

Texas Water

Development Board

OLA ID 1558923

PIF No. 14202

Entity Name: Greater Texoma UA

Project Name: GTUA-Parallel Collin-Grayson
Municipal Alliance
(CGMA) Pipeline

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Project Information

Funding Type SWIFT

Contact Information

County Grayson

Entity Contact Information	Engineering Firm Contact Information
Name of Entity Greater Texoma UA	Name of New Entity
Prefix Mr.	Prefix Mr.
First Name Drew	First Name Mark
Last Name Satterwhite	Last Name Hill
Addr 1 5100 Airport Drive	Addr 1 9330 LBJ Freeway
Addr 2	Addr 2 Suite 1225
City Denison	City Dallas
State TX	State TX
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Fax	Fax
Suffix	Suffix P.E.
OrgName	OrgName
DeptName	DeptName
Title General Manager	Title
Email drews@gtua.org	Email mdhill@fmi-dallas.com
	Firm Name Freeman-Millican
Make Changes Y	Make Changes Y
No Entity TxWISE Id	No Engineering TxWISE Id

Service Area

Population Served 38,737

Project Description

Project Name GTUA-Parallel Collin-Grayson Municipal Alliance (CGMA)Pipeline

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

The project is described on page #: 576

The capital cost is listed on page #: 424

Region C - REGION C

Phase(s) Applied For

Planning N

Acquisition N

Design N

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 \$944.64

Annual Median Household Income \$96,388.21

Project will produce water N

Project will conserve water N

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

2020	2030	2040	2050	2060	2070
4491	4491	4491	4491	4491	4491

Project will address water loss N

Description of Proposed Project Components The primary purpose of this project will be expand the water delivery capacity on the Collin-Grayson Municipal Alliance ("CGMA") water system. The work will focus at the pump station site and consist of the following components, 1)add a 4th pump and motor, VFDs, soft starters, 2) Add 2 additional stages to the three (3) existing pumps, 3) additional ground storage tank, 4)SCADA upgrades, 5)Backup Generator, 6)piping and pressure relief additions , 7)all associated electrical, plumbing and earthwork 8)and appurtenances. In order to add the stages to the pumps, the vertical turbine pumps will have to be removed and taken to a shop. During that process we would have the contractor inspect the pumps and motors and make any repairs should they be necessary.

The CGMA system was a regionalization effort undertaken by the GTUA to deliver wholesale surface water to the cities of Melissa, Anna, Van Alstyne and Howe. All four of these Cities will rely on this regional system to continue to meet their rapidly growing demands into the future. This project was originally financed by the TWDB in three (3) different bond series. The project

initially became operational in 2007.

This State Water Plan identifies a “Parallel Collin-Grayson Municipal Alliance Pipeline” strategy for the online decade of 2030. In Appendix A of the Region C WP, it details this project. Below is a copy/paste of the Strategy Description:

This strategy is to develop new transmission facilities or increase the size of existing water supply transmission pipelines and pump stations. In many cases this represents the connection of an entity to a wholesale provider or the expansion of an existing transmission system. In other cases, the transmission supply is to connect existing supplies to the end users. This strategy may also include some infrastructure needed to take delivery of water from another provider such as ground storage. Two regional systems fit into this category of Infrastructure development.

One is the Fannin County Water Supply Project. For this project, NTWMD will cooperate with Fannin County entities to develop a treated water supply system for Fannin County water users after Bois d’Arc Lake is developed by 2030. This project will include over 70 miles of pipelines (18” to 36” pipelines) and associated pump stations to deliver water to seven WUGs, with ultimate (2070) delivery of almost 10,000 acre-feet per year.

The other regional system is GTUA’s Collin-Grayson Municipal Alliance (CGMA) Water System. Currently GTUA purchases treated water from NTWMD and delivers this water to four WUGs in southern Grayson and northern Collin Counties. GTUA plans to expand this system in the future by paralleling existing pipelines and coordinating with Sherman for additional treatment capacity.

LIST OF WATER SYSTEMS SERVED BY THE PROPOSED PROJECT

NAME	PWS ID
Greater Texoma Utility Authority	TX0910148
City of Melissa	TX0430040
City of Anna	TX0430027
City of Van Alstyne	TX0910009
City of Howe	TX0910013

Readiness to Proceed to Construction

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

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

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 \$7525000.00

Deferred Loan Amount

Board Participation Amount

Local Contribution Amount \$370600.00

Other Amount

Other Desc

Total Estimated Project Costs \$7895600.00

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

Additional Attachments

The following documents are attached after this page:

CGMA DSS.pdf

Greater Texoma Utility Authority

\$7,525,000 Contract Revenue Bonds, Series 2022

(Collin/Grayson Municipal Alliance Project)

Preliminary (SWIFT)

Debt Service Schedule

Part 1 of 3

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/15/2022	-	-	-	-	-
04/01/2023	-	-	75,333.61	75,333.61	-
09/30/2023	-	-	-	-	75,333.61
10/01/2023	165,000.00	2.650%	99,706.25	264,706.25	-
04/01/2024	-	-	97,520.00	97,520.00	-
09/30/2024	-	-	-	-	362,226.25
10/01/2024	170,000.00	2.650%	97,520.00	267,520.00	-
04/01/2025	-	-	95,267.50	95,267.50	-
09/30/2025	-	-	-	-	362,787.50
10/01/2025	175,000.00	2.650%	95,267.50	270,267.50	-
04/01/2026	-	-	92,948.75	92,948.75	-
09/30/2026	-	-	-	-	363,216.25
10/01/2026	180,000.00	2.650%	92,948.75	272,948.75	-
04/01/2027	-	-	90,563.75	90,563.75	-
09/30/2027	-	-	-	-	363,512.50
10/01/2027	185,000.00	2.650%	90,563.75	275,563.75	-
04/01/2028	-	-	88,112.50	88,112.50	-
09/30/2028	-	-	-	-	363,676.25
10/01/2028	190,000.00	2.650%	88,112.50	278,112.50	-
04/01/2029	-	-	85,595.00	85,595.00	-
09/30/2029	-	-	-	-	363,707.50
10/01/2029	195,000.00	2.650%	85,595.00	280,595.00	-
04/01/2030	-	-	83,011.25	83,011.25	-
09/30/2030	-	-	-	-	363,606.25
10/01/2030	200,000.00	2.650%	83,011.25	283,011.25	-
04/01/2031	-	-	80,361.25	80,361.25	-
09/30/2031	-	-	-	-	363,372.50
10/01/2031	205,000.00	2.650%	80,361.25	285,361.25	-
04/01/2032	-	-	77,645.00	77,645.00	-
09/30/2032	-	-	-	-	363,006.25
10/01/2032	210,000.00	2.650%	77,645.00	287,645.00	-
04/01/2033	-	-	74,862.50	74,862.50	-
09/30/2033	-	-	-	-	362,507.50
10/01/2033	215,000.00	2.650%	74,862.50	289,862.50	-
04/01/2034	-	-	72,013.75	72,013.75	-
09/30/2034	-	-	-	-	361,876.25
10/01/2034	225,000.00	2.650%	72,013.75	297,013.75	-
04/01/2035	-	-	69,032.50	69,032.50	-
09/30/2035	-	-	-	-	366,046.25
10/01/2035	230,000.00	2.650%	69,032.50	299,032.50	-

2022 \$7.525mm contract re | SINGLE PURPOSE | 1/31/2022 | 3:23 PM

Greater Texoma Utility Authority

\$7,525,000 Contract Revenue Bonds, Series 2022

(Collin/Grayson Municipal Alliance Project)

Preliminary (SWIFT)

Debt Service Schedule

Part 2 of 3

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
04/01/2036	-	-	65,985.00	65,985.00	-
09/30/2036	-	-	-	-	365,017.50
10/01/2036	235,000.00	2.650%	65,985.00	300,985.00	-
04/01/2037	-	-	62,871.25	62,871.25	-
09/30/2037	-	-	-	-	363,856.25
10/01/2037	240,000.00	2.650%	62,871.25	302,871.25	-
04/01/2038	-	-	59,691.25	59,691.25	-
09/30/2038	-	-	-	-	362,562.50
10/01/2038	245,000.00	2.650%	59,691.25	304,691.25	-
04/01/2039	-	-	56,445.00	56,445.00	-
09/30/2039	-	-	-	-	361,136.25
10/01/2039	255,000.00	2.650%	56,445.00	311,445.00	-
04/01/2040	-	-	53,066.25	53,066.25	-
09/30/2040	-	-	-	-	364,511.25
10/01/2040	260,000.00	2.650%	53,066.25	313,066.25	-
04/01/2041	-	-	49,621.25	49,621.25	-
09/30/2041	-	-	-	-	362,687.50
10/01/2041	270,000.00	2.650%	49,621.25	319,621.25	-
04/01/2042	-	-	46,043.75	46,043.75	-
09/30/2042	-	-	-	-	365,665.00
10/01/2042	275,000.00	2.650%	46,043.75	321,043.75	-
04/01/2043	-	-	42,400.00	42,400.00	-
09/30/2043	-	-	-	-	363,443.75
10/01/2043	285,000.00	2.650%	42,400.00	327,400.00	-
04/01/2044	-	-	38,623.75	38,623.75	-
09/30/2044	-	-	-	-	366,023.75
10/01/2044	290,000.00	2.650%	38,623.75	328,623.75	-
04/01/2045	-	-	34,781.25	34,781.25	-
09/30/2045	-	-	-	-	363,405.00
10/01/2045	300,000.00	2.650%	34,781.25	334,781.25	-
04/01/2046	-	-	30,806.25	30,806.25	-
09/30/2046	-	-	-	-	365,587.50
10/01/2046	305,000.00	2.650%	30,806.25	335,806.25	-
04/01/2047	-	-	26,765.00	26,765.00	-
09/30/2047	-	-	-	-	362,571.25
10/01/2047	315,000.00	2.650%	26,765.00	341,765.00	-
04/01/2048	-	-	22,591.25	22,591.25	-
09/30/2048	-	-	-	-	364,356.25
10/01/2048	325,000.00	2.650%	22,591.25	347,591.25	-
04/01/2049	-	-	18,285.00	18,285.00	-

2022 \$7,525mm contract re | SINGLE PURPOSE | 1/31/2022 | 3:23 PM

Greater Texoma Utility Authority

\$7,525,000 Contract Revenue Bonds, Series 2022

(Collin/Grayson Municipal Alliance Project)

Preliminary (SWIFT)

Debt Service Schedule

Part 3 of 3

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
09/30/2049	-	-	-	-	365,876.25
10/01/2049	330,000.00	2.650%	18,285.00	348,285.00	-
04/01/2050	-	-	13,912.50	13,912.50	-
09/30/2050	-	-	-	-	362,197.50
10/01/2050	340,000.00	2.650%	13,912.50	353,912.50	-
04/01/2051	-	-	9,407.50	9,407.50	-
09/30/2051	-	-	-	-	363,320.00
10/01/2051	350,000.00	2.650%	9,407.50	359,407.50	-
04/01/2052	-	-	4,770.00	4,770.00	-
09/30/2052	-	-	-	-	364,177.50
10/01/2052	360,000.00	2.650%	4,770.00	364,770.00	-
09/30/2053	-	-	-	-	364,770.00
Total	\$7,525,000.00	-	\$3,461,039.86	\$10,986,039.86	-

Yield Statistics

Bond Year Dollars	\$130,605.28
Average Life	17.356 Years
Average Coupon	2.6500000%
Net Interest Cost (NIC)	2.6500000%
True Interest Cost (TIC)	2.6501207%
Bond Yield for Arbitrage Purposes	2.6501207%
All Inclusive Cost (AIC)	2.6501207%

IRS Form 8038

Net Interest Cost	2.6500000%
Weighted Average Maturity	17.356 Years

2022 \$7.525mm contract re | SINGLE PURPOSE | 1/31/2022 | 3:23 PM

Greater Texoma Utility Authority

\$7,525,000 Contract Revenue Bonds, Series 2022

(Collin/Grayson Municipal Alliance Project)

Preliminary (SWIFT)

Net Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Net New D/S
09/30/2023	-	-	75,333.61	75,333.61	75,333.61
09/30/2024	165,000.00	2.650%	197,226.25	362,226.25	362,226.25
09/30/2025	170,000.00	2.650%	192,787.50	362,787.50	362,787.50
09/30/2026	175,000.00	2.650%	188,216.25	363,216.25	363,216.25
09/30/2027	180,000.00	2.650%	183,512.50	363,512.50	363,512.50
09/30/2028	185,000.00	2.650%	178,676.25	363,676.25	363,676.25
09/30/2029	190,000.00	2.650%	173,707.50	363,707.50	363,707.50
09/30/2030	195,000.00	2.650%	168,606.25	363,606.25	363,606.25
09/30/2031	200,000.00	2.650%	163,372.50	363,372.50	363,372.50
09/30/2032	205,000.00	2.650%	158,006.25	363,006.25	363,006.25
09/30/2033	210,000.00	2.650%	152,507.50	362,507.50	362,507.50
09/30/2034	215,000.00	2.650%	146,876.25	361,876.25	361,876.25
09/30/2035	225,000.00	2.650%	141,046.25	366,046.25	366,046.25
09/30/2036	230,000.00	2.650%	135,017.50	365,017.50	365,017.50
09/30/2037	235,000.00	2.650%	128,856.25	363,856.25	363,856.25
09/30/2038	240,000.00	2.650%	122,562.50	362,562.50	362,562.50
09/30/2039	245,000.00	2.650%	116,136.25	361,136.25	361,136.25
09/30/2040	255,000.00	2.650%	109,511.25	364,511.25	364,511.25
09/30/2041	260,000.00	2.650%	102,687.50	362,687.50	362,687.50
09/30/2042	270,000.00	2.650%	95,665.00	365,665.00	365,665.00
09/30/2043	275,000.00	2.650%	88,443.75	363,443.75	363,443.75
09/30/2044	285,000.00	2.650%	81,023.75	366,023.75	366,023.75
09/30/2045	290,000.00	2.650%	73,405.00	363,405.00	363,405.00
09/30/2046	300,000.00	2.650%	65,587.50	365,587.50	365,587.50
09/30/2047	305,000.00	2.650%	57,571.25	362,571.25	362,571.25
09/30/2048	315,000.00	2.650%	49,356.25	364,356.25	364,356.25
09/30/2049	325,000.00	2.650%	40,876.25	365,876.25	365,876.25
09/30/2050	330,000.00	2.650%	32,197.50	362,197.50	362,197.50
09/30/2051	340,000.00	2.650%	23,320.00	363,320.00	363,320.00
09/30/2052	350,000.00	2.650%	14,177.50	364,177.50	364,177.50
09/30/2053	360,000.00	2.650%	4,770.00	364,770.00	364,770.00
Total	\$7,525,000.00	-	\$3,461,039.86	\$10,986,039.86	\$10,986,039.86

2022 \$7.525mm contract re | SINGLE PURPOSE | 1/31/2022 | 3:23 PM

Submittal

I, Drew Satterwhite, General Manager, as the designated authorized representative of the Greater Texoma UA, 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 Drew Satterwhite, General Manager

Telephone Number (903) 786-4433

Submitted date 2022-01-31 16:22:26.377