, for this reserve the same as other project funding provided under the IUP. An entity must provide TWDB any information needed to make a determination on eligibility for this reserve. Reserved funds not fully allocated may be reallocated to other funding options. (The Executive Administrator may adjust the amount of the total reserve or amount per entity/project if necessary for rounding purposes.)

**3. Terms of Financial Assistance**

Loans may be offered for a term of up to 15 years for the portion provided under the inventory only funding option. Loans may be offered up to 30 years for the planning, acquisition, design, and/or construction phases. If the project consists of service line inventories and planning, acquisition, design, and/or construction phases, then the cost for the inventories, if less than 25 percent of the total amount being financed, may be financed with a loan of up to 30 years. The zero percent rate on the costs for the service

line inventories will reduce the overall interest rate on the total amount financed. 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 the Build America, Buy America Act. DWSRF-funded projects must follow all federal “cross-cutter” requirements and EPA’s signage requirements. These requirements are outlined in Appendix E.

## **VI. 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. Goals specific to the lead service line replacement funding in this IUP are listed below.

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

1. Fund eligible project proposals to identify and replace lead service lines up to the amount of funding available.
2. Provide outreach to systems within Texas on the availability of this funding to identify and replace lead service lines.
3. To improve public health throughout Texas by employing disadvantaged criteria that will maximize the number of systems able to identify and replace any lead service lines in Texas.
4. The TWDB and TCEQ will collaborate on the deployment of these funds in a manner that will provide the most beneficial assistance to entities conducting required service line inventories and replacing identified lead service lines.

### **B. Long-Term Goals**

1. Use the lead service line grant funds provided to Texas to fund project proposals to replace all identified lead service lines in Texas.
2. To the extent eligible project proposals are received, use all the lead service line replacement funds allotted to Texas to improve public health and ensure compliance with the requirements of SDWA.

3. To enhance the timely identification and removal of any lead service lines in Texas, maximize the number of systems that receive the benefit of the subsidy available under the IIJA appropriations.
4. The TWDB and TCEQ will collaborate on the deployment of these funds in a manner that will provide the most benefit to public health and ensure compliance with the requirements of SDWA.
5. Employ these funds in a manner that will maintain the fiscal integrity of the DWSRF in perpetuity.

## **VII. Participating in the DWSRF Program**

### **A. Solicitation of Project Information**

Project information will be 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 must submit a Project Information Form (PIF) by the response deadline in Appendix A.

The required information submitted on a PIF consisted of:

- A detailed description of the proposed project to identify and/or replace lead service lines.
- 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.
- Information necessary to rank the project:
  - (a) Whether there are identified lead service lines
  - (b) Project area's Annual Median Household Income
  - (c) System size – number of connections
- Information necessary to determine disadvantaged eligibility.
- Signature of the applicant's authorized representative.
- Additional information detailed within the solicitation for projects.

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

## **B. Evaluation of the Project Information Received and Priority Rating System**

All PIFs will receive a review by TWDB staff. The scores are based on information received by any established PIF deadline. Throughout the evaluation process, entities will be contacted by staff if additional information is needed.

## **C. Ranking and Creation of the Project Priority List**

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

1. The applicant for a proposed project changes but the project does not change;
2. The number of participants in a 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.

Based on a review of readiness to proceed to construction, the TWDB determines which phases would be eligible to receive funding. The phases indicated on the TWDB invitation represent the phases deemed eligible based on that review.

## **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. 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. Inventories Funding Only**

This option covering both new service line inventories as well as reimbursement of costs to perform service line inventories is used to fulfill TCEQ's requirements for the EPA Lead and Copper Rule Revisions regulation. To be eligible for reimbursement, the activity must have been performed in accordance with all DWSRF program requirements, including the Disadvantaged Business Enterprise requirements.

## **2. Pre-Design Funding Option (or Inventories, 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 and lead service lines must be identified before funds for the construction phase will be released.

## **2. Construction Funding Only**

Lead service lines must be identified before construction work proceeds.

## **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 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.

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

The TWDB will invite certain entities on the PPL to submit an application for eligible project phases. An entity on the list may not submit an application until it receives an invitation from TWDB. TWDB will consider bypass procedures in Appendix F. when deciding whether it needs to bypass projects on the PPL.

### 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 PPL that are received during the initial invitation round after Board approval of the IUP will be allotted available funding 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 funding may be reallocated.

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.

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

#### Deadline for Receipt of Application

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

TWDB may invite additional projects to submit if any funds remain unallocated after an initial invitation. Applicants may submit a PIF at any time for a project to be considered for inclusion on an amended PPL. The new projects will be considered after those on the original PPL list have been invited. The amended PPL will undergo a 14-day public review period that will be advertised on the agency website.

### **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, subject to federal requirements that limit the use of these funds solely to the replacement of lead service lines. 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. Closing Deadlines**

The deadlines to close a commitment is dependent on whether the commitment is 100% for inventory activities or some combination of inventory activities, along with planning, acquisition (if needed), design and/or construction. If the commitment is only for inventory activities it must close within twelve months from the date of commitment. If the commitment is a combination of inventory activities, along with planning, acquisition (if needed), design and/or construction it must close within 24 months. The recipient may elect to close separately on the amount for inventory activities before closing on the remainder of the commitment within the 24-month timeframe. 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. To manage cash flow and borrowing costs, TWDB may elect to close the loan portion to an escrow account before subsequently closing the principal forgiveness portion to an escrow account, or employ other methods.

Type of Financial Assistance	Closing Deadline
Commitment is only for inventory activities	12 months
Combination of inventory activities, along with planning, acquisition (if needed), design and/or construction	24 months

**J. Limits**

**1. Proportionate Share/Capacity**

The TWDB may limit the amount of total funding available to an individual entity or project based on a proportionate share of total funds available.

**2. Additional Project Funding Before Closing**

The total project costs may be increased if the entity shows that additional funds are necessary to implement the project.

**3. Reduction in Closing Amount**

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 to maintain the required ratio of 51 percent principal forgiveness and 49 percent loan, including the origination fee.

**4. Reserve for Construction-Ready Projects**

There is a limit of up to \$10,680,000 in total commitments including the loan origination fee per entity or project for funding under this reserve.

**K. Leveraging to Provide Additional Funding**

The TWDB may leverage the DWSRF program as necessary to meet the demand for funding additional drinking water projects. The TWDB does not anticipate leveraging the lead service line replacement grant funds at this time.

**L. 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.



## **VIII. 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 the FFY 2022 capitalization grant for lead service line replacement 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 2022 Capitalization Grants in the amount of \$8,699,050. This amount is based on the option of using four percent of the FFY 2022 capitalization grant for lead service line replacement 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.

### **B. 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.

## **IX. Financial Status**

### **A. State Match**

No state match is required for the lead service line replacement grant funds.

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

The TWDB will enter into binding commitments with entities that equal the amount of a FFY 2022 grant payment allocated to projects within one year after the receipt of the

grant payment. 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 does not anticipate leveraging the lead service line replacement grant funds at this time.

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

There is no state match and 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.

#### **F. 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.

#### **G. 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

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%).

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.

#### **H. Fees**

The only fee is an origination fee of 2.0 percent on the loan portion that is assessed at closing. All fees must be financed through the DWSRF loan. Fees are not deposited into the DWSRF.

#### **I. EPA Program Evaluation Report and Audit**

EPA has conducted an annual program review of the DWSRF program for SFY 2022 and is drafting the final report.

The Texas State Auditor's Office published the results of the federal portion 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.

## **X. Navigating the Lists**

Appendices G – I 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 total population, a detailed description of the proposed project, all project phases requested by the entity, and total project cost. A grand total for all of the projects is listed on the last page of the appendix.
- **Appendix H** – Projects that were deemed ineligible to receive DWSRF funding with a brief description as to why they were deemed ineligible.
- **Appendix I** – The ranked list is the PPL sorted in rank order. The content is the same as the alphabetical list in Appendix G.

## **Appendix A. Public Review and Comment**

### **Public Participation in the Development of the Intended Use Plan**

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

#### **A. Notice**

To seek public comment, the draft IUP including the Project Priority List was made available until July 17, 2023. The draft FFY 2022/SFY 2023 DWSRF Lead Service Line Replacement IUP was announced as follows:

- Public notification of the draft IUP and the public comment period was posted on the TWDB website at [www.twdb.texas.gov](http://www.twdb.texas.gov).
- A copy of the draft IUP was sent to EPA after published.

#### **B. Comment**

Comments were accepted via the following three options from June 29, until midnight on July 17, 2023.

1. Attending a public hearing on July 17, 2023, at 9:30 A.M. at the Stephen F. Austin State Office Building, Room 170, in Austin, Texas.
2. Emailing comments to the following electronic mail address and specifying in the subject line "*DWSRF LSLR comments*".

[DWSRF@twdb.texas.gov](mailto:DWSRF@twdb.texas.gov).

3. Mailing comments to the following postal mail address:

Mr. Mark Wyatt  
Director, Program Administration and Reporting  
Texas Water Development Board  
P.O. Box 13231  
Austin, TX 78711-3231

#### **C. Effective Date**

The FFY 2022 DWSRF Lead Service Line Replacement IUP is considered final on the effective date.

#### **D. Documentation**

The final entire IUP, including project lists, was formally submitted to the EPA and posted on the TWDB website.

**Appendix B. Projected Sources and Uses of Funds**  
(As of March 1, 2023)

**SOURCES:**

FFY 2022 Federal Capitalization Grant	\$222,155,000
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<b>TOTAL SOURCES:</b>	<b>\$222,155,000</b>
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**USES:**

Set-Asides from FFY 2022 Grant

TWDB Administrative Set-Aside	\$8,699,050
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Total TWDB Set-Aside:	\$8,699,050
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TCEQ Small Systems Technical Assistance Program Set-Aside	\$0
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TCEQ Texas State Management Program Set-Aside	\$0
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TCEQ Local Assistance and Other State Programs Set-Aside	\$0
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Total TCEQ Set-Asides	\$0
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Projects to be Funded:

SFY 2023 IUP Commitments – Additional Subsidization	\$108,855,950
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SFY 2023 IUP Commitments – Bonds/Loans	\$104,600,000
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Total Projects To Be Funded - SFY 2023:	\$213,455,950
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<b>TOTAL USES:</b>	<b>\$222,155,000</b>
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<b>NET SOURCES (USES):</b>	<b>\$0</b>
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Fees are not deposited into the Fund; therefore, based on EPA guidance they are not included in the Sources and Uses for the Fund.

## **Appendix C. Rating Criteria**

### **Identified Lead Service Lines**

If the entity has identified lead service lines as part of the water system – 25 points

### **Annual Median Household Income (AMHI) level:**

State AMHI divided by the Project Area's AMHI as a ratio X 10 equals the points (to nearest hundredths)

Examples of otherwise identical applicants:

Project area has a lower income -  $\$67,321 / \$45,000 = 1.496 \times 10 = 14.96$  (more points / ranks higher)

Project area has a higher income -  $\$67,321 / \$85,000 = 0.792 \times 10 = 7.92$  (fewer points / ranks lower)

### **System size**

Applicant entity serves under 1,000 connections – 10 points

Applicant entity serves between 1,000 and 10,000 connections – 5 points

Applicant entity serves over 10,000 connections but fewer than 50,000 connections – 2 points

### **Tie Breaker**

Rating factors will be ranked in descending order with priority given to the entity serving the fewest connections first.

## **Appendix D. Criteria to Determine Disadvantaged Community Eligibility**

An entity is considered an eligible disadvantaged community if it:

- 1) may have lead service lines within the distribution system, and
- 2) 51 percent or more of the proposed project beneficiary area based on household connections has an Annual Median Household Income (AMHI) level that does not exceed 150 percent of the state's AMHI level. The state AMHI from the U.S. Census 2017-2021 American Community Survey (ACS) 5-year estimate is \$67,321; therefore the AMHI of the proposed project beneficiary area must not exceed \$100,982

City/Place, Census Tract and Block Group geographical U.S. Census geographical areas or an eligible income survey may be used for the AMHI calculation.

### **First method, easiest method to employ:**

To lessen the burden on applicants who can meet the requirement without considering the 51% level, the TWDB will make the presumption that the average (mean) of the AMHI of all U.S. Census Bureau Cities/Places, Block Groups and/or Census Tracts containing any portion of the project service area is the AMHI for the project. Applicants must provide a list of all of the Cities/Places, Block Groups and/or Census Tracts containing any portion of the project service area, the AMHI for each City/Place, Block Group and/or Census Tract, and a detailed map of the proposed service area to be considered for using the presumptive approach in establishing the project's AMHI. TWDB will use the project area map to verify the associated Cities/Places, Block Groups and/or Census Tracts submitted. The Executive Administrator will then determine whether this option is a reasonable estimate of the AMHI for the project service area and may be used for the AMHI threshold calculation.

### **Second method, if first method does not meet the 150 percent threshold:**

Any applicant that does not meet the 150 percent threshold by using the average (mean) of the U.S. Census Bureau Block Groups and/or Census Tracts containing any portion of the project service area may submit the actual number of household connections in each Block Group and/Census Tract and calculate the weighted average AMHI for the project service area.

### **Third method, if necessary to meet the 150 percent threshold:**

Finally, if the AMHI of the applicant's project service area does not fall within 150 percent of the state AMHI threshold without consideration of the 51 percent calculation, the applicant would need to provide the number of household connections in each U.S. Census Bureau's geographical area that is used in the calculation.

**Alternatively**, as with general program activities, the entity may conduct an income survey for determining the applicable AMHI. Any survey being used for income determination must be completed within five years of prior to the date the TWDB receives the PIF.



## Acceptable Source of Socioeconomic Data for FFY 2022

For this IUP, the TWDB will utilize:

(1) U.S. Census 2017-2021 ACS 5-year estimates. An Excel spreadsheet containing this data is located here:

<https://www.twdb.texas.gov/financial/instructions/doc/ACS-data-for-SFY2024.xlsx>

Entities may also access their U.S. Census 2017-2021 ACS 5-year estimate data directly from the U.S. Census webpage. Census Data Search guidance (WRD-284) is available on the TWDB website at: <http://www.twdb.texas.gov/financial/instructions/doc/WRD-284.docx>

OR

(2) Data from a socioeconomic 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 prior to 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 ACS data.**

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. 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.

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 eligible.

## **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.

TWDB guidance is available at

<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1106.docx>.

#### **3. Build America, Buy America Act, 2021 (BABA)**

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**

The NEPA-like environmental review requirements are specified in Texas Administrative Code, Title 31, Part 10, Chapter 371 and apply to these 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.

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

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

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. 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.

## **9. 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 regular/base program FFY 2022 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.

## **10. Signage**

DWSRF projects must comply with the EPA signage requirements that pertain to the lead service line replacement funding.

## **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. Readiness to Proceed**

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

### **4. 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.

### **5. 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.

### **6. Reserve for Construction-ready Projects**

A project may be bypassed to fulfill the reserve for funding projects in situations where the entity has identified specific lead service lines to be replaced or is currently underway with replacing lead service lines. An entity must provide TWDB any information needed to make a determination on eligibility for this reserve.

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
226	14.73	Abernathy	TX0950001	2,865	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$1,872,100.00
91	39.35	Abilene	TX2210001	123,886	This project consists of replacing service lines that contain lead in the City's service area.	PDC	\$12,998,141.00
80	40.91	Albany	TX2090001	1,983	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$262,000.00
63	42.34	Alice	TX1250001	17,891	Phase I, to purchase a trailer-mounted hydro-excavator and truck to transport the hydro-excavator; funds to reimburse pay for City Staff doing the inventory; funds to pay for clerk who will input into TCEQ/EPA excel spreadsheet, the inventory data; funds to hire a consulting firm to locate service lines with GIS map coordinates, to investigate and to determine material of service lines, and to categorize such lines to determine non-lead or lead for replacement. These activities and investigations will enable the City to have a more accurate figure to be determined for sampling requirements under the rule, excavation, and for the replacement cost of known lead service lines immediately upon their discovery.	P	\$755,320.00
65	42.17	Alpine	TX0220001	6,000	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$6,011,144.00
14	48.69	Alto	TX0370001	1,523	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$855,000.00
245	13.26	Alvin	TX0200001	26,780	Phase 2 - Sampling Plan, LSLR Plan, and Public Communications, Phase 3 - Further Material Inspections . Phase 4 - Lead Service Line Replacement and Mitigation.	PC	\$3,136,616.00
40	44.61	Ames-Minglewood WSC	TX1460005	1,704	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$856,200.00
23	47.16	Amherst	TX1400006	791	Inventory and Replace Lead Service Lines.	PDC	\$1,025,000.00
141	21.9	Anahuac	TX0360001	2,376	This project would be split into two phases – 1) Inspection/Inventory of lines and 2) Replacement of lead or copper lines if needed	P	\$112,470.00
235	13.84	Andrews	TX0020001	14,109	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$7,334,030.00
146	21.56	Archer City	TX0050001	1,830	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,634,554.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
254	10.28	Arlington	TX2200001	383,950	The first steps of this program involve data collection and processing, which include assigning pipe installation dates based on multiple historical records, gathering documentation on City ordinances and plumbing codes, custom application configuration for collecting meter GPS coordinates and performing field inspections and developing a web mapping tool for reporting material types to residents as required by the LCR. Should any water service lines be found to require replacement, the City will promptly prepare engineering plans and specifications, obtain the necessary agreements, and bid the project for construction.	PC	\$6,438,000.00
83	40.5	Aspermont	TX2170001	1,015	Inventory and Replace Lead Service Lines.	PDC	\$3,300,000.00
74	41.54	Athens	TX1070005	20,334	Inventory and identify all known lead service lines and replace/upgrade these lines.	PDC	\$2,310,000.00
68	41.98	Atlanta	TX0340001	5,495	Inventory and replace lead service lines.	PADC	\$1,629,498.79
257	7	Austin	TX2270001	1,044,405	This project will replace galvanized services found in Austin Water's system on both the public and private side of the meter.	C	\$6,000,000.00
173	19.36	Axtell WSC	TX1550016	1,725	Locate and correct lead service lines in the Axtell W.S.C.		\$100,000.00
135	22.46	Baird	TX0300001	1,500	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$4,275,000.00
58	42.87	Ballinger	TX2000001	3,862	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$340,000.00
214	15.91	Bandera	TX0100012	3,066	Identify, Inventory, Planning and Design for all lead service line replacements and site restoration.	PDC	\$383,920.00
128	23.14	Bangs	TX0250001	2,787	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,026,007.00
175	19.32	Baylor County SUD	TX0120004	2,658	SUD is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$5,900,000.00
234	13.93	Baytown	TX1010003	83,701	Evaluating lead concentrations following the new 5th liter sampling protocols, completing the development of the lead service line inventory, and developing plans for public education and outreach, and lead service line (LSL) replacement.	PDC	\$23,972,800.00
170	19.5	Bayview MUD	TX0840010	1,839	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$1,002,740.00
232	14.16	Beaumont	TX1230001	118,129	Complete Service Line Inventory and replace any lead service line or galvanized requiring replacement.	PDC	\$5,274,000.00
109	35.81	Bedford	TX2200003	49,526	Inventory and replace all services connected to galvanized iron water mains along with replacing the galvanized iron water mains and any lead services identified during the service line inventory.	PDC	\$20,009,418.00



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
155	20.85	Beeville	TX0130001	12,793	Beeville seeks funding to complete lead service line inventories, accomplish the required planning for the lead line replacement program, perform the design and replacement of lead service lines, and cover the land acquisition costs associated with any required easements or construction.	PC	\$2,216,814.00
223	15	Bellville	TX0080001	6,222	The City of Bellville is planning to use these funds for reimbursement of preparation of the application, preparation of a GIS layer for water services, a lead and copper service line initial inventory, and lead and copper service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they may exist within their system and will require replacement.	PDC	\$6,966,700.00
9	50.45	Benjamin	TX1380011	258	This project included identifying and replacing lead service lines.	PDC	\$960,311.00
240	13.4	Bertram	TX0270012	3,330	The proposed project includes the identification, inventory, and mapping of Bertram's existing water system service linework. The project would also include design and construction services to replace any identified lead service lines.	PDC	\$521,010.00
97	38.42	Big Spring	TX1140001	27,282	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$16,106,339.00
143	21.77	Birome WSC	TX1090017	1,728	Identify and/or replace lead Service lines.	P	\$100,000.00
227	14.5	Blanco	TX0160002	3,192	Inventory, Identify and Replace Lead Service Lines.	PDC	\$459,980.00
231	14.2	Blue Ridge West MUD	TX0790051	7,428	The District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$133,000.00
239	13.45	Boerne	TX1300001	22,287	Project is to complete a service line inventory and replace identified lead service lines in accordance with the Lead and Copper Rule Revisions. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	PDC	\$2,100,000.00
163	20.39	Bonham	TX0740001	10,386	Inventory existing water service line. Replacement of lead service line.	PADC	\$16,898,000.00
16	48.03	Brady	TX1540001	5,371	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	PDC	\$5,282,000.00
196	17.31	Brazoria	TX0200003	4,395	Prepare a GIS database of existing water services, a lead service line initial inventory, and a lead service line replacement program. The project includes all planning, acquisition (although none is anticipated), design, and construction related to these activities.	PDC	\$3,250,200.00
45	44.21	Breckenridge	TX2150001	5,807	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$379,000.00
132	22.71	Bronte	TX0410001	999	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$2,525,000.00
181	18.79	Brookesmith SUD	TX0250004	11,985	SUD is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$19,600,000.00
6	51.91	Buffalo Gap	TX2210003	1,422	This project included identifying and replacing lead service lines.	PDC	\$2,257,150.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
213	15.92	Caldwell	TX0260001	4,358	The City of Caldwell is planning to use these funds for preparation of the application, updating the existing GIS database of the water services, a lead and copper service line initial inventory, and lead and copper service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they do exist within their system and will require replacement.	PDC	\$5,835,350.00
13	49.12	Carbon	TX0670015	440	This project included identifying and replacing lead service lines.	PDC	\$1,236,550.00
248	12.65	Castroville	TX1630005	3,229	The project is to identify the material of existing service lines, replace any service lines that are identified to be lead material.	PDC	\$2,796,250.00
34	45.49	Chillicothe	TX0990001	707	Inventory, Identify and Replace Lead Service Lines.	PDC	\$330,000.00
88	40.04	Cisco	TX0670001	3,786	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$305,000.00
94	39.2	Cleburne	TX1260003	30,573	The project will include completion of a lead service line inventory, supplemental lead sampling, planning and design for infrastructure, design and construction cost for removal/replacement of goosenecks/pigtails/connectors/service lines and acquisition of temporary water filter systems for affected households.	PDC	\$48,492,400.00
200	17.01	Clyde	TX0300002	3,811	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$8,000,000.00
77	41.27	Coahoma	TX1140002	3,552	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$272,000.00
53	43.31	Coleman	TX0420001	4,136	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$5,994,910.00
120	25.32	Colorado Co WCID # 2	TX0450014	979	Inventory and replace all lead or galvanized pipes for our customers.	C	\$95,500.00
197	17.3	Columbus	TX0450001	3,739	The project is to identify and replace existing lead service lines within the City of Columbus. There are a total of 1,523 residential service lines in the City of Columbus. Based on CAD records the number of homes built prior to 1988 is 1,377.	PDC	\$2,883,012.00
131	22.8	Comanche County WSC	TX0470027	329	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$2,625,000.00
176	19.22	Commodore Cove ID	TX0200033	356	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$339,610.00
252	11.22	Corpus Christi	TX1780003	325,733	Assessment of service lines in the City's service area, development of an inventory to satisfy EPA and TCEQ requirements, and replacement of lead service lines as identified in the assessment.	PDC	\$1,537,500.00
69	41.92	Corsicana	TX1750002	24,190	Inspect all meters and connections in distribution system where lead services could exist.	PDC	\$98,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
225	14.9	Coryell City WSD	TX0500013	5,628	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$19,010,005.00
138	22.17	Crockett	TX1130001	7,755	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$5,227,959.00
237	13.59	Cross Country WSC	TX1550059	3,789	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$12,122,415.00
135	22.46	Cross Plains	TX0300003	982	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$2,550,000.00
165	20.19	Crystal City	TX2540001	7,128	Inventory, identify and replace lead service lines.	PDC	\$11,383,200.00
241	13.36	Crystal Clear SUD	TX0940015	15,924	Identify, Inventory and Replace Lead Service Lines	PDC	\$3,873,350.00
84	40.47	D & M WSC	TX1740010	6,570	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$1,545,000.00
41	44.44	Daingerfield	TX1720001	4,047	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$1,950,000.00
139	22.11	Daisetta	TX1460004	1,141	The City will procure an engineering firm to assist the City in building and managing a location-based inventory as required by the EPA/TCEQ. The engineering firm will work with the City to identify the service line material, and will help the staff ensure that the City will be in compliance in 2024 and beyond.	P	\$59,800.00
107	36.56	Dallas	TX0570004	1,321,740	Requested funding will be utilized to develop lead services line inventory by reviewing, cataloging, and digitizing existing paper documents and by conducting field investigations where no viable documentation is available. Once the inventory is completed, design and construction projects will be awarded to remove all lead service lines and galvanized lines requiring replacement from Dallas Water Utilities system.	PDC	\$32,000,000.00
182	18.68	Dalworthington Gardens	TX2200047	2,330	Project would include resources to inventory lines in the eligible area, and include any acquisitions, agreements, and line replacement.	PDC	\$100,000.00
180	18.84	Danbury	TX0200011	1,745	Identification and Removal of Lead Service Lines	PDC	\$454,000.00
82	40.67	Del Rio	TX2330001	36,506	Replace lead service lines from meter to first tap on all connections that have been identified.	PC	\$2,018,750.00
194	17.36	DeLeon	TX0470002	2,171	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,949,232.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
89	39.75	Denison	TX0910003	22,682	The first phase will be to perform the EPA and TCEQ mandated lead service inventory and submit said inventory to TCEQ we in advance of the October 2024 deadline. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, acquisition and construction services to replace identified lead (galvanized downstream of lead) services. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$114,198,902.00
93	39.24	Denver City	TX2510001	5,000	Inventory, Design and Replace lead service lines.	PDC	\$2,943,700.00
12	50.11	Devine	TX1630006	4,318	Inventory, Identify and replace lead service line connections.	PDC	\$11,675,250.00
85	40.42	Dog Ridge WSC	TX0140044	4,713	To develop the inventory, a review of historical records to determine service line construction materials will be conducted. Should previously mentioned methods not identify the required information, visual observation, water quality sampling (non-compliance), excavation, vacuum or hydro-excavation, statistical analysis, or other emerging technologies will be used to confirm service line construction material. Once all required inventory information is obtained, the TCEQ required detailed inventory document will be created for submission by Dog Ridge Water Supply Corporation. From the inventory information, a plan for replacement of lines will be determined and costs for replacement will be developed. Dog Ridge Water Supply Corporation plans to apply for funding to accomplish the replacement of lead lines in future TWDB applications. Additionally, as part of this application, Dog Ridge Water Supply Corporation will be creating a GIS of the system to manage the data collected through the inventory process as well as update system information as updating of lines is completed.	P	\$337,800.00
101	38.1	Duncanville	TX0570007	39,500	This project will be approached in two phases. The first phase will be to perform the lead service inventory and submit said inventory to TCEQ. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$21,181,293.44
206	16.76	Early	TX0250015	3,087	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$7,275,000.00
238	13.48	East Central SUD	TX0150138	16,038	The proposed project includes the identification, inventory, and mapping of ECSUD's existing water system service line network. To complete the identification and inventory of the ECSUD's service lines, this project includes the purchase of equipment, ECSUD staff time, and use of subcontractor(s). No design or construction services are anticipated to be required.	P	\$716,100.00
38	45.24	East Texas MUD of Smith County	TX2120005	3,879	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,311,800.00
79	40.98	Eastland	TX0670002	3,900	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$308,000.00
8	51.68	Eden	TX0480001	1,899	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$230,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
203	16.83	El Campo	TX2410002	12,290	The City of El Campo is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead and copper service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time but knows that they do exist within their system and will require replacement.	PDC	\$9,746,400.00
61	42.45	Electra	TX2430002	2,715	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,813,034.00
216	15.79	Elm Creek WSC	TX1550026	4,620	Inventory of all service lines.	PDC	\$5,970,162.00
95	38.64	Ennis	TX0700001	21,203	This project will identify, map, and inventory service connections within the City of Ennis including evaluation of piping material. The inventory will identify lead service lines which will then be replaced with TCEQ compliant service line from the main to the structure.	PDC	\$3,050,000.00
174	19.33	Era WSC	TX0490014	447	Inventory and then replace the community's lead service lines.	PDC	\$981,800.00
145	21.74	Ericksdahl WSC	TX1270005	275	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$853,328.00
105	36.63	Euless	TX2200031	56,160	Service line inventory for all service lines constructed prior to the Texas lead ban effective date of July 1, 1988, along with inventory of all unknown service lines throughout the City of Euless. Replace all services connected to galvanized iron water mains and any lead services identified.	PDC	\$20,191,714.00
148	21.5	Evant	TX0500015	426	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,010,229.00
220	15.2	Fort Bend Co MUD # 131	TX0790450	1,974	The District will complete the required Lead Service Line Inventory for the entire District water facilities.	D	\$47,500.00
189	17.84	Fort Griffin SUD	TX2090005	2,800	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,918,462.00
104	37.2	Fort Worth	TX2200012	853,762	As part of this project, the Fort Worth Water Utility intends to replace water service lines that are lead, including galvanized services downstream of lead based on EPA's expanded definition of a lead service line. This project will involve the replacement of approximately 1,200 known customer-owned lead service lines and known galvanized service lines requiring replacement. All of the homes requiring lead service line replacement are located in disadvantaged communities. The DWSRF will be allocated to fund the inspection, design, and replacement of all lead service lines as defined by EPA and eliminate disparities across our water system.	C	\$13,270,000.00
64	42.29	Fredericksburg	TX0860001	14,500	Complete a service line inventory and replace identified lead service lines in accordance with the Lead and Copper Rule Revisions. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	PDC	\$1,300,000.00
168	19.61	Freeport	TX0200005	12,098	Phase 2 -Sampling Plan, LSLR Plan, and Public Communications. Phase 3 -Further Material Inspections.Phase 4 -Lead Service Line Replacement and Mitigation.	PC	\$2,222,224.00
242	13.34	G & W WSC	TX0930048	1,962	The proposed project consists on identifying and replacing lead services lines within the service area of G&W Water Supply Corporation in Waller and Grimes Counties.	PDC	\$500,000.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
102	37.73	Galveston	TX0840003	50,180	Phase 1 — LCRR Effort Assessment and Initial Inventory. Phase 2— Service Line Inventory Development& Continued Material Verification. Phase 3— Sampling Plan, LSLR Plan, and Public Communications. Phase 4— Lead Service Line Replacement and Mitigation.	PC	\$24,287,610.00
244	13.28	Galveston Co WCID # 1	TX0840001	32,214	Identify and replace lead infused galvanized service line piping (both public and private side)	DC	\$3,635,000.00
112	35.31	Garland	TX0570010	239,730	Part of this plan is creating a service line inventory. Based on City records, there are no lead service lines in use on our side of meters. Garland Water Utilities is seeking funding assistance to visually inspect the remaining unknown customer service lines to complete the service line inventory. We are not seeking funding assistance in the development of the LCRR compliance plan being developed by FNI. With roughly 60,000 unknowns remaining, we are requesting \$6,000,000 to complete the customer service line inventory.	C	\$8,168,606.86
200	17.01	Giddings	TX1440001	7,428	The City of Giddings is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time.	PDC	\$6,907,200.00
36	45.39	Gladewater	TX0920001	6,441	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,300,000.00
19	47.47	Glidden FWSD # 1	TX0450021	860	Conduct a thorough search on Colorado CAD website by customer name and/or street address as a large number of the customers live in or on rental property or in a RV/Trailer Park; research existing "as built" plans for the system or CSI documentation; contact customers or property owners to get their knowledge of materials used from the meter to the house tap; and if needed, excavate around the water meters to verify materials used on both side of the meter. Once all this information is obtained, will make plans to proceed with replacing any lead service lines identified.	PC	\$343,750.00
129	22.97	Goldthwaite	TX1670001	1,738	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,774,693.00
126	23.68	Goliad	TX0880001	1,976	Identify, Inventory and Replace Lead Service Lines.	PDC	\$476,160.00
116	27.92	Gorman	TX0670003	1,051	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$2,440,000.00
158	20.82	Graford	TX1820003	631	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,447,599.00
44	44.23	Graham	TX2520001	8,903	This project included identifying and replacing lead service lines.	PDC	\$8,699,876.00
26	46.52	Grand Saline	TX2340003	3,215	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,912,400.00
159	20.74	Green Creek WSC	TX0720028	552	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$776,219.00
255	9.81	Green Valley SUD	TX0940020	39,258	The proposed project includes the identification, inventory, and mapping of GVSUD's existing water system service linework. The project would also include purchasing applicable and effective equipment, as well as design and construction services to replace any identified lead service lines.	PDC	\$5,740,800.00

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



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
20	47.4	Hamilton	TX0970001	2,871	Use the survey data to identify areas of the city that have lead lines that are in need of replacing. We will also do physical inspections as necessary.	PDC	\$7,360,411.00
62	42.37	Harlingen Water Works System	TX0310002	85,900	Survey and inventory of service lines that may have experienced lead exposure. Replace water service lines that have been identified as having any lead.	PC	\$2,185,000.00
163	20.39	Harris Co FWSD # 1A	TX1010082	2,560	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$3,901,800.00
207	16.48	Harris Co MUD # 50	TX1010719	4,743	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$6,737,700.00
247	12.82	Harris Co MUD # 149	TX1011296	3,675	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$65,000.00
229	14.23	Harris Co MUD # 257	TX1012985	3,492	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$72,500.00
152	21.14	Harris Co WCID # 36	TX1010239	11,073	Review existing inventory of potential service leads. Develop LSLR Plan; Public communication of inventory & incentivizing public for engagement in the program; Prepare for finding & fixing assessments; Physical replacement of any lead service lines & oversight of work	PC	\$2,970,000.00
22	47.27	Hawkins	TX2500001	1,278	The proposed project includes planning, design, and construction of complete removal and replacement of 38,750 LF of ¾" lead and galvanized steel service lines and appurtenances that meets the requirements established under 40 CFR 143. The goal of this project is to improve the drinking water the City of Hawkins provides to its customers. Additional work consists of removal and replacement of lead or galvanized goosenecks, pigtails, connectors, curb stops, boxes, and replacement with an acceptable material that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes. Site restoration, including landscaping, sidewalk repair, driveway repair, etc. shall be required where specified in the plans.	PDC	\$2,512,105.00
188	17.88	Hempstead	TX2370001	6,687	The project will include all planning, acquisition (none anticipated), design, and construction related to lead and copper service line initial inventory, and lead and copper service line replacement program.	PDC	\$6,846,950.00
140	21.97	Highland Park WSC	TX0180071	308	Extensive historical data research, physical location and identification of pipes including extrication as needed.	P	\$18,870.00
192	17.56	Hondo	TX1630002	10,542	Inventory lead service lines in system. This will consist of household surveys, records research, and field verification. Replace all lead service lines, or other service lines requiring replacement under TCEQ / EPA protocols.	PDC	\$4,681,000.00
123	25.12	Honey Grove	TX0740003	1,668	Perform inventory assessment. Design required for replacement of lead service lines including acquisition. and Construction of proposed improvements.	PADC	\$3,664,980.00
251	12.02	Houston	TX1010013	2,202,531	The proposed project will survey an estimated 494,856 household service line connections throughout the City of Houston to identify and replace lead service lines within the entire service area.	PC	\$30,000,000.00
205	16.77	Hull FWSD	TX1460012	849	The District will procure an engineering firm to assist the City in building and managing a location-based inventory as required by the EPA/TCEQ. The engineering firm will work with the District to identify the service line material, and will help the staff ensure that the City will be in compliance in 2024 and beyond.	P	\$45,710.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
221	15.17	Humble	TX1010014	15,616	Inventory, identify and replace all lead service lines.	PDC	\$13,722,500.00
54	43.23	Huntington	TX0030002	2,121	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$1,028,000.00
250	12.04	Hurst	TX2200054	38,510	The City developed a phased approach. Phases 1 and 2 are in progress; The City is seeking funding for future Phases 3 through 5. Phase 3 – Field Verification of Service Line Material Predictive modeling will be developed and used to identify priority areas for field inspections. This phase will include field work through a contractor, program management and data management. Phase 4 – Sample Plan Update, Preliminary Sampling, Monitoring and LSLR Plan In this phase, the sampling plan will be updated per the new compliance requirements, and sampling to observe lead concentrations will be conducted before the compliance deadline. Based on the results of this effort, the City may proactively implement a lead service line replacement program. A LSLR Plan will be developed as required for compliance with the LCRR outlining the goals, customer coordination, funding, and other considerations for future line replacement activity. Phase 5 – Lead Service Line Replacement. This phase covers construction costs and program oversight required to replace lead service lines, lead fittings and lead connectors identified in the system during Phases 2 and 3. It includes activities required to support the replacements, such as design, legal measures and public communication, and additional water sampling required to monitor the effectiveness of the line replacements.	PC	\$4,164,629.00
17	47.99	Idalou	TX1520001	2,250	Inventory and Replace Lead Service Lines.	PDC	\$1,650,000.00
46	44.16	Jacksonville	TX0370002	14,544	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$5,375,400.00
31	45.57	Jefferson	TX1580001	1,883	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,025,000.00
253	10.65	Johnson County SUD	TX1260018	50,054	This project will involve the use of all available data to inventory and locate lead or potentially lead service lines. Lead service lines will be replaced and the potential lead service lines will be verified and replaced if composed of lead.	PC	\$1,500,000.00
50	43.41	Junction	TX1340001	2,500	The City of Junction is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$640,260.00
213	15.92	Keller	TX2200096	45,400	Identify, Inventory and Replace Lead Service Lines.	PC	\$8,047,464.70
144	21.76	King Creek WSC	TX0180031	160	King Creek WSC is requesting funding to perform and document a visual service line survey to set a baseline documented inventory to base future LCRR corrective actions and reporting requirements.	PAC	\$86,730.00
113	33.75	League City	TX0840007	128,412	Project activities include but are not limited to the identification, planning, design, and replacement of lead/applicable galvanized service lines i.e., removal and replacement of applicable lead/galvanized; site restoration related to service line replacement; applicable permit fees; point-of-use devices; development and updating lead service line inventories including locating and mapping; varies methods of investigations, planning and design for aforementioned projects and non-routine sampling.	PDC	\$8,979,000.00
195	17.35	Leon Valley	TX0150178	7,794	Identify and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$427,240.00
149	21.41	Leroy-Tours-Gerald WSC	TX1550027	1,680	Identify and/or replace lead Service lines.	PDC	\$300,000.00

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



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
18	47.85	Lexington	TX1440002	2,376	Conduct field work and prepare Service Line Inventory for TCEQ by October 16, 2024. Replace public water system and private service lines between water main line and customer's house connection.	PADC	\$2,339,500.00
130	22.95	Lincoln WSC	TX1440006	750	Assess each meter to determine type of materials and supplies required to maintenance from water main to existing house. After recognizing required materials, purchase, and replace necessary equipment. Utilize contract labor if needed.	PAC	\$98,850.00
167	19.9	Lone Oak	TX1160006	601	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,439,912.00
24	47.13	Lorraine	TX1680002	602	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$136,000.00
2	55.4	Lorenzo	TX0540002	1,182	Inventory and Replace Lead Service Lines.	PDC	\$1,460,000.00
185	18.62	Lower Valley WD	TX0710154	59,049	Inventory, identify and coordinate with the different local government's planning department for getting the permits and the residents who may have lead service lines on their properties so that they can have those lines replaced. Identify and replace any lead pipes in the distribution system.	PDC	\$905,000.00
106	36.59	Lubbock	TX1520002	266,263	Project is to replace identified lead service lines from the Lead and Copper Rules Revision inventory. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	C	\$23,700,000.00
136	22.39	Lueders	TX1270007	346	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$614,378.00
249	12.16	Manor	TX2270002	11,886	Develop lead service line inventory by performing a historical records review of the documents identified by staff. This should include a review of building and plumbing codes, water main construction and inspection details, development plans, and Travis Central Appraisal District data for construction dates.	PADC	\$80,000.00
5	52.14	Marlin	TX0730002	5,967	The City's initial Project is to conduct a complete Inventory of each of the household connections, documenting and classifying the entire service line inventory. Inventory Methodology will include Previous Materials Evaluation/ Construction Records and Plumbing Codes/ Water System Records/ Distribution System Inspections and Records; and will also utilize identifications during normal Operations - Meter Reading, Repair, Replacement; Service Line Repair, Replacement. Investigation Methods will include as may be required - visual at meter pit/ CCTV I water quality sampling/ mechanical excavation.	P	\$195,000.00
121	25.27	Marlow WSC	TX1660014	576	Conduct Lead and Copper testing, design and replace all water service connections that are currently contaminated.	DC	\$451,800.00
71	41.68	Marshall	TX1020002	23,091	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system. Design, bidding, inspection, and construction administration for replacement of an estimated 850 lead service lines to be confirmed in the lead service line inventory phase.	PDC	\$7,450,615.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
15	48.49	Mart	TX1550005	2,200	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, to identify whether lead service lines are present or not for both the City of Mart and the customers. From the inventory information, a plan for replacement of lines will be determined and costs for replacement will be developed. The City of Mart plans to apply for funding to accomplish the replacement of lead lines in future TWDB applications. Additionally, as part of this application, the City of Mart will be creating a GIS of the system to manage the data collected through the inventory process as well as update system information as updating of lines is completed.	P	\$212,000.00
86	40.15	Mason	TX1600001	2,114	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$300,000.00
26	46.52	Meadow	TX2230002	593	Inventory and Replace Lead Service Lines.	PDC	\$800,000.00
161	20.44	Medina WSC	TX0100013	807	Medina WSC is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$102,660.00
118	26.12	Melvin	TX1540003	300	Project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$480,536.00
151	21.21	Meridian	TX0180002	1,493	The City of Meridian is requesting funds to assist in completion of the required inventory summary and replace any identified lead service lines.	PDC	\$6,000,000.00
201	16.98	Merkel	TX2210002	3,609	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$4,497,952.00
11	50.12	Mertzon	TX1180002	700	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$119,000.00
169	19.59	Mexia	TX1470004	7,459	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$9,623,658.00
204	16.79	Millsap WSC	TX1840007	1,080	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,988,496.00
28	45.97	Mineola	TX2500002	4,515	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,008,700.00
224	14.98	Moffat WSC	TX0140028	4,182	The WSC has identified those homes to survey and verify service line material going to each home for possible replacement.	PDC	\$200,000.00
92	39.26	Monahans	TX2380001	6,953	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$409,000.00
210	16.25	Montgomery Co MUD # 7	TX1700169	12,291	Inventory, Identify and Replace Lead Service Lines.	PC	\$1,782,938.00
236	13.64	Montgomery Co MUD # 36	TX1700139	4,422	Inventory, identify and replace lead service lines as required by the updated regulations in the Lead and Copper Rule Revisions.	PC	\$1,702,807.00
1	56.83	Moran	TX2090002	270	This project included identifying and replacing lead service lines.	PDC	\$767,050.00
3	54.04	Morton	TX0400001	1,690	Inventory and Replace Lead Service Lines.	PDC	\$2,530,000.00
125	23.87	Morton Valley WSC	TX0670018	717	WSC is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$1,400,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
187	18.13	Mount Pleasant	TX2250001	16,113	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system.	P	\$166,407.00
44	44.23	Mount Vernon	TX0800001	2,662	Planning services for water service line inventory of all service lines and replacement of lead service lines.	PDC	\$5,017,550.00
21	47.33	Munday	TX1380003	1,300	This project included identifying and replacing lead service lines.	PDC	\$2,663,975.00
217	15.47	Needville	TX0790001	4,560	Identify, inventory, and replace lead service lines connected to the City of Needville Water System.	PDC	\$1,980,000.00
110	35.76	New Braunfels	TX0460001	70,759	NBU seeks funding to complete lead service line inventories, accomplish the required planning for the lead line replacement program, perform the design and replacement of lead service lines, cover the land acquisition costs associated with any required easements or construction	PADC	\$20,011,000.00
185	18.62	New Home	TX1530004	326	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$295,495.00
177	19.11	New Ulm WSC	TX0080014	492	Create Inventory of all existing service lines. Replace all lead service lines and lead pigtails/goosenecks, and all galvanized service lines identified as requiring replacement.	PC	\$257,976.00
215	15.9	North Hunt SUD	TX1160039	4,509	GPS Data Collection / GIS mapping. This is needed to start identifying any lead services lines.		\$23,022.62
256	9.23	North Richland Hills	TX2200063	71,600	The City will be required to inventory and survey an estimated 23,000 water service lines including the City's and customer's service lines that are 2 inch and smaller. Additionally, there will be professional services required to assist with GIS and Public Notification portions of the project.	PDC	\$3,045,000.00
222	15.07	Nueces Co WCID # 3	TX1780005	13,200	Identify and Replace Lead Service Lines.	PDC	\$16,913,607.00
186	18.29	NW Harris Co MUD # 24	TX1012071	1,200	Identify, Inventory and Replace lead service lines.	PADC	\$1,591,780.00
198	17.28	Oak Ridge North	TX1700025	3,600	Inventory and Replace Lead Service Lines.	DC	\$97,500.00
37	45.27	O'Donnell	TX1530001	714	The City is requesting financial assistance from TWDB to determine the exact number and location as well as replacement of the lead and galvanized service lines within the distribution system.	P	\$113,000.00
218	15.23	Orange Co WCID # 1	TX1810005	14,769	Inventory as required by the EPA/TCEQ. The staff at 120 Water Inventory Solutions with work with District staff through submission to TCEQ and will help staff ensure that the District will be in compliance in 2024 and beyond.	PDC	\$213,864.00
7	51.81	Paducah	TX0510001	1,186	Inventory and Replace Lead Service Lines.	PDC	\$1,940,000.00
178	19.07	Palo Pinto WSC	TX1820004	573	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,462,975.00
246	12.86	Parkway UD	TX1010750	7,278	Inventory, Identify and Replace Lead Service Lines.	DC	\$92,500.00
179	19.04	Pattison WSC	TX2370005	1,461	Identify and/or replace lead Service lines.	PADC	\$100,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
35	45.41	Pearsall	TX0820002	9,346	Complete inventory of all service lines in the City of Pearsall to determine which lines include lead in accordance with EPA/TCEQ requirements. Overall plan for remaining steps for compliance with new rules.	PDC	\$914,000.00
154	20.88	Pine Village PUD	TX1010901	2,664	The proposed project is comprised of two phases which includes the 1) lead service line inventory and replacement plan, and 2) lead service line replacement. The inventory and replacement plan will identify and include both the public and private sides of the water service lines. Additionally, the inventory and replacement plans will identify possible changes to Lead and Copper sampling within the system, water system reporting, public education requirements, and the introduction of a new lead trigger level.	PDC	\$2,715,000.00
39	45.09	Pittsburg	TX0320001	4,754	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system. Design, bidding, inspection, and construction administration for replacement of an estimated 2171 lead service lines to be confirmed in the lead service line inventory phase.	PDC	\$15,969,407.84
47	44.09	Plainview	TX0950004	20,919	The city of Plainview is planning on replacing all water meters in the system. As part of the meter replacement, the contractor will be documenting the service line material and is expected to have documentation complete and ready for review by May 2024. The information obtained from the survey will be used to determine the size and scope for lead service line replacement. This funding will be used to replace all identified lead services when necessary.	C	\$2,000,000.00
114	31.75	Plano	TX0430007	288,800	Water Service Line Material Field Inventory project to determine the water line material on unknown portions of service lines.	P	\$8,000,000.00
191	17.68	Port Arthur	TX1230009	53,818	The city is requesting funding to conduct a lead service line inventory and costs associated with the replacement of found lead service lines.	PDC	\$51,878,565.00
42	44.28	Post	TX0850001	5,471	Inventory and Replace Lead Service Lines.	PDC	\$3,414,817.00
75	41.49	Poteet	TX0070005	4,185	City of Poteet is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$590,300.00
124	24.94	Ranger	TX0670004	2,500	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$4,700,000.00
158	20.82	Rankin Road West MUD	TX1012354	1,836	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$70,000.00
66	42.16	Redland WSC	TX0030028	3,637	The intent of this project is to inventory all lead service lines within the distribution system and replace them with new service lines.	PDC	\$1,082,000.00
48	43.99	Redwater	TX0190008	4,356	Replace Lead Service Lines that have been identified in the project area.	PDC	\$2,300,000.00
211	16.19	Reid Road MUD # 1	TX1010872	6,693	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$5,194,100.00
166	19.93	Reid Road MUD # 2	TX1011928	4,677	Identify, Inventory and Replace lead service lines.	PADC	\$4,380,000.00
192	17.52	Riesel	TX1550040	1,308	The City of Riesel is requesting funds to assist in completion of the required inventory summary.	P	\$57,500.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
119	25.54	Rising Star	TX0670005	835	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$1,950,000.00
55	43.2	River Acres WSC	TX1780013	2,700	Identify and continue upgrading aging infrastructure by replacing old lines that may be impacted by lead contamination.	PDC	\$4,323,085.00
150	21.23	Rockdale	TX1660002	5,595	Inventory and replacement of lead and galvanized water service lines.	PDC	\$23,410,568.50
4	53.37	Rocksprings	TX0690012	1,857	Conduct Lead and copper service line inventory and lead and galvanized service line replacement.	PDC	\$724,888.48
160	20.57	Rogers	TX0140004	1,471	Develop lead service line inventory by performing a historical records review of the documents identified by staff. This should include a review of building and plumbing codes, water main construction and inspection details, development plans, meter records, and Tax Appraisal District of Bell County data for construction dates.	PADC	\$300,000.00
10	50.36	Roma	TX2140007	19,123	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$654,000.00
148	21.5	RPM WSC	TX2340016	2,751	To replace line down FM 279 to create and replace line on FM 2010 and chandler interconnect.	PDC	\$250,000.00
115	29.31	Rule	TX1040003	687	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$910,689.00
98	38.38	San Angelo	TX2260001	101,004	Field verification of service line material, monitoring and lead service line replacement plan, LSL replacement.	PC	\$12,607,779.00
111	35.4	San Antonio Water System	TX0150018	1,999,472	Develop Lead service line Inventory. Planning - Inspections. Design - Lead Service Line Replacement Action plan. Construction - Replace lead or galvanized service line	PDC	\$2,824,555,765.00
171	19.44	San Saba	TX2060001	3,099	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$6,575,000.00
33	45.51	Seymour	TX0120001	2,817	This project included identifying and replacing lead service lines.	PDC	\$5,437,748.00
137	22.22	Sheridan WSC	TX0450016	390	Do a complete list of inventory on all lead and galvanized lines. Start replacement of lines.	PDC	\$554,000.00
90	39.57	Sherman	TX0910006	42,762	Field Verification of Service Line Material: Based on the initial inventory prepared during Phase 2, priority areas will be identified for field inspections. This phase will include field work through a contractor, program management and data management. The City plans to field verify 10% of their unknowns per year over the next 10 years. Monitoring and "Find and Fix" Plan: In this phase, the sampling plan will be updated per the new compliance requirements and additional non-compliance sampling to observe lead concentrations will be conducted before the compliance deadline. Lead Service Line Replacement Planning and Mitigation: A Lead Service Line Replacement Plan will be developed as required for compliance with the LCRR outlining the goals, customer coordination, funding and other considerations for lead service line replacement activities. This phase also covers construction costs and program oversight required to replace lead service lines, lead fittings and lead connectors identified in the system during Phases 2 and 3. It includes activities required to support the replacements, such as design, legal measures and public communication, and additional water sampling required to monitor the effectiveness of the line replacements.	PC	\$6,515,535.00

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



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
60	42.48	Slaton	TX1520004	6,052	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$335,000.00
172	19.37	Snook	TX0260017	680	The City of Snook will hire a third-party contractor to gather information on all service lines, City and customer, regarding type of material the lines consist of. After an inventory is made from the gathered information, the City of Snook will replace any identified lead service lines.	PDC	\$572,000.00
70	41.9	Snyder	TX2080001	10,753	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$698,000.00
158	20.82	Somerville	TX0260002	1,400	The City of Somerville is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they do exist within their system and will require replacement.	PDC	\$2,354,050.00
81	40.81	Sonora	TX2180001	2,766	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$315,000.00
57	43.14	Stamford	TX1270003	3,101	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$286,000.00
49	43.45	Stephens Regional SUD	TX2150007	4,809	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$297,000.00
52	43.32	Stephenville	TX0720002	23,110	This project included identifying and replacing lead service lines.	PDC	\$17,686,100.00
117	26.24	Strawn	TX1820005	696	Identify and Replace Lead Service Lines.	PDC	\$1,696,983.00
143	21.77	Streetman	TX0810016	375	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$1,663,866.00
202	16.86	Sun WSC	TX2210015	3,888	WSC is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$5,625,000.00
108	36.48	Sunbelt FWSD	TX1010188	693	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$1,491,300.00
127	23.28	Sunbelt FWSD	TX1010419	2,919	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$4,220,800.00
153	20.95	Sunbelt FWSD	TX1010292	8,796	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$8,113,000.00
183	18.66	Sunbelt FWSD	TX1010022	7,197	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$8,317,200.00
209	16.32	Sunbelt FWSD	TX1010117	3,225	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$4,603,800.00
233	14.02	Sunbelt FWSD	TX1010758	4,527	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$3,278,000.00
56	43.17	Sweetwater	TX1770002	11,198	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$482,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
78	41.1	Taylor	TX2460004	20,622	Planning and design of the lead service line replacement program. Replacement of lead service lines.	PDC	\$1,750,000.00
73	41.56	Terrell	TX1290006	18,897	Project consists of identifying the pipe type for both public and private service lines for approximately 6,000 accounts. Cost estimate is based on contracting work to identify the type of pipe and an estimated 500 service line replacements from the city meter to the house/business connection and 100 services from the main to the household/business.	PDC	\$4,547,000.00
208	16.43	Texarkana	TX0190004	38,682	This funding request is for the reimbursement of costs to conduct an inventory of the 13,773 domestic service lines within the Texas portion of TWU's service area. Upon completion of the service line inventory and review of the data WU will be able to fully document the number of lead service lines within the water service area in Texas. With the information provided by the service line inventory TWU will then develop a plan to replace all water service lines containing lead, contaminated by lead, or suspected of being contaminated. TWU plan is to use a non-excavating inspection process to identify connections from the water main to the water meter and from the water meter to the point beginning of the customer service line for locations that were either installed prior to July 1, 1988, or that the actual installation date could not be verified as being prior to July 1, 1988. With this information a plan will be developed to replace all portions of the service line requiring replacement to meet the lead-free requirement.	PAD	\$6,380,029.00
30	45.7	Thorndale	TX1660003	1,400	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, as required by EPA/TCEQ to identify whether lead service lines are present or not for both the City of Thorndale and the customers.	P	\$184,000.00
193	17.5	Tolar	TX1110012	881	The funds will be used to plan, design, and construct the replacement of current lead service lines throughout the City of Tolar city limits. Service lines will be inspected, with a GIS dashboard created to show the location of found lead service lines.	PDC	\$99,320.00
220	15.2	Tomball	TX1010026	12,924	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$5,936,191.00
29	45.93	Trent	TX2210009	269	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$139,000.00
87	40.06	Troy	TX0140037	2,350	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, as required by EPA/TCEQ to identify whether lead service lines are present or not for both the City of Troy and the customers. Historical records will be reviewed including but not limited to construction and plumbing codes or ordinances, County Clerk's office or County Appraisal District records, water system distribution maps, engineering drawings or capital improvement plans, water system standard operating procedures, historical records on each service connection and meter installation, and inspections and records of distribution system including customerservice inspection records and service agreements.	P	\$286,100.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
51	43.38	Tuscola-Taylor Co WCID # 1	TX2210010	745	Identify and Replace Lead Service Lines.	PDC	\$2,134,354.00
96	38.53	Tyler	TX2120004	104,798	Inventory, Identify and replace all lead service lines.	PDC	\$2,000,000.00
76	41.38	Van	TX2340004	4,038	Prepare water service line inventory, prepare service line replacement plan, and design and construct lead and galvanized service line replacements.	PDC	\$3,446,730.00
243	13.32	Vарner Creek UD	TX0200070	3,111	Identify all service lines and determine lead classification. Prepare the Service Line Inventory for submittal to the TCEQ. Survey service lines determined to contain lead. Prepare plans for the replacement of lead lines.	PDC	\$730,823.50
32	45.53	Vernon	TX2440001	10,078	The City of Vernon is requesting funds in order to take inventory and replace existing service lines containing lead.	PDC	\$9,360,000.00
103	37.43	Waco	TX1550008	143,355	The in-progress Service Line Inventory is a 100% inspection of public and private service line material at the meter box for each service line connection, along with a review of the documentation for each service. The City of Waco intends to replace any lead public service line, any private lead service or any private galvanized service identified as galvanized requiring replacement service line as part of the Service Line Inventory and Service Line Replacement Project.	C	\$20,000,000.00
100	38.15	Weatherford	TX1840005	27,900	The initial phase of this project will be focused on developing an initial service line inventory based on the best available data and a prioritized plan for investigation of unknown service lines. Assumptions for potential lead service line replacements are included herein for the subsequent phase of field investigation and replacement of lead service lines.	PDC	\$14,982,440.00
122	25.14	Weinert	TX1040004	157	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$359,510.00
231	14.2	Wells Branch MUD	TX2270227	22,062	Identify service lines across the District in accordance with the revised Lead and Copper Rule and to develop a comprehensive inventory of all service lines.	P	\$204,550.00
190	17.79	West Tawakoni	TX1160012	3,168	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$5,855,951.00
27	46.12	Westwood Shores MUD	TX2280016	2,733	Identify all the possible lead service lines and comply with EPA's mitigation requirements.	PDC	\$1,589,000.00
133	22.48	Wharton Co WCID # 2	TX2410001	2,190	Inventory of Water Service Lines.	PDC	\$11,508,020.00
99	38.29	White Oak	TX0920006	6,469	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,300,000.00
229	14.23	Whitesboro	TX0910010	4,192	Inventory and Identify Lead Service Lines. Inform customers of lines that need replacement.	PC	\$72,500.00
67	42.07	Wills Point	TX2340005	6,648	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines. City expects to use Force Accounting agreement to complete parts of the LSLR inventory.	PDC	\$631,400.00

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



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix G. Project Priority List - Alphabetical**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
72	41.57	Wilmer	TX0570018	6,690	By undertaking this project the City intends to eliminate lead water services from their system if any are identified. This project will be approached in two phases. The first phase will be to perform the EPA and TCEQ mandated lead service inventory and submit said inventory to TCEQ well in advance of the October 2024 deadline. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$2,438,573.75
59	42.6	Winters	TX2000003	2,345	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$266,000.00
164	20.26	Wolfe City	TX1160005	1,480	Inventory, Identify and Replace Lead Service Lines.	PDC	\$6,872,005.00
<b>Total</b>		<b>258</b>					<b>\$4,083,549,965.48</b>

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix H. Alphabetical List of Ineligible Projects**

Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Ineligible Reason
Brushy Creek MUD	TX2460061	20,040	Complete a service line inventory, identify a strategy for completing the service line inventory, field verify service lines and materials, and provide statistical analysis on any unknown service lines. The next phase of the project will identify a strategy to use for replacement of any lead service lines.	P	\$840,058.00	AMHI
Pecan Grove MUD	TX0790132	14,913	Identify, Inventory and Replacement of lead service lines.	PADC	\$13,144,000.00	AMHI
Rollingwood	TX2270016	1,611	Identify lead service lines.	P	\$100,000.00	AMHI

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
1	56.83	Moran	TX2090002	270	This project included identifying and replacing lead service lines.	PDC	\$767,050.00
2	55.4	Lorenzo	TX0540002	1,182	Inventory and Replace Lead Service Lines.	PDC	\$1,460,000.00
3	54.04	Morton	TX0400001	1,690	Inventory and Replace Lead Service Lines.	PDC	\$2,530,000.00
4	53.37	Rocksprings	TX0690012	1,857	Conduct Lead and copper service line inventory and lead and galvanized service line replacement.	PDC	\$724,888.48
5	52.14	Marlin	TX0730002	5,967	The City's initial Project is to conduct a complete Inventory of each of the household connections, documenting and classifying the entire service line inventory. Inventory Methodology will include Previous Materials Evaluation/ Construction Records and Plumbing Codes/ Water System Records/ Distribution System Inspections and Records; and will also utilize identifications during normal Operations - Meter Reading, Repair, Replacement; Service Line Repair, Replacement. Investigation Methods will include as may be required - visual at meter pit/ CCTV I water quality sampling/ mechanical excavation.	P	\$195,000.00
6	51.91	Buffalo Gap	TX2210003	1,422	This project included identifying and replacing lead service lines.	PDC	\$2,257,150.00
7	51.81	Paducah	TX0510001	1,186	Inventory and Replace Lead Service Lines.	PDC	\$1,940,000.00
8	51.68	Eden	TX0480001	1,899	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$230,000.00
9	50.45	Benjamin	TX1380011	258	This project included identifying and replacing lead service lines.	PDC	\$960,311.00
10	50.36	Roma	TX2140007	19,123	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$654,000.00
11	50.12	Mertzon	TX1180002	700	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$119,000.00
12	50.11	Devine	TX1630006	4,318	Inventory, Identify and replace lead service line connections.	PDC	\$11,675,250.00
13	49.12	Carbon	TX0670015	440	This project included identifying and replacing lead service lines.	PDC	\$1,236,550.00
14	48.69	Alto	TX0370001	1,523	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$855,000.00
15	48.49	Mart	TX1550005	2,200	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, to identify whether lead service lines are present or not for both the City of Mart and the customers. From the inventory information, a plan for replacement of lines will be determined and costs for replacement will be developed. The City of Mart plans to apply for funding to accomplish the replacement of lead lines in future TWDB applications. Additionally, as part of this application, the City of Mart will be creating a GIS of the system to manage the data collected through the inventory process as well as update system information as updating of lines is completed.	P	\$212,000.00
16	48.03	Brady	TX1540001	5,371	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	PDC	\$5,282,000.00
17	47.99	Idalou	TX1520001	2,250	Inventory and Replace Lead Service Lines.	PDC	\$1,650,000.00
18	47.85	Lexington	TX1440002	2,376	Conduct field work and prepare Service Line Inventory for TCEQ by October 16, 2024. Replace public water system and private service lines between water main line and customer's house connection.	PADC	\$2,339,500.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
19	47.47	Glidden FWSD # 1	TX0450021	860	Conduct a thorough search on Colorado CAD website by customer name and/or street address as a large number of the customers live in or on rental property or in a RV/Trailer Park; research existing "as built" plans for the system or CSI documentation; contact customers or property owners to get their knowledge of materials used from the meter to the house tap; and if needed, excavate around the water meters to verify materials used on both side of the meter. Once all this information is obtained, will make plans to proceed with replacing any lead service lines identified.	PC	\$343,750.00
20	47.4	Hamilton	TX0970001	2,871	Use the survey data to identify areas of the city that have lead lines that are in need of replacing. We will also do physical inspections as necessary.	PDC	\$7,360,411.00
21	47.33	Munday	TX1380003	1,300	This project included identifying and replacing lead service lines.	PDC	\$2,663,975.00
22	47.27	Hawkins	TX2500001	1,278	The proposed project includes planning, design, and construction of complete removal and replacement of 38,750 LF of ¾" lead and galvanized steel service lines and appurtenances that meets the requirements established under 40 CFR 143. The goal of this project is to improve the drinking water the City of Hawkins provides to its customers. Additional work consists of removal and replacement of lead or galvanized goosenecks, pigtails, connectors, curb stops, boxes, and replacement with an acceptable material that meets the requirements established under 40 CFR 143 and which complies with state and local plumbing codes and or building codes. Site restoration, including landscaping, sidewalk repair, driveway repair, etc. shall be required where specified in the plans.	PDC	\$2,512,105.00
23	47.16	Amherst	TX1400006	791	Inventory and Replace Lead Service Lines.	PDC	\$1,025,000.00
24	47.13	Loraine	TX1680002	602	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$136,000.00
26	46.52	Grand Saline	TX2340003	3,215	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,912,400.00
26	46.52	Meadow	TX2230002	593	Inventory and Replace Lead Service Lines.	PDC	\$800,000.00
27	46.12	Westwood Shores MUD	TX2280016	2,733	Identify all the possible lead service lines and comply with EPA's mitigation requirements.	PDC	\$1,589,000.00
28	45.97	Mineola	TX2500002	4,515	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,008,700.00
29	45.93	Trent	TX2210009	269	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$139,000.00
30	45.7	Thorndale	TX1660003	1,400	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, as required by EPA/TCEQ to identify whether lead service lines are present or not for both the City of Thorndale and the customers.	P	\$184,000.00
31	45.57	Jefferson	TX1580001	1,883	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,025,000.00
32	45.53	Vernon	TX2440001	10,078	The City of Vernon is requesting funds in order to take inventory and replace existing service lines containing lead.	PDC	\$9,360,000.00
33	45.51	Seymour	TX0120001	2,817	This project included identifying and replacing lead service lines.	PDC	\$5,437,748.00
34	45.49	Chillicothe	TX0990001	707	Inventory, Identify and Replace Lead Service Lines.	PDC	\$330,000.00
35	45.41	Pearsall	TX0820002	9,346	Complete inventory of all service lines in the City of Pearsall to determine which lines include lead in accordance with EPA/TCEQ requirements. Overall plan for remaining steps for compliance with new rules.	PDC	\$914,000.00
36	45.39	Gladewater	TX0920001	6,441	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,300,000.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
37	45.27	O'Donnell	TX1530001	714	The City is requesting financial assistance from TWDB to determine the exact number and location as well as replacement of the lead and galvanized service lines within the distribution system.	P	\$113,000.00
38	45.24	East Texas MUD of Smith County	TX2120005	3,879	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$1,311,800.00
39	45.09	Pittsburg	TX0320001	4,754	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system. Design, bidding, inspection, and construction administration for replacement of an estimated 2171 lead service lines to be confirmed in the lead service line inventory phase.	PDC	\$15,969,407.84
40	44.61	Ames-Minglewood WSC	TX1460005	1,704	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$856,200.00
41	44.44	Daingerfield	TX1720001	4,047	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$1,950,000.00
42	44.28	Post	TX0850001	5,471	Inventory and Replace Lead Service Lines.	PDC	\$3,414,817.00
44	44.23	Mount Vernon	TX0800001	2,662	Planning services for water service line inventory of all service lines and replacement of lead service lines.	PDC	\$5,017,550.00
44	44.23	Graham	TX2520001	8,903	This project included identifying and replacing lead service lines.	PDC	\$8,699,876.00
45	44.21	Breckenridge	TX2150001	5,807	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$379,000.00
46	44.16	Jacksonville	TX0370002	14,544	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines.	PDC	\$5,375,400.00
47	44.09	Plainview	TX0950004	20,919	The city of Plainview is planning on replacing all water meters in the system. As part of the meter replacement, the contractor will be documenting the service line material and is expected to have documentation complete and ready for review by May 2024. The information obtained from the survey will be used to determine the size and scope for lead service line replacement. This funding will be used to replace all identified lead services when necessary.	C	\$2,000,000.00
48	43.99	Redwater	TX0190008	4,356	Replace Lead Service Lines that have been identified in the project area.	PDC	\$2,300,000.00
49	43.45	Stephens Regional SUD	TX2150007	4,809	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$297,000.00
50	43.41	Junction	TX1340001	2,500	The City of Junction is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$640,260.00
51	43.38	Tuscola-Taylor Co WCID # 1	TX2210010	745	Identify and Replace Lead Service Lines.	PDC	\$2,134,354.00
52	43.32	Stephenville	TX0720002	23,110	This project included identifying and replacing lead service lines.	PDC	\$17,686,100.00
53	43.31	Coleman	TX0420001	4,136	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$5,994,910.00
54	43.23	Huntington	TX0030002	2,121	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$1,028,000.00
55	43.2	River Acres WSC	TX1780013	2,700	Identify and continue upgrading aging infrastructure by replacing old lines that may be impacted by lead contamination.	PDC	\$4,323,085.00
56	43.17	Sweetwater	TX1770002	11,198	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$482,000.00

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

All financing will be made at the ratio of 51% principal forgiveness and 49% loan/bond.

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
57	43.14	Stamford	TX1270003	3,101	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$286,000.00
58	42.87	Ballinger	TX2000001	3,862	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$340,000.00
59	42.6	Winters	TX2000003	2,345	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$266,000.00
60	42.48	Slaton	TX1520004	6,052	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$335,000.00
61	42.45	Electra	TX2430002	2,715	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,813,034.00
62	42.37	Harlingen Water Works System	TX0310002	85,900	Survey and inventory of service lines that may have experienced lead exposure. Replace water service lines that have been identified as having any lead.	PC	\$2,185,000.00
63	42.34	Alice	TX1250001	17,891	Phase I, to purchase a trailer-mounted hydro-excavator and truck to transport the hydro-excavator; funds to reimburse pay for City Staff doing the inventory; funds to pay for clerk who will input into TCEQ/EPA excel spreadsheet, the inventory data; funds to hire a consulting firm to locate service lines with GIS map coordinates, to investigate and to determine material of service lines, and to categorize such lines to determine non-lead or lead for replacement. These activities and investigations will enable the City to have a more accurate figure to be determined for sampling requirements under the rule, excavation, and for the replacement cost of known lead service lines immediately upon their discovery.	P	\$755,320.00
64	42.29	Fredericksburg	TX0860001	14,500	Complete a service line inventory and replace identified lead service lines in accordance with the Lead and Copper Rule Revisions. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	PDC	\$1,300,000.00
65	42.17	Alpine	TX0220001	6,000	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$6,011,144.00
66	42.16	Redland WSC	TX0030028	3,637	The intent of this project is to inventory all lead service lines within the distribution system and replace them with new service lines.	PDC	\$1,082,000.00
67	42.07	Wills Point	TX2340005	6,648	Proposed project includes identifying lead service lines, design of removal and replacement, and construction work to remove and replace lead lines. City expects to use Force Accounting agreement to complete parts of the LSLR inventory.	PDC	\$631,400.00
68	41.98	Atlanta	TX0340001	5,495	Inventory and replace lead service lines.	PADC	\$1,629,498.79
69	41.92	Corsicana	TX1750002	24,190	Inspect all meters and connections in distribution system where lead services could exist.	PDC	\$98,000.00
70	41.9	Snyder	TX2080001	10,753	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$698,000.00
71	41.68	Marshall	TX1020002	23,091	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system. Design, bidding, inspection, and construction administration for replacement of an estimated 850 lead service lines to be confirmed in the lead service line inventory phase.	PDC	\$7,450,615.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
72	41.57	Wilmer	TX0570018	6,690	By undertaking this project the City intends to eliminate lead water services from their system if any are identified. This project will be approached in two phases. The first phase will be to perform the EPA and TCEQ mandated lead service inventory and submit said inventory to TCEQ well in advance of the October 2024 deadline. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$2,438,573.75
73	41.56	Terrell	TX1290006	18,897	Project consists of identifying the pipe type for both public and private service lines for approximately 6,000 accounts. Cost estimate is based on contracting work to identify the type of pipe and an estimated 500 service line replacements from the city meter to the house/business connection and 100 services from the main to the household/business.	PDC	\$4,547,000.00
74	41.54	Athens	TX1070005	20,334	Inventory and identify all known lead service lines and replace/upgrade these lines.	PDC	\$2,310,000.00
75	41.49	Poteet	TX0070005	4,185	City of Poteet is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$590,300.00
76	41.38	Van	TX2340004	4,038	Prepare water service line inventory, prepare service line replacement plan, and design and construct lead and galvanized service line replacements.	PDC	\$3,446,730.00
77	41.27	Coahoma	TX1140002	3,552	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$272,000.00
78	41.1	Taylor	TX2460004	20,622	Planning and design of the lead service line replacement program. Replacement of lead service lines.	PDC	\$1,750,000.00
79	40.98	Eastland	TX0670002	3,900	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$308,000.00
80	40.91	Albany	TX2090001	1,983	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$262,000.00
81	40.81	Sonora	TX2180001	2,766	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$315,000.00
82	40.67	Del Rio	TX2330001	36,506	Replace lead service lines from meter to first tap on all connections that have been identified.	PC	\$2,018,750.00
83	40.5	Aspermont	TX2170001	1,015	Inventory and Replace Lead Service Lines.	PDC	\$3,300,000.00
84	40.47	D & M WSC	TX1740010	6,570	The intent of this project is to identify all lead service lines within the distribution system and replace/upgrade these service lines.	PDC	\$1,545,000.00



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

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85	40.42	Dog Ridge WSC	TX0140044	4,713	To develop the inventory, a review of historical records to determine service line construction materials will be conducted. Should previously mentioned methods not identify the required information, visual observation, water quality sampling (non-compliance), excavation, vacuum or hydro-excavation, statistical analysis, or other emerging technologies will be used to confirm service line construction material. Once all required inventory information is obtained, the TCEQ required detailed inventory document will be created for submission by Dog Ridge Water Supply Corporation. From the inventory information, a plan for replacement of lines will be determined and costs for replacement will be developed. Dog Ridge Water Supply Corporation plans to apply for funding to accomplish the replacement of lead lines in future TWDB applications. Additionally, as part of this application, Dog Ridge Water Supply Corporation will be creating a GIS of the system to manage the data collected through the inventory process as well as update system information as updating of lines is completed.	P	\$337,800.00
86	40.15	Mason	TX1600001	2,114	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$300,000.00
87	40.06	Troy	TX0140037	2,350	The project will include a comprehensive and accurate inventory of water service lines, including locating and mapping, as required by EPA/TCEQ to identify whether lead service lines are present or not for both the City of Troy and the customers. Historical records will be reviewed including but not limited to construction and plumbing codes or ordinances, County Clerk's office or County Appraisal District records, water system distribution maps, engineering drawings or capital improvement plans, water system standard operating procedures, historical records on each service connection and meter installation, and inspections and records of distribution system including customerservice inspection records and service agreements.	P	\$286,100.00
88	40.04	Cisco	TX0670001	3,786	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$305,000.00
89	39.75	Denison	TX0910003	22,682	The first phase will be to perform the EPA and TCEQ mandated lead service inventory and submit said inventory to TCEQ we in advance of the October 2024 deadline. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, acquisition and construction services to replace identified lead (galvanized downstream of lead) services. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$114,198,902.00



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
90	39.57	Sherman	TX0910006	42,762	Field Verification of Service Line Material: Based on the initial inventory prepared during Phase 2, priority areas will be identified for field inspections. This phase will include field work through a contractor, program management and data management. The City plans to field verify 10% of their unknowns per year over the next 10 years. Monitoring and "Find and Fix" Plan: In this phase, the sampling plan will be updated per the new compliance requirements and additional non-compliance sampling to observe lead concentrations will be conducted before the compliance deadline. Lead Service Line Replacement Planning and Mitigation: A Lead Service Line Replacement Plan will be developed as required for compliance with the LCRR outlining the goals, customer coordination, funding and other considerations for lead service line replacement activities. This phase also covers construction costs and program oversight required to replace lead service lines, lead fittings and lead connectors identified in the system during Phases 2 and 3. It includes activities required to support the replacements, such as design, legal measures and public communication, and additional water sampling required to monitor the effectiveness of the line replacements.	PC	\$6,515,535.00
91	39.35	Abilene	TX2210001	123,886	This project consists of replacing service lines that contain lead in the City's service area.	PDC	\$12,998,141.00
92	39.26	Monahans	TX2380001	6,953	Inventory of the materials of construction and replacement of the lead and galvanized water service lines in the distribution system.	P	\$409,000.00
93	39.24	Denver City	TX2510001	5,000	Inventory, Design and Replace lead service lines.	PDC	\$2,943,700.00
94	39.2	Cleburne	TX1260003	30,573	The project will include completion of a lead service line inventory, supplemental lead sampling, planning and design for infrastructure, design and construction cost for removal/replacement of goosenecks/pigtails/connectors/service lines and acquisition of temporary water filter systems for affected households.	PDC	\$48,492,400.00
95	38.64	Ennis	TX0700001	21,203	This project will identify, map, and inventory service connections within the City of Ennis including evaluation of piping material. The inventory will identify lead service lines which will then be replaced with TCEQ compliant service line from the main to the	PDC	\$3,050,000.00
96	38.53	Tyler	TX2120004	104,798	Inventory, Identify and replace all lead service lines.	PDC	\$2,000,000.00
97	38.42	Big Spring	TX1140001	27,282	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$16,106,339.00
98	38.38	San Angelo	TX2260001	101,004	Field verification of service line material, monitoring and lead service line replacement plan, LSL replacement.	PC	\$12,607,779.00
99	38.29	White Oak	TX0920006	6,469	Identify, map, and inventory service connections. Replace non-compliant service lines.	PDC	\$2,300,000.00
100	38.15	Weatherford	TX1840005	27,900	The initial phase of this project will be focused on developing an initial service line inventory based on the best available data and a prioritized plan for investigation of unknown service lines. Assumptions for potential lead service line replacements are included herein for the subsequent phase of field investigation and replacement of lead service lines.	PDC	\$14,982,440.00
101	38.1	Duncanville	TX0570007	39,500	This project will be approached in two phases. The first phase will be to perform the lead service inventory and submit said inventory to TCEQ. The second phase of the project will be to replace all identified lead services with appropriate new water service materials. This second phase will include planning, design, stakeholder coordination and construction services.	PDC	\$21,181,293.44

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
102	37.73	Galveston	TX0840003	50,180	Phase 1 — LCRR Effort Assessment and Initial Inventory. Phase 2— Service Line Inventory Development& Continued Material Verification. Phase 3— Sampling Plan, LSLR Plan, and Public Communications. Phase 4— Lead Service Line Replacement and Mitigation.	PC	\$24,287,610.00
103	37.43	Waco	TX1550008	143,355	The in-progress Service Line Inventory is a 100% inspection of public and private service line material at the meter box for each service line connection, along with a review of the documentation for each service. The City of Waco intends to replace any lead public service line, any private lead service or any private galvanized service identified as galvanized requiring replacement service line as part of the Service Line Inventory and Service Line Replacement Project.	C	\$20,000,000.00
104	37.2	Fort Worth	TX2200012	853,762	As part of this project, the Fort Worth Water Utility intends to replace water service lines that are lead, including galvanized services downstream of lead based on EPA's expanded definition of a lead service line.This project will involve the replacement of approximately 1,200 known customer-owned lead service lines and known galvanized service lines requiring replacement. All of the homes requiring lead service line replacement are located in disadvantaged communities. The DWSRF will be allocated to fund the inspection, design, and replacement of all lead service lines as defined by EPA and eliminate disparities across our water system.	C	\$13,270,000.00
105	36.63	Eules	TX2200031	56,160	Service line inventory for all service lines constructed prior to the Texas lead ban effective date of July 1, 1988, along with inventory of all unknown service lines throughout the City of Eules. Replace all services connected to galvanized iron water mains and any lead services identified.	PDC	\$20,191,714.00
106	36.59	Lubbock	TX1520002	266,263	Project is to replace identified lead service lines from the Lead and Copper Rules Revision inventory. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	C	\$23,700,000.00
107	36.56	Dallas	TX0570004	1,321,740	Requested funding will be utilized to develop lead services line inventory by reviewing, cataloging, and digitizing existing paper documents and by conducting field investigations where no viable documentation is available.Once the inventory is completed, design and construction projects will be awarded to remove all lead service lines and galvanized lines requiring replacement from Dallas Water Utilities system.	PDC	\$32,000,000.00
108	36.48	Sunbelt FWSD	TX1010188	693	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$1,491,300.00
109	35.81	Bedford	TX2200003	49,526	Inventory and replace all services connected to galvanized iron water mains along with replacing the galvanized iron water mains and any lead services identified during the service line inventory.	PDC	\$20,009,418.00
110	35.76	New Braunfels	TX0460001	70,759	NBU seeks funding to complete lead service line inventories, accomplish the required planning for the lead line replacement program, perform the design and replacement of lead service lines, cover the land acquisition costs associated with any required easements or construction	PADC	\$20,011,000.00
111	35.4	San Antonio Water System	TX0150018	1,999,472	Develop Lead service line Inventory. Planning - Inspections. Design - Lead Service Line Replacement Action plan. Construction - Replace lead or galvanized service line	PDC	\$2,824,555,765.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
112	35.31	Garland	TX0570010	239,730	Part of this plan is creating a service line inventory. Based on City records, there are no lead service lines in use on our side of meters. Garland Water Utilities is seeking funding assistance to visually inspect the remaining unknown customer service lines to complete the service line inventory. We are not seeking funding assistance in the development of the LCRR compliance plan being developed by FNI. With roughly 60,000 unknowns remaining, we are requesting \$6,000,000 to complete the customer service line inventory.	C	\$8,168,606.86
113	33.75	League City	TX0840007	128,412	Project activities include but are not limited to the identification, planning, design, and replacement of lead/applicable galvanized service lines i.e., removal and replacement of applicable lead/galvanized; site restoration related to service line replacement; applicable permit fees; point-of-use devices; development and updating lead service line inventories including locating and mapping; varies methods of investigations, planning and design for aforementioned projects and non-routine sampling.	PDC	\$8,979,000.00
114	31.75	Plano	TX0430007	288,800	Water Service Line Material Field Inventory project to determine the water line material on unknown portions of service lines.	P	\$8,000,000.00
115	29.31	Rule	TX1040003	687	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$910,689.00
116	27.92	Gorman	TX0670003	1,051	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$2,440,000.00
117	26.24	Strawn	TX1820005	696	Identify and Replace Lead Service Lines.	PDC	\$1,696,983.00
118	26.12	Melvin	TX1540003	300	Project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$480,536.00
119	25.54	Rising Star	TX0670005	835	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$1,950,000.00
120	25.32	Colorado Co WCID # 2	TX0450014	979	Inventory and replace all lead or galvanized pipes for our customers.	C	\$95,500.00
121	25.27	Marlow WSC	TX1660014	576	Conduct Lead and Copper testing, design and replace all water service connections that are currently contaminated.	DC	\$451,800.00
122	25.14	Weinert	TX1040004	157	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$359,510.00
123	25.12	Honey Grove	TX0740003	1,668	Perform inventory assessment. Design required for replacement of lead service lines including acquisition. and Construction of proposed improvements.	PADC	\$3,664,980.00
124	24.94	Ranger	TX0670004	2,500	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$4,700,000.00
125	23.87	Morton Valley WSC	TX0670018	717	WSC is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$1,400,000.00
126	23.68	Goliad	TX0880001	1,976	Identify, Inventory and Replace Lead Service Lines.	PDC	\$476,160.00

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

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
127	23.28	Sunbelt FWSD	TX1010419	2,919	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$4,220,800.00
128	23.14	Bangs	TX0250001	2,787	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,026,007.00
129	22.97	Goldthwaite	TX1670001	1,738	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,774,693.00
130	22.95	Lincoln WSC	TX1440006	750	Assess each meter to determine type of materials and supplies required to maintenance from water main to existing house. After recognizing required materials, purchase, and replace necessary equipment. Utilize contract labor if needed.	PAC	\$98,850.00
131	22.8	Comanche County WSC	TX0470027	329	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$2,625,000.00
132	22.71	Bronte	TX0410001	999	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$2,525,000.00
133	22.48	Wharton Co WCID # 2	TX2410001	2,190	Inventory of Water Service Lines.	PDC	\$11,508,020.00
135	22.46	Baird	TX0300001	1,500	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$4,275,000.00
135	22.46	Cross Plains	TX0300003	982	City is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$2,550,000.00
136	22.39	Lueders	TX1270007	346	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$614,378.00
137	22.22	Sheridan WSC	TX0450016	390	Do a complete list of inventory on all lead and galvanized lines. Start replacement of lines.	PDC	\$554,000.00
138	22.17	Crockett	TX1130001	7,755	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$5,227,959.00
139	22.11	Daisetta	TX1460004	1,141	The City will procure an engineering firm to assist the City in building and managing a location-based inventory as required by the EPA/TCEQ. The engineering firm will work with the City to identify the service line material, and will help the staff ensure that the City will be in compliance in 2024 and beyond.	P	\$59,800.00
140	21.97	Highland Park WSC	TX0180071	308	Extensive historical data research, physical location and identification of pipes including extrication as needed.	P	\$18,870.00
141	21.9	Anahuac	TX0360001	2,376	This project would be split into two phases – 1) Inspection/Inventory of lines and 2) Replacement of lead or copper lines if needed	P	\$112,470.00
143	21.77	Streetman	TX0810016	375	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$1,663,866.00
143	21.77	Birome WSC	TX1090017	1,728	Identify and/or replace lead Service lines.	P	\$100,000.00

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

All financing will be made at the ratio of 51% principal forgiveness and 49% loan/bond.

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
144	21.76	King Creek WSC	TX0180031	160	King Creek WSC is requesting funding to perform and document a visual service line survey to set a baseline documented inventory to base future LCRR corrective actions and reporting requirements.	PAC	\$86,730.00
145	21.74	Ericksdahl WSC	TX1270005	275	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$853,328.00
146	21.56	Archer City	TX0050001	1,830	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,634,554.00
148	21.5	Evant	TX0500015	426	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,010,229.00
148	21.5	RPM WSC	TX2340016	2,751	To replace line down FM 279 to create and replace line on FM 2010 and chandler interconnect.	PDC	\$250,000.00
149	21.41	Leroy-Tours-Gerald WSC	TX1550027	1,680	Identify and/or replace lead Service lines.	PDC	\$300,000.00
150	21.23	Rockdale	TX1660002	5,595	Inventory and replacement of lead and galvanized water service lines.	PDC	\$23,410,568.50
151	21.21	Meridian	TX0180002	1,493	The City of Meridian is requesting funds to assist in completion of the required inventory summary and replace any identified lead service lines.	PDC	\$6,000,000.00
152	21.14	Harris Co WCID # 36	TX1010239	11,073	Review existing inventory of potential service leads. Develop LSLR Plan; Public communication of inventory & incentivizing public for engagement in the program; Prepare for finding & fixing assessments; Physical replacement of any lead service lines & oversight of work	PC	\$2,970,000.00
153	20.95	Sunbelt FWSD	TX1010292	8,796	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$8,113,000.00
154	20.88	Pine Village PUD	TX1010901	2,664	The proposed project is comprised of two phases which includes the 1) lead service line inventory and replacement plan, and 2) lead service line replacement. The inventory and replacement plan will identify and include both the public and private sides of the water service lines. Additionally, the inventory and replacement plans will identify possible changes to Lead and Copper sampling within the system, water system reporting, public education requirements, and the introduction of a new lead trigger level.	PDC	\$2,715,000.00
155	20.85	Beeville	TX0130001	12,793	Beeville seeks funding to complete lead service line inventories, accomplish the required planning for the lead line replacement program, perform the design and replacement of lead service lines, and cover the land acquisition costs associated with any required easements or construction.	PC	\$2,216,814.00
158	20.82	Somerville	TX0260002	1,400	The City of Somerville is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they do exist within their system and will require replacement.	PDC	\$2,354,050.00
158	20.82	Rankin Road West MUD	TX1012354	1,836	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$70,000.00
158	20.82	Graford	TX1820003	631	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,447,599.00
159	20.74	Green Creek WSC	TX0720028	552	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$776,219.00

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

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
160	20.57	Rogers	TX0140004	1,471	Develop lead service line inventory by performing a historical records review of the documents identified by staff. This should include a review of building and plumbing codes, water main construction and inspection details, development plans, meter records, and Tax Appraisal District of Bell County data for construction dates.	PADC	\$300,000.00
161	20.44	Medina WSC	TX0100013	807	Medina WSC is requesting funding for the Lead Service Line Inventory and Replacement. This project is to include the work required to identify the material of all the service lines and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$102,660.00
163	20.39	Harris Co FWSD # 1A	TX1010082	2,560	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$3,901,800.00
163	20.39	Bonham	TX0740001	10,386	Inventory existing water service line. Replacement of lead service line.	PADC	\$16,898,000.00
164	20.26	Wolfe City	TX1160005	1,480	Inventory, Identify and Replace Lead Service Lines.	PDC	\$6,872,005.00
165	20.19	Crystal City	TX2540001	7,128	Inventory, identify and replace lead service lines.	PDC	\$11,383,200.00
166	19.93	Reid Road MUD # 2	TX1011928	4,677	Identify, Inventory and Replace lead service lines.	PADC	\$4,380,000.00
167	19.9	Lone Oak	TX1160006	601	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,439,912.00
168	19.61	Freeport	TX0200005	12,098	Phase 2 -Sampling Plan, LSLR Plan, and Public Communications. Phase 3 -Further Material Inspections.Phase 4 -Lead Service Line Replacement and Mitigation.	PC	\$2,222,224.00
169	19.59	Mexia	TX1470004	7,459	The proposed project will begin with the necessary research and field verification to inventory all water service lines and classify them in accordance with EPA guidance. Following completion of the inventory, all service lines identified for replacement, will be replaced per EPA guidance.	PDC	\$9,623,658.00
170	19.5	Bayview MUD	TX0840010	1,839	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$1,002,740.00
171	19.44	San Saba	TX2060001	3,099	Identifying lead service lines in the service area and replacing service lines that contain lead.	PDC	\$6,575,000.00
172	19.37	Snook	TX0260017	680	The City of Snook will hire a third-party contractor to gather information on all service lines, City and customer, regarding type of material the lines consist of. After an inventory is made from the gathered information, the City of Snook will replace any identified lead service lines.	PDC	\$572,000.00
173	19.36	Axtell WSC	TX1550016	1,725	Locate and correct lead service lines in the Axtell W.S.C.		\$100,000.00
174	19.33	Era WSC	TX0490014	447	Inventory and then replace the community's lead service lines.	PDC	\$981,800.00
175	19.32	Baylor County SUD	TX0120004	2,658	SUD is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$5,900,000.00



**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
176	19.22	Commodore Cove ID	TX0200033	356	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$339,610.00
177	19.11	New Ulm WSC	TX0080014	492	Create Inventory of all existing service lines. Replace all lead service lines and lead pigtails/goosenecks, and all galvanized service lines identified as requiring replacement.	PC	\$257,976.00
178	19.07	Palo Pinto WSC	TX1820004	573	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,462,975.00
179	19.04	Pattison WSC	TX2370005	1,461	Identify and/or replace lead Service lines.	PADC	\$100,000.00
180	18.84	Danbury	TX0200011	1,745	Identification and Removal of Lead Service Lines	PDC	\$454,000.00
181	18.79	Brookesmith SUD	TX0250004	11,985	SUD is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$19,600,000.00
182	18.68	Dalworthington Gardens	TX2200047	2,330	Project would include resources to inventory lines in the eligible area, and include any acquisitions, agreements, and line replacement.	PDC	\$100,000.00
183	18.66	Sunbelt FWSD	TX1010022	7,197	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$8,317,200.00
185	18.62	Lower Valley WD	TX0710154	59,049	Inventory, identify and coordinate with the different local government's planning department for getting the permits and the residents who may have lead service lines on their properties so that they can have those lines replaced. Identify and replace any lead pipes in the distribution system.	PDC	\$905,000.00
185	18.62	New Home	TX1530004	326	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$295,495.00
186	18.29	NW Harris Co MUD # 24	TX1012071	1,200	Identify, Inventory and Replace lead service lines.	PADC	\$1,591,780.00
187	18.13	Mount Pleasant	TX2250001	16,113	Planning services for water service line inventory of all service lines (public and private) connected to the public water distribution system.	P	\$166,407.00
188	17.88	Hempstead	TX2370001	6,687	The project will include all planning, acquisition (none anticipated), design, and construction related to lead and copper service line initial inventory, and lead and copper service line replacement program.	PDC	\$6,846,950.00
189	17.84	Fort Griffin SUD	TX2090005	2,800	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,918,462.00
190	17.79	West Tawakoni	TX1160012	3,168	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$5,855,951.00

**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
191	17.68	Port Arthur	TX1230009	53,818	The city is requesting funding to conduct a lead service line inventory and costs associated with the replacement of found lead service lines.	PDC	\$51,878,565.00
192	17.56	Hondo	TX1630002	10,542	Inventory lead service lines in system. This will consist of household surveys, records research, and field verification. Replace all lead service lines, or other service lines requiring replacement under TCEQ / EPA protocols.	PDC	\$4,681,000.00
193	17.52	Riesel	TX1550040	1,308	The City of Riesel is requesting funds to assist in completion of the required inventory summary.	P	\$57,500.00
194	17.5	Tolar	TX1110012	881	The funds will be used to plan, design, and construct the replacement of current lead service lines throughout the City of Tolar city limits. Service lines will be inspected, with a GIS dashboard created to show the location of found lead service lines.	PDC	\$99,320.00
195	17.36	DeLeon	TX0470002	2,171	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$3,949,232.00
196	17.35	Leon Valley	TX0150178	7,794	Identify and develop an inventory, planning and designing for all lead service lines replacements, and site restoration required.	PDC	\$427,240.00
197	17.31	Brazoria	TX0200003	4,395	Prepare a GIS database of existing water services, a lead service line initial inventory, and a lead service line replacement program. The project includes all planning, acquisition (although none is anticipated), design, and construction related to these activities.	PDC	\$3,250,200.00
198	17.3	Columbus	TX0450001	3,739	The project is to identify and replace existing lead service lines within the City of Columbus. There are a total of 1,523 residential service lines in the City of Columbus. Based on CAD records the number of homes built prior to 1988 is 1,377.	PDC	\$2,883,012.00
199	17.28	Oak Ridge North	TX1700025	3,600	Inventory and Replace Lead Service Lines.	DC	\$97,500.00
200	17.01	Giddings	TX1440001	7,428	The City of Giddings is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time.	PDC	\$6,907,200.00
201	17.01	Clyde	TX0300002	3,811	City is requesting funding to perform a lead service line inventory to meet TCEQ requirements. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$8,000,000.00
202	16.98	Merkel	TX2210002	3,609	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$4,497,952.00
203	16.86	Sun WSC	TX2210015	3,888	WSC is requesting funding to perform a lead service line inventory. Following the inventory, a separate construction project would replace the service line and accessories between the water main line and customer's house (service tap, corporation stop, service line, and meter stop).	PDC	\$5,625,000.00
204	16.83	El Campo	TX2410002	12,290	The City of El Campo is planning to use these funds for preparation of the application, preparation of a GIS database of existing water services, a lead and copper service line initial inventory, and lead service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time but knows that they do exist within their system and will require replacement.	PDC	\$9,746,400.00
205	16.79	Millsap WSC	TX1840007	1,080	This project consists of identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$1,988,496.00

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

Rank	Points	Entity	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost
206	16.77	Hull FWSD	TX1460012	849	The District will procure an engineering firm to assist the City in building and managing a location-based inventory as required by the EPA/TCEQ. The engineering firm will work with the District to identify the service line material, and will help the staff ensure that the City will be in compliance in 2024 and beyond.	P	\$45,710.00
207	16.76	Early	TX0250015	3,087	Identifying lead service lines in the City's service area and replacing service lines that contain lead.	PDC	\$7,275,000.00
208	16.48	Harris Co MUD # 50	TX1010719	4,743	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$6,737,700.00
209	16.43	Texarkana	TX0190004	38,682	This funding request is for the reimbursement of costs to conduct an inventory of the 13,773 domestic service lines within the Texas portion of TWU's service area. Upon completion of the service line inventory and review of the data WU will be able to fully document the number of lead service lines within the water service area in Texas. With the information provided by the service line inventory TWU will then develop a plan to replace all water service lines containing lead, contaminated by lead, or suspected of being contaminated. TWU plan is to use a non-excavating inspection process to identify connections from the water main to the water meter and from the water meter to the point beginning of the customer service line for locations that were either installed prior to July 1, 1988, or that the actual installation date could not be verified as being prior to July 1, 1988. With this information a plan will be developed to replace all portions of the service line requiring replacement to meet the lead-free requirement.	PAD	\$6,380,029.00
210	16.32	Sunbelt FWSD	TX1010117	3,225	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$4,603,800.00
211	16.25	Montgomery Co MUD # 7	TX1700169	12,291	Inventory, Identify and Replace Lead Service Lines.	PC	\$1,782,938.00
212	16.19	Reid Road MUD # 1	TX1010872	6,693	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$5,194,100.00
213	15.92	Caldwell	TX0260001	4,358	The City of Caldwell is planning to use these funds for preparation of the application, updating the existing GIS database of the water services, a lead and copper service line initial inventory, and lead and copper service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they do exist within their system and will require replacement.	PDC	\$5,835,350.00
214	15.92	Keller	TX2200096	45,400	Identify, Inventory and Replace Lead Service Lines.	PC	\$8,047,464.70
215	15.91	Bandera	TX0100012	3,066	Identify, Inventory, Planning and Design for all lead service line replacements and site restoration.	PDC	\$383,920.00
216	15.9	North Hunt SUD	TX1160039	4,509	GPS Data Collection / GIS mapping. This is needed to start identifying any lead services lines.		\$23,022.62
217	15.79	Elm Creek WSC	TX1550026	4,620	Inventory of all service lines.	PDC	\$5,970,162.00
218	15.47	Needville	TX0790001	4,560	Identify, inventory, and replace lead service lines connected to the City of Needville Water System.	PDC	\$1,980,000.00
219	15.23	Orange Co WCID # 1	TX1810005	14,769	Inventory as required by the EPA/TCEQ. The staff at 120 Water Inventory Solutions with work with District staff through submission to TCEQ and will help staff ensure that the District will be in compliance in 2024 and beyond.	PDC	\$213,864.00

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

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220	15.2	Fort Bend Co MUD # 131	TX0790450	1,974	The District will complete the required Lead Service Line Inventory for the entire District water facilities.	D	\$47,500.00
221	15.2	Tomball	TX1010026	12,924	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$5,936,191.00
222	15.17	Humble	TX1010014	15,616	Inventory, identify and replace all lead service lines.	PDC	\$13,722,500.00
223	15.07	Nueces Co WCID # 3	TX1780005	13,200	Identify and Replace Lead Service Lines.	PDC	\$16,913,607.00
224	15	Bellville	TX0080001	6,222	The City of Bellville is planning to use these funds for reimbursement of preparation of the application, preparation of a GIS layer for water services, a lead and copper service line initial inventory, and lead and copper service line replacement program. The project will include all planning, acquisition (none anticipated), design, and construction related to these activities. The City has not identified lead service lines at this time, but knows that they may exist within their system and will require replacement.	PDC	\$6,966,700.00
225	14.98	Moffat WSC	TX0140028	4,182	The WSC has identified those homes to survey and verify service line material going to each home for possible replacement.	PDC	\$200,000.00
226	14.9	Coryell City WSD	TX0500013	5,628	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$19,010,005.00
227	14.73	Abernathy	TX0950001	2,865	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$1,872,100.00
228	14.5	Blanco	TX0160002	3,192	Inventory, Identify and Replace Lead Service Lines.	PDC	\$459,980.00
229	14.23	Whitesboro	TX0910010	4,192	Inventory and Identify Lead Service Lines. Inform customers of lines that need replacement.	PC	\$72,500.00
230	14.23	Harris Co MUD # 257	TX1012985	3,492	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$72,500.00
231	14.2	Wells Branch MUD	TX2270227	22,062	Identify service lines across the District in accordance with the revised Lead and Copper Rule and to develop a comprehensive inventory of all service lines.	P	\$204,550.00
232	14.2	Blue Ridge West MUD	TX0790051	7,428	The District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$133,000.00
233	14.16	Beaumont	TX1230001	118,129	Complete Service Line Inventory and replace any lead service line or galvanized requiring replacement.	PDC	\$5,274,000.00

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

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234	14.02	Sunbelt FWSD	TX1010758	4,527	Inventory of service line material. Public communication of the inventory. Replacement of lead service lines.	PC	\$3,278,000.00
235	13.93	Baytown	TX1010003	83,701	Evaluating lead concentrations following the new 5th liter sampling protocols, completing the development of the lead service line inventory, and developing plans for public education and outreach, and lead service line (LSL) replacement.	PDC	\$23,972,800.00
236	13.84	Andrews	TX0020001	14,109	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$7,334,030.00
237	13.64	Montgomery Co MUD # 36	TX1700139	4,422	Inventory, identify and replace lead service lines as required by the updated regulations in the Lead and Copper Rule Revisions.	PC	\$1,702,807.00
238	13.59	Cross Country WSC	TX1550059	3,789	An inventory of all service lines shall be completed by researching city and county records for relevant data for the dates of installation and type of materials used. Focusing on pre-1986 construction, we will cross reference records with building permits and zoning requirements. In-field investigation shall also be completed if records do not exist to identify the type of material used for service lines. This would include potholing where necessary. All collected data shall be cataloged in ARC-GIS format along with coordinates for each service line in the system.	PDC	\$12,122,415.00
239	13.48	East Central SUD	TX0150138	16,038	The proposed project includes the identification, inventory, and mapping of ECSUD's existing water system service line network. To complete the identification and inventory of the ECSUD's service lines, this project includes the purchase of equipment, ECSUD staff time, and use of subcontractor(s). No design or construction services are anticipated to be required.	P	\$716,100.00
240	13.45	Boerne	TX1300001	22,287	Project is to complete a service line inventory and replace identified lead service lines in accordance with the Lead and Copper Rule Revisions. Project will prioritize replacement of lead service lines starting with schools and daycare facilities, and then replace the remaining lead service lines found in the system.	PDC	\$2,100,000.00
241	13.4	Bertram	TX0270012	3,330	The proposed project includes the identification, inventory, and mapping of Bertram's existing water system service linework. The project would also include design and construction services to replace any identified lead service lines.	PDC	\$521,010.00
242	13.36	Crystal Clear SUD	TX0940015	15,924	Identify, Inventory and Replace Lead Service Lines	PDC	\$3,873,350.00
243	13.34	G & W WSC	TX0930048	1,962	The proposed project consists on identifying and replacing lead services lines within the service area of G&W Water Supply Corporation in Waller and Grimes Counties.	PDC	\$500,000.00
244	13.32	Vарner Creek UD	TX0200070	3,111	Identify all service lines and determine lead classification. Prepare the Service Line Inventory for submittal to the TCEQ. Survey service lines determined to contain lead. Prepare plans for the replacement of lead lines.	PDC	\$730,823.50
245	13.28	Galveston Co WCID # 1	TX0840001	32,214	Identify and replace lead infused galvanized service line piping (both public and private side)	DC	\$3,635,000.00
246	13.26	Alvin	TX0200001	26,780	Phase 2 - Sampling Plan, LSLR Plan, and Public Communications, Phase 3 - Further Material Inspections . Phase 4 - Lead Service Line Replacement and Mitigation.	PC	\$3,136,616.00
247	12.86	Parkway UD	TX1010750	7,278	Inventory, Identify and Replace Lead Service Lines.	DC	\$92,500.00

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

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248	12.82	Harris Co MUD # 149	TX1011296	3,675	District will undergo an inventory of their service lines to analyze whether lead service lines are present or have been present. The inventory will also include field investigation.	DC	\$65,000.00
249	12.65	Castroville	TX1630005	3,229	The project is to identify the material of existing service lines, replace any service lines that are identified to be lead material.	PDC	\$2,796,250.00
250	12.16	Manor	TX2270002	11,886	Develop lead service line inventory by performing a historical records review of the documents identified by staff. This should include a review of building and plumbing codes, water main construction and inspection details, development plans, and Travis Central Appraisal District data for construction dates.	PADC	\$80,000.00
251	12.04	Hurst	TX2200054	38,510	The City developed a phased approach. Phases 1 and 2 are in progress; The City is seeking funding for future Phases 3 through 5. Phase 3 – Field Verification of Service Line Material Predictive modeling will be developed and used to identify priority areas for field inspections. This phase will include field work through a contractor, program management and data management. Phase 4 – Sample Plan Update, Preliminary Sampling, Monitoring and LSLR Plan In this phase, the sampling plan will be updated per the new compliance requirements, and sampling to observe lead concentrations will be conducted before the compliance deadline. Based on the results of this effort, the City may proactively implement a lead service line replacement program. A LSLR Plan will be developed as required for compliance with the LCRR outlining the goals, customer coordination, funding, and other considerations for future line replacement activity. Phase 5 – Lead Service Line Replacement. This phase covers construction costs and program oversight required to replace lead service lines, lead fittings and lead connectors identified in the system during Phases 2 and 3. It includes activities required to support the replacements, such as design, legal measures and public communication, and additional water sampling required to monitor the effectiveness of the line replacements.	PC	\$4,164,629.00
252	12.02	Houston	TX1010013	2,202,531	The proposed project will survey an estimated 494,856 household service line connections throughout the City of Houston to identify and replace lead service lines within the entire service area.	PC	\$30,000,000.00
253	11.22	Corpus Christi	TX1780003	325,733	Assessment of service lines in the City's service area, development of an inventory to satisfy EPA and TCEQ requirements, and replacement of lead service lines as identified in the assessment.	PDC	\$1,537,500.00
254	10.65	Johnson County SUD	TX1260018	50,054	This project will involve the use of all available data to inventory and locate lead or potentially lead service lines. Lead service lines will be replaced and the potential lead service lines will be verified and replaced if composed of lead.	PC	\$1,500,000.00
255	10.28	Arlington	TX2200001	383,950	The first steps of this program involve data collection and processing, which include assigning pipe installation dates based on multiple historical records, gathering documentation on City ordinances and plumbing codes, custom application configuration for collecting meter GPS coordinates and performing field inspections and developing a web mapping tool for reporting material types to residents as required by the LCR. Should any water service lines be found to require replacement, the City will promptly prepare engineering plans and specifications, obtain the necessary agreements, and bid the project for construction.	PC	\$6,438,000.00
256	9.81	Green Valley SUD	TX0940020	39,258	The proposed project includes the identification, inventory, and mapping of GVSUD's existing water system service linework. The project would also include purchasing applicable and effective equipment, as well as design and construction services to replace any identified lead service lines.	PDC	\$5,740,800.00

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**Texas Water Development Board**  
**SFY 2023 Drinking Water State Revolving Fund - Lead Service Line Replacement**  
**Intended Use Plan**  
**Appendix I. Project Priority List - By Rank**

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257	9.23	North Richland Hills	TX2200063	71,600	The City will be required to inventory and survey an estimated 23,000 water service lines including the City's and customer's service lines that are 2 inch and smaller. Additionally, there will be professional services required to assist with GIS and Public Notification portions of the project.	PDC	\$3,045,000.00
258	7	Austin	TX2270001	1,044,405	This project will replace galvanized services found in Austin Water's system on both the public and private side of the meter.	C	\$6,000,000.00
<b>Total</b>		<b>258</b>					<b>\$4,083,549,965.48</b>