

Texas Water

Development Board

OLA ID 1434835

PIF No. Not Assigned Yet

Entity Name: White Settlement

Project Name: Conservation, Water Loss Control

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General Information

Project Information

Funding Type SWIFT

Contact Information

County Tarrant

Entity Contact Information	Engineering Firm Contact Information
Name of Entity White Settlement	Name of New Entity
Prefix Mr.	Prefix Mr.
First Name Rich	First Name Andrew
Last Name Tharp	Last Name Franko
Addr 1 214 Meadow Park Dr	Addr 1 4055 International Plaza
Addr 2	Addr 2 Suite 200
City White Settlement	City Fort Worth
State TX	State TX
Zip 76108-2424	Zip 76109-4814
Phone (817) 246-4971	Phone (817) 735-7515
Fax	Fax
Suffix	Suffix
OrgName	OrgName
DeptName	DeptName
Title Community Services Director	Title Project Manager
Email rtharp@wstx.us	Email asf@freese.com
	Firm Name Freese and Nichols, Inc.
Make Changes Y	Make Changes Y
No Entity TxWISE Id	No Engineering TxWISE Id

Service Area

Population Served 17,440

Project Description

Project Name Conservation, Water Loss Control

Where can Project be found in the most recent Regional Water Plan?

The project is described on page #: Appendix D.256 – Region C Water Plan

The capital cost is listed on page #: Appendix H.39 – Region C Water Plan

Region C - REGION C

Phase(s) Applied For

Planning Y

Acquisition Y

Design Y

Construction Y

Emergency

Applicant/entity's water supply will last less than 180 days. N

Applicant has received or applied for Federal emergency funding. N

None of the above. Y

Agricultural Efficiency Project? N

Estimated average annual residential water bill \$369

Annual Median Household Income \$49,000

Project will produce water N

Project will conserve water Y

Please provide the volume of water anticipated to be produced or conserved by the project per decade:

2020	2030	2040	2050	2060	2070
0	30	26	39	60	85

Project will address water loss Y

Description of Proposed Project Components This project seeks to assist the City of White Settlement in controlling water loss through its distribution system by promoting conservation measures. The City hopes to achieve this through a number of strategies:

- District Metering Areas

This potential project would establish a series of metered areas throughout the City whereby it could start to pinpoint areas of chronic water leaks and focus efforts to repair or replace poor infrastructure. The City would contract with a vendor to install the meters and utilize real-time software/data to address areas of concern in the distribution system.

- Leak Detection Equipment/3rd Party Contractor

The City would utilize SWIFT funding to purchase equipment for Field Operations staff for performing on-going leak detection activities as part of routine Operation and Maintenance. Funds could also be used for hiring a 3rd Party contractor who specializes in leak detection and repair.

- Update of Water Conservation Plan

SWIFT dollars would be utilized to help White Settlement fund its update to the City's existing

Water Conservation Plan. The plan would evaluate current and existing measures and look at additional strategies to enhance and improve conservation efforts.

- Increased Public Awareness

This potential project would utilize funding for increased public awareness initiatives related to water loss control and added conservation. Awareness initiatives include flyers, door hang-tags, advertising, and other access to public measures.

Readiness to Proceed to Construction

Preliminary planning or design work (30% of total project) has been completed or is not required.
N

Applicant is prepared to begin implementation or construction within 18 months of application deadline. N

Applicant has acquired all water rights associated with the proposed project, or none will be required. Y

Estimated Costs

TWDB Requested Amount

Low-Interest Loan Amount \$675000.00

Deferred Loan Amount

Board Participation Amount

Local Contribution Amount

Other Amount

Other Desc

Total Estimated Project Costs \$675000.00

Anticipated Debt Service for 2018 Loan Closing is anticipated to be: LEVEL

Additional Attachments

The following documents are attached after this page:

WTS_2021_SWIFT_Abridged_Application.pdf



Abridged Application

Due by midnight on February 1, 2021

Submit via Email: SWIFT@twdb.texas.gov

Apply Online: <https://ola.twdb.texas.gov>

By submitting this abridged application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete abridged application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the abridged application without review.

GENERAL INFORMATION

Entity Name		County	Regional Water Planning Area
City of White Settlement		Tarrant	C - Region C
Contact Who should TWDB contact with questions during the review of this submission?	Name	Rich Tharp	
	Title	Community Services Director	
	Phone	817-246-4971	
	Email	rtharp@wstx.us	

PROJECT DESCRIPTION

Project Name As it appears in your region's 2021 Regional Water Plan	Conservation, Water Loss Control		
Where can the project be found in the 2021 Regional Water Plan?	The project is described on page #:	Appendix D.256 – Region C Water Plan	
	The capital cost is listed on page #:	Appendix H.39 – Region C Water Plan	
Phase(s) Applied For	<input checked="" type="checkbox"/> Planning <input checked="" type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction		
Population Served When Fully Operational	17,440		

DESCRIPTION OF PROPOSED PROJECT COMPONENTS

Please be sure this description includes all major project components and clearly states what the project seeks to accomplish. A high level of detail is not necessary at this stage—such information is collected later in the application process—but the description should make clear that the proposed work is the same as identified in the regional water plan.

This project seeks to assist the City of White Settlement in controlling water loss through its distribution system by promoting conservation measures. The City hopes to achieve this through a number of strategies:

- District Metering Areas
 - This potential project would establish a series of metered areas throughout the City whereby it could start to pinpoint areas of chronic water leaks and focus efforts to repair or replace poor infrastructure. The City would contract with a vendor to install the meters and utilize real-time software/data to address areas of concern in the distribution system.
- Leak Detection Equipment/3rd Party Contractor
 - The City would utilize SWIFT funding to purchase equipment for Field Operations staff for performing on-going leak detection activities as part of routine Operation and Maintenance. Funds could also be used for hiring a 3rd Party contractor who specializes in leak detection and repair.
- Update of Water Conservation Plan
 - SWIFT dollars would be utilized to help White Settlement fund its update to the City's existing Water Conservation Plan. The plan would evaluate current and existing measures and look at additional strategies to enhance and improve conservation efforts.
- Increased Public Awareness
 - This potential project would utilize funding for increased public awareness initiatives related to water loss control and added conservation. Awareness initiatives include flyers, door hang-tags, advertising, and other access to public measures.

Emergency Select all that apply	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input checked="" type="checkbox"/> None of the above.
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Agricultural Efficiency Project?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes," agricultural efficiency improvement achieved by implementing the project: Please provide an attachment showing the basis for your calculation.	<input type="checkbox"/> <1% <input type="checkbox"/> 10%-13.9% <input type="checkbox"/> 1%-1.9% <input type="checkbox"/> 14%-17.9% <input type="checkbox"/> 2%-5.9% <input type="checkbox"/> ≥18% <input type="checkbox"/> 6%-9.9%

Household Cost Factor	
Household Cost Factor calculated by dividing the service area's average residential water bill by its annual median household income. For regional projects, these should represent the combined service areas of all participating entities.	

Estimated average annual residential water bill:	\$369	Annual Median Household Income:	\$49,000
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The proposed project addresses:	<input checked="" type="checkbox"/> Conservation <input checked="" type="checkbox"/> Water Loss <input type="checkbox"/> N/A
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
Please provide the total water supply project yield of the entire project on an annual basis in acre-feet per year, for each planning decade. A water volume in the 2040 decade, for example, is assumed to come online in or prior to the year 2040 but is a snapshot annual volume for that decade; it is not a sum of the annual use in the decade.					
2020	2030	2040	2050	2060	2070
0	30	26	39	60	85

Readiness to Proceed Select all that apply	<input type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input checked="" type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required.
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ESTIMATED COSTS

Low-interest Loan	\$ 675,000.00
Deferred Loan	\$
Board Participation	\$
Local Contribution	\$
Other:	\$
Total Estimated Project Costs	\$

Anticipated Commitments Please attach proposed schedule for multi-year commitments.	<input checked="" type="checkbox"/> One-Time Commitment <input type="checkbox"/> Multi-Year Commitments
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Anticipated Debt Service Structure Please attach explanation if requesting non-level debt service.	<input checked="" type="checkbox"/> Level <input type="checkbox"/> Other Request
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LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

NAME	PWS ID
City of White Settlement	2200081

ATTACHMENTS CHECKLIST

- Methodology for determining agricultural conservation savings (if applicable)
- Proposed multi-year commitment schedule (if applicable)
- Proposed debt service structure (if applicable)

SUBMITTAL

Instructions	To submit your Abridged Application via email, please send this form to SWIFT@twdb.texas.gov .
	To submit your Abridged Application using TWDB's Online Loan Application tool, please visit https://ola.twdb.texas.gov .
TWDB Contact Information	If you would like to schedule a meeting to discuss your project with TWDB staff, please contact the Regional Project Development Team for your region: http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp .
	For general SWIFT program inquiries, please email SWIFT@twdb.texas.gov .

Submittal

I, Andrew Franko, as the designated authorized representative of the White Settlement, hereby approve and authorize the submission of this project information form to the Texas Water Development Board. I certify that all information contained herein is true and correct to the best of my knowledge. I understand the failure to submit a complete project information form by the stated deadlines may result in the withdrawal of the form without review.

Submitted by Andrew Franko

Telephone Number (817) 735-7515

Submitted date 2021-02-01 14:27:39.13