

FHLM REGIONAL WATER SUPPLY CORPORATION

Jan. 20, 2018

PROJECT: PHASE ONE
TEXAS WATER DEVELOPMENT
ABRIDGED APPLICATION FOR SWIFT FUNDING

Problem: EPA & TCEQ have determined that excessive arsenic levels in two systems which are members of the FHLM Regional WSC: Axtell WSC & Elk-Oak Lake WSC located in McLennan County, Texas.

Solution: Phase One will provide treated City of Waco, Texas surface water for blending to the two WSC's. This will lower the arsenic levels sufficiently to bring the two systems into compliance with EPA and TCEQ recommended levels.

Duff Consulting Engineers, Inc.

4201 North 19th Street
Waco, TX 76708

Phone: 254-756-5414 FAX: 254-753-2642 E-Mail: anna@duffengineering.com

Anna Adamek, P.E.

Anna Duff Adamek, P.E.
President, Senior Design Engineer

1-20-18



Entity name:	FHLM Regional Water Supply Corporation
Primary planning region:	G
Contact name:	Charles Beseda
Phone number:	254-749-5784
Email:	waterman.cb@gmail.com
Comments:	President, FHLM Regional WSC

As part of the state water planning process, regional water planning groups recommend water management strategy projects for each of their respective regions. Texas Water Code §16.053(q) requires the regional water planning groups to examine the financing needed to implement the water management strategies and projects recommended in their regional plan. The Texas Water Development Board (TWDB) has several funding programs for water projects that support the planning, design, and construction of water supply projects with several financing options including low-interest loans and deferral of principal and interest. More information on these financial assistance programs can be found on the TWDB website at:

<http://www.twdb.texas.gov/financial/index.asp>

This Infrastructure Financing Report Survey is a tool to gather information regarding how you, as a project sponsor, anticipate financing the water supply projects recommended to meet your needs in the regional and state water plans, including whether you, as a sponsor, intend to use financial assistance programs offered by the State of Texas and administered by the TWDB.

Your cooperation and responses to these questions are crucial to assisting the state in providing ongoing funding opportunities to ensure that our communities and our citizens have adequate water supplies. **Note that a response to this survey is required for any entity seeking SWIFT funding for state water plan projects.**

How to use this form:

Select the empty cell next to 'Water Management Strategy Project' and click the down arrow to access a list of all recommended water management strategy projects with capital costs in the regional and state water plans. Projects are listed alphabetically by region, then by entity. When you select a strategy, its name and capital cost will appear.

If you represent an entity serving less than 500 people, you may fall within that is called the "COUNTY-OTHER" rural population entity. If this is the case, to search for your project you may need to search the drop-down by: your planning region | COUNTY-OTHER, [YOUR COUNTY NAME] | project name

If you represent an irrigation water user, your sponsor name will be what is called the "IRRIGATION" water user group. If this is the case, to search for your project you will need to search the drop-down by: your planning region | IRRIGATION, [YOUR COUNTY NAME] | project name

For each of the project(s) listed below for which you are designated as sponsor, please enter **only the amounts you anticipate requesting from TWDB funding categories** in the 'Amount' field, but **do not enter a specific portion of a project cost more than once**; enter the earliest 'Year needed' date that you anticipate requiring these amounts; and, enter in the 'State ownership' field the percent share of the overall project capacity that you anticipate the state taking initial ownership of. Note that the total amount entered into the separate funding categories may not exceed the Project Total Capital Cost. If a funding application exceeds the Project Total Capital Cost, respond to this survey with a proportionate percentage of funding category breakdowns in relation to the Project Total Capital Cost in the state water plan.

Funding category descriptions:

1) Planning, Design, Permitting & Acquisition funding: Enter portion of total costs into this category for which you anticipate applying for a low interest loan from TWDB for development efforts leading up to construction. This option includes providing funding for all pre-construction stages of the project.

2) Construction funding: Enter portion of total costs into this category for which you anticipate applying for state funding to construct your project using a low interest loan from TWDB.

3) Percent state participation in owning excess capacity: Enter the percent share of the total project capacity that will not be needed in the near-term and that you are interested in pursuing temporary state ownership. For some larger projects that qualify, the state may acquire a temporary ownership interest in 80% of the project which allows entities to optimally size a regional project with excess capacity that won't be needed until the future. The entity buys back the state's portion of the facility over time. Principal and interest are deferred on the state-owned portion of project.

Water Management Strategy Project name: <i>(as listed in regional and state water plans)</i>	<i>drop-down list</i>		Project total capital cost: \$ 8,385,000.00
	G COUNTY-OTHER, MCLENNAN MCLENNAN COUNTY REGIONAL ARSENIC MITIGATION - OTHER		
1) Planning, Design, Permitting & Acquisition funding	Amount:	\$1,825,000.00	Year needed: 2018
2) Construction funding	Amount:	\$6,560,000.00	Year needed: 2018-2019
Total anticipated state funding assistance: \$		8,385,000.00	
<i>^Cell will turn red if total exceeds project total capital cost. See instructions for detail.</i>			
3) Percent state participation in owning excess capacity			State ownership: 0%



Abridged Application

Due February 2, 2018 by 5:00pm

Submit via email: SWIFT@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.

NOTE: You may also complete and submit your Abridged Application online at <https://ola.twdb.texas.gov/>.

GENERAL INFORMATION

Name of Entity		County	Regional Water Planning Area
FHLM Regional Water Supply Corporation		Falls, Hill, Limestone & McLennan Counties	Region G
Entity Contact Information			
Contact Person	Name	Charles Beseda	
	Title	President	
Mailing Address	FHLM Regional WSC		
	402 HCR 3110 South		
	Penelope, Texas 76676-0125		
Phone Number	(254) 749-5784	Fax Number	(254) 822-1995
Email Address	Waterman.cb@gmail.com		

PROJECT DESCRIPTION

Name of Project <i>(As it appears in the 2017 State Water Plan)</i>	FHLM Regional Water Supply Corporation			
Where can the project be found in the most recent Regional Water Plan?	Project described on page:	5.24-18	Capital costs listed on page:	12-34
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	Axtell WSC @ 1,554 + Elk Oak Lake WSC @ 1,691 = 3,245 Total			

Description of Proposed Project Components

The FHLM Regional Water Supply Corporation intends to proceed with their Phase One project. Phase One will construct pump stations and transmission pipelines which will deliver treated surface water (Lake Waco) from the City of Waco. The two members in Phase One are the Axtell Water Supply Corporation and the Elk Oak Lake Water Supply Corporation. Both systems are in McLennan County and are supplied by Trinity Aquifer deep wells which are in violation of Environmental Protection Authority and Texas Commission Environmental Quality allowable arsenic Maximum Contaminant Level (MCL) of 10 parts per billion (ppb). The FHLM Regional WSC Phase One project will deliver the treated surface water from Waco to the participant plants for blending. Blending the surface water with the ground water will result in acceptable potable water supply for distribution to the individual customers in each system. Future Phases will provide additional supply to the other members of FHLM Regional WSC which are located in Falls, Hill, Limestone and McLennan counties.



Abridged Application

Due February 2, 2018 by 5:00pm

Submit via email: SWIFT@twdb.texas.gov

Emergency <i>(select all that apply)</i>	<input type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input checked="" type="checkbox"/> Applicant needs to begin this project as soon as possible due to EPA/TCEQ approved time line to reduce arsenic violations. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input type="checkbox"/> None of the above.
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Agricultural Efficiency Project? <div style="border: 1px solid red; padding: 2px; display: inline-block;"> Note: Existing Rate + Proposed Increase </div>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Efficiency improvement achieved by implementing the project <i>(Please provide an attachment showing the basis for your calculation.)</i> <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%
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Household Cost Factor
(Household Cost Factor for SWIFT prioritization is 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: Axtell WSC: \$22 + \$32.07 = \$54.01 EOL WSC \$50+\$32.07=\$82.07	Annual Median Household Income: Axtell \$46,422 EOL \$40,781	Avg = \$43,601.50
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The proposed project addresses:	<input type="checkbox"/> Conservation <input type="checkbox"/> Water Loss <input checked="" type="checkbox"/> Arsenic Reduction in Current Supplies
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Volume of Water Produced/Conserved (in Acre/Feet per Year)					
2020	2030	2040	2050	2060	2070
1.1 AF	1.17 AF	1.3 AF	1.4 AF	1.44 AF	1.5 AF

Readiness to Proceed <i>(select all that apply)</i>	<input checked="" type="checkbox"/> Preliminary planning or design work (30% of total project) <u>has been completed</u> or is not required. <input checked="" 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													
Estimated Project Costs	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Low-interest Loan</td> <td style="text-align: right;">\$ 8,385,000</td> </tr> <tr> <td>Deferred Loan</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Board Participation</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Local Contribution</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Other:</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>Total Estimated Project Costs</td> <td style="text-align: right;">\$ 8,385,000</td> </tr> </table>	Low-interest Loan	\$ 8,385,000	Deferred Loan	\$	Board Participation	\$	Local Contribution	\$	Other:	\$	Total Estimated Project Costs	\$ 8,385,000
Low-interest Loan	\$ 8,385,000												
Deferred Loan	\$												
Board Participation	\$												
Local Contribution	\$												
Other:	\$												
Total Estimated Project Costs	\$ 8,385,000												

Anticipated Commitments <i>Attach proposed schedule for multi-year commitments</i>	<input checked="" type="checkbox"/> One-Time Commitment <input type="checkbox"/> Multi-Year Commitments
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Anticipated Debt Service Structure <i>Please attach explanation if requesting non-level debt service..</i>	<input checked="" type="checkbox"/> Level <input type="checkbox"/> Other Request
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Required Attachments:

- A list of all water systems served by the proposed project
- Proposed multi-year commitment schedule (if applicable)
- Explanation of requested debt service structure (if applicable)

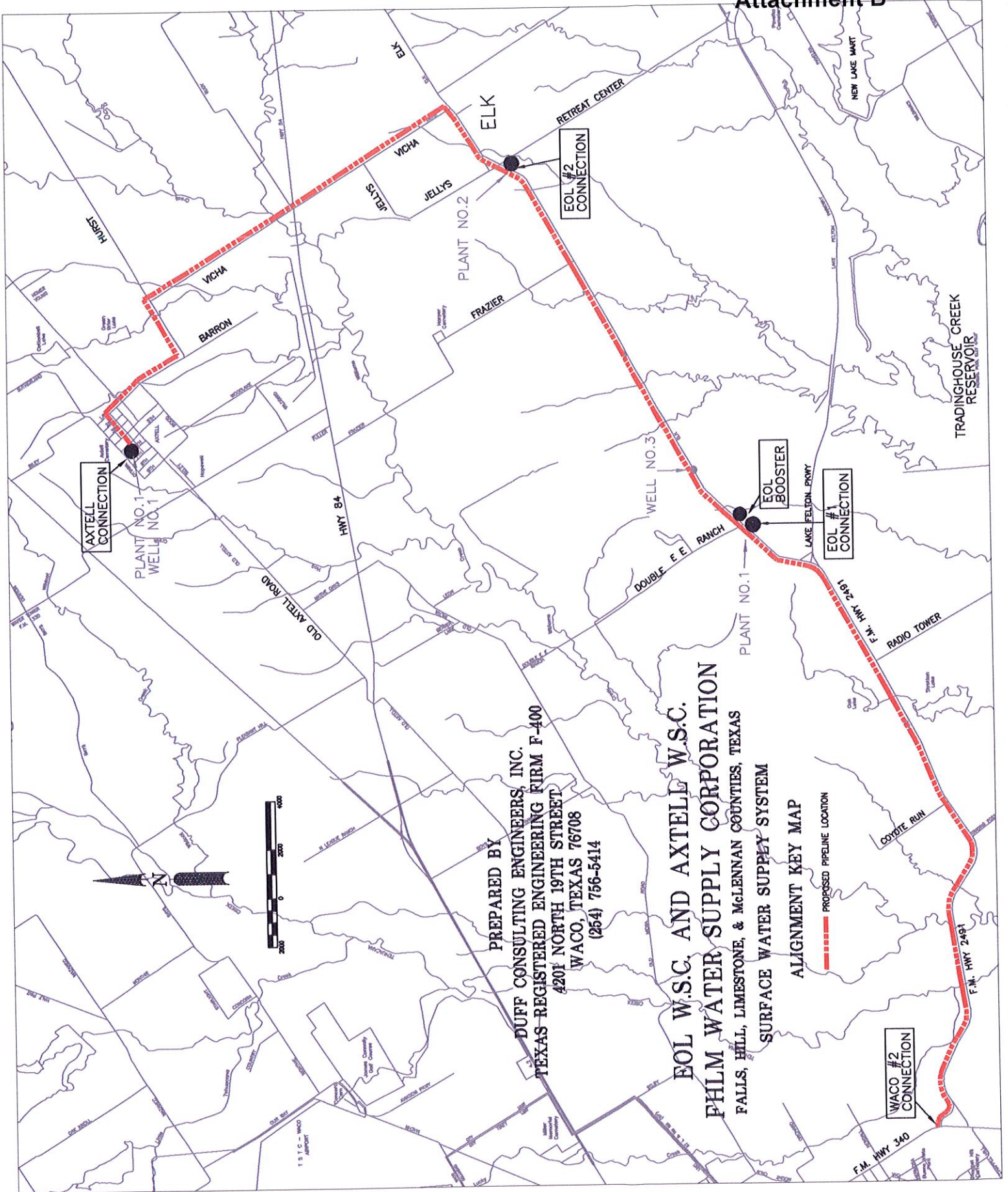
2018 TWDB SWIFT Abridged Application

FHLM Regional Water Supply Corporation

Phase One

Phase One will provide City of Waco treated surface water to be blended with existing ground water supplies. This is a mitigation measure to reduce arsenic concentrations in the ground water. Blending will result in levels that are within acceptable Federal and State requirements. These two entities will be included in this phase:

1. Axtell Water Supply Corporation
2. Elk Oak Lake Water Supply Corporation



PREPARED BY
DUFF CONSULTING ENGINEERS, INC.
 TEXAS REGISTERED ENGINEERING FIRM F-400
 4201 NORTH 19TH STREET
 WACO, TEXAS 76708
 (264) 756-5414

EOL W.S.C. AND AXTELL W.S.C.
PHLM WATER SUPPLY CORPORATION
 FALLS, HILL, LIMESTONE, & McLENNAN COUNTIES, TEXAS
SURFACE WATER SUPPLY SYSTEM

ALIGNMENT KEY MAP
 PROPOSED PIPELINE LOCATION

WACO #2 CONNECTION

**FHLM Regional Water Supply Corporation
Phase One – Member 2018 Water Rates**

1. **Axtell Water Supply Corporation**

0 – 2,000 Gallons No Charge
All Over 2,000 Gallons \$2.75 Per 1,000 Gallons

2. **Elk Oak Lake Water Supply Corporation**

RATES:

New Service: Membership \$ 200.00
 Buy-In \$2150.00
 Installation \$ 650.00
 \$3000.00

(Installation does not include road bores or line extensions that may be necessary)

Minimum for first 2,000 gallons according to meter size:

- | | | |
|--|------------------|---------|
| 1. A. 5/8 " meters | \$ 30.00 | monthly |
| B. 3/4" meters | 41.00 | " |
| B. 1" meters | 68.00 | " |
| C. 1 1/2" meters | 135.50 | " |
| D. 2" meters | 216.50 | " |
| E. 3" meters | 432.50 | " |
| 2,001 – 8,000 | \$3.50 per 1,000 | |
| 8,001 – 20,000 | \$4.50 per 1,000 | |
| 20,001 – 200,000 | \$5.50 per 1,000 | |
| 200,001 – 300,000 | \$6.50 per 1,000 | |
| 300,001 – And Up | \$7.50 per 1,000 | |
| 2. Late charge on overdue balance..... | \$ 10.00 | |



Anna Duff Adamek, P.E.
2-2-18

Attachment D

Duff Consulting Engineers, Inc.

Texas Registered Engineering Firm #F-400
4201 North 19th Street
Waco, TX 76708

Construction Costs			
Description	Quantity	Cost/Unit (\$)	Total Cost (\$)
14" C 900 PVC Pipe Inc. Tracer Wire	31,000 L.F.	\$ 60.00	\$ 1,860,000.00
12" C 900 PVC Pipe Inc. Tracer Wire	22,500 L.F.	\$ 50.00	\$ 1,125,000.00
10" C 900 PVC Pipe Inc. Tracer Wire	23,000 L.F.	\$ 40.00	\$ 920,000.00
Encased Road and Creek Crossings	L.S.	L.S.	\$ 750,000.00
Misc. Appurtenances	L.S.	L.S.	\$ 395,000.00
Proposed Waco Connection & Proposed FHLM Pump Station #1	L.S.	L.S.	\$ 780,000.00
Proposed FHLM Pump Station #2	L.S.	L.S.	\$ 730,000.00
Estimated Construction Cost Total			\$ 6,560,000.00
Other Costs:			
Engineering	L.S.	L.S.	\$ 460,000.00
Land Purchase	L.S.	L.S.	\$ 75,000.00
Inspection	L.S.	L.S.	\$ 100,000.00
Environmental	L.S.	L.S.	\$ 60,000.00
Legal	L.S.	L.S.	\$ 50,000.00
Contingencies	L.S.	L.S.	\$ 695,000.00
SCADA System	L.S.	L.S.	\$ 150,000.00
Easement Acquisition	L.S.	L.S.	\$ 50,000.00
Interest During Consatruction *	1		\$ 185,000.00
Total Other Costs			\$ 1,825,000.00
Total Estimated Project Cost			\$ 8,385,000.00

* TWDB, Unified Costing Model User's Guide, May 2015; page 41, formula (10)

Attachment D

Duff Consulting Engineers, Inc.
4201 North 19th Street
Waco, Texas 76708
254-756-5414

Project: FHLM Regional Water Supply Corporation

Phase One

TWDB SWIFT Funds

Amortization Table

Initial Data		TABLE DATA	
LOAN DATA			
Loan amount:	\$8,385,000.00	Table starts at date:	
Annual interest rate:	3.00%	or at payment number:	1
Term in years:	25		
Payments per year:	1		
First payment due:	6/1/2019		
PERIODIC PAYMENT			
Entered payment:			
Estimated Annual Payment:	\$481,532.70		
CALCULATIONS			
Use payment of:	\$481,532.70	Beginning balance at payment 1:	8,385,000.00
1st payment in table: 1		Cumulative interest prior to payment 1:	0.00

Table

No.	Payment Date	Beginning Balance	Interest	Principal	Ending Balance	Cumulative Interest
1	6/1/2019	8,385,000.00	251,550.00	229,982.70	8,155,017.30	251,550.00
2	6/1/2020	8,155,017.30	244,650.52	236,882.18	7,918,135.12	496,200.52
3	6/1/2021	7,918,135.12	237,544.05	243,988.65	7,674,146.48	733,744.57
4	6/1/2022	7,674,146.48	230,224.39	251,308.30	7,422,838.17	963,968.97
5	6/1/2023	7,422,838.17	222,685.15	258,847.55	7,163,990.62	1,186,654.11
6	6/1/2024	7,163,990.62	214,919.72	266,612.98	6,897,377.64	1,401,573.83
7	6/1/2025	6,897,377.64	206,921.33	274,611.37	6,622,766.27	1,608,495.16
8	6/1/2026	6,622,766.27	198,682.99	282,849.71	6,339,916.56	1,807,178.15
9	6/1/2027	6,339,916.56	190,197.50	291,335.20	6,048,581.36	1,997,375.64
10	6/1/2028	6,048,581.36	181,457.44	300,075.26	5,748,506.10	2,178,833.09
11	6/1/2029	5,748,506.10	172,455.18	309,077.52	5,439,428.58	2,351,288.27
12	6/1/2030	5,439,428.58	163,182.86	318,349.84	5,121,078.74	2,514,471.13
13	6/1/2031	5,121,078.74	153,632.36	327,900.34	4,793,178.41	2,668,103.49
14	6/1/2032	4,793,178.41	143,795.35	337,737.35	4,455,441.06	2,811,898.84
15	6/1/2033	4,455,441.06	133,663.23	347,869.47	4,107,571.59	2,945,562.07
16	6/1/2034	4,107,571.59	123,227.15	358,305.55	3,749,266.04	3,068,789.22
17	6/1/2035	3,749,266.04	112,477.98	369,054.72	3,380,211.32	3,181,267.20
18	6/1/2036	3,380,211.32	101,406.34	380,126.36	3,000,084.96	3,282,673.54
19	6/1/2037	3,000,084.96	90,002.55	391,530.15	2,608,554.82	3,372,676.09
20	6/1/2038	2,608,554.82	78,256.64	403,276.05	2,205,278.76	3,450,932.73
21	6/1/2039	2,205,278.76	66,158.36	415,374.34	1,789,904.43	3,517,091.10
22	6/1/2040	1,789,904.43	53,697.13	427,835.57	1,362,068.86	3,570,788.23
23	6/1/2041	1,362,068.86	40,862.07	440,670.63	921,398.23	3,611,650.30
24	6/1/2042	921,398.23	27,641.95	453,890.75	467,507.47	3,639,292.24
25	6/1/2043	467,507.47	14,025.22	467,507.47	0.00	3,653,317.47

2018 TWDB SWIFT Abridged Application
Phase One
FHLM Regional Water Supply Corporation

EOL WSC Cost Per Meter Per Month Based on 10,000 Gallons

0 – 2,000 \$30.00

2001 – 8,000 @ 3.50/ 1,000 gallons = \$21.00 per month

8001 – 10,000 @ 4.50/ 1,000 gallons = \$ 9.00 per month

Cost Per Meter Per Month for 10,000 gallons = \$60.00

**EOL Water Supply Corp.
9645 Elk Road
Axtell, Texas 76624
Office: (254) 863-0404
Emergency: (254) 744-3388**

January 12, 2018

**Duff Engineering & Consulting Firm
4201 North 19th Street
Waco, Texas 76708**

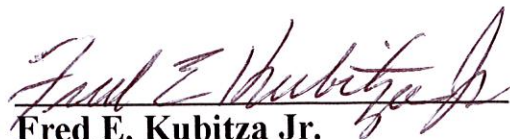
ATTN: Rodney Adamek

The EOL Water Supply Corporation of Elk, Texas met on January 4, 2018 at the EOL Water Supply Corporation Office to proceed with receiving water from the Waco Water Department.

It was voted to use Duff Engineering & Consulting Firm to proceed with requirements & regulations in retaining & receiving water from Waco, Texas.

If you should have any questions, please contact EOL Water Supply Corporation.

Thank you,



**Fred E. Kubitz Jr.
EOL Board President
(254) 744-3388**



**Cassie Pantelici
EOL Office Manager
(254) 863-0404**

**Wendell Brodovosky
Board Secretary/Treasurer**

Axtell Water Supply Corporation
P.O. Box 180
Axtell, Texas 76624
254-709-1078 or 254-863-0001

January 11, 2018

Attachment G

Duff Consulting Engineers, Incorporation
4201 North 19th Street
Waco, TX 76708

Attention: Rodney Adamek


Mr. Adamek,

The Axtell Water Supply Corporation of Axtell, Texas, Board of Directors met on January 11, 2018 at the Axtell Water Supply Corporation Office. The Board voted to proceed with receiving water from the City of Waco.

It was voted to use Duff Consulting Engineers, Incorporation to proceed with the requirement and regulations in retaining and receiving water from the City of Waco.

If you have any questions, please contact Tricia K. Freytag, Manager/Operator of Axtell Water Supply Corporation.

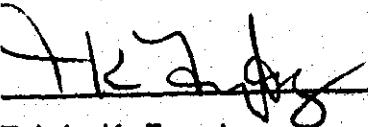
Sincerely,



Chuck White, President



Bill Blount, Secretary/Treasurer



Tricia K. Freytag
Manager/Operator

2018 TWDB Swift Abridged Application

Phase One

Axtell WSC and EOL WSC Population Projections

Entity	Annual Growth Projection by Entity	2010	2015	2020	2025	2030	2035	2040	2045	2050
Axtell WSC										
WSC Projections for Existing Service Area	0.7%	1513	1574	1634	1695	1755	1816	1876	1937	1997
Proposed Developments										
Sum for Axtell WSC Area	0.7%	1513	1574	1634	1695	1755	1816	1876	1937	1997
EOL WSC										
WSC Projections for Existing Service Area	0.9%	1625	1699	1777	1858	1944	2033	2126	2224	2326
Proposed Developments										
Sum for EOL WSC Area	0.9%	1625	1699	1777	1858	1944	2033	2126	2224	2326

H

Entity	Annual Growth Projected by Entity	POPULATION						
		2010	2015	2020	2025	2030	2035	2040
City of Mount Calm								
City's Projections for existing city limits	0.3%	320	325	330	335	340	345	350
Proposed Developments within ETJ		0	0	0	0	0	0	0
Sum for City of Mount Calm Area	0.3%	320	325	330	335	340	345	350
Axtell WSC								
WSC Projections for existing service area	0.7%	1513	1574	1634	1695	1755	1816	1876
Proposed Developments		0	0	0	0	0	0	0
Sum for Axtell WSC Area	0.7%	1513	1574	1634	1695	1755	1816	1876
Biorome WSC								
WSC Projections for existing service area	0.6%	1506	1556	1606	1656	1706	1756	1806
Proposed Developments		0	0	0	0	0	0	0
Sum for Biorome WSC Area	0.6%	1506	1556	1606	1656	1706	1756	1806
Chalk Bluff WSC								
TWDB Projections	1.6%	3487	3884	4280	4614	4948	5295	5641
EOL WSC								
WSC Projections for existing service area	0.9%	1625	1699	1777	1858	1944	2033	2126
Proposed Developments		0	0	0	0	0	0	0
Sum for EOL WSC Area	0.9%	1625	1699	1777	1858	1944	2033	2126
Gholson WSC								
WSC Projections for existing service area	0.4%	2985	3033	3093	3153	3213	3273	3333
Proposed Developments		0	0	0	0	0	0	0
Sum for Gholson WSC Area	0.4%	2985	3033	3093	3153	3213	3273	3333
H&H WSC								
WSC Projections for existing service area	1.0%	1431	1504	1581	1661	1746	1835	1929
Proposed Developments		0	0	0	0	0	0	0
Sum for H&H WSC Area	1.0%	1431	1504	1581	1661	1746	1835	1929
LTG WSC								
WSC Projections for existing service area	0.9%	1396	1466	1533	1601	1668	1735	1802
Proposed Developments		0	0	0	0	0	0	0
Sum for LTG WSC Area	0.9%	1396	1466	1533	1601	1668	1735	1802
M.S. WSC								
WSC Projections for existing service area	0.1%	681	684	687	691	694	697	701
Proposed Developments		0	0	0	0	0	0	0

**2018 TWDB SWIFT Abridged Application
Phase One
FHLM Regional Water Supply Corporation**

Axtell WSC and EOL WSC Median Household Income

Axtell WSC:

Census Tract No. 48309003500

Median Income: \$46,422.00



















EOL WSC:

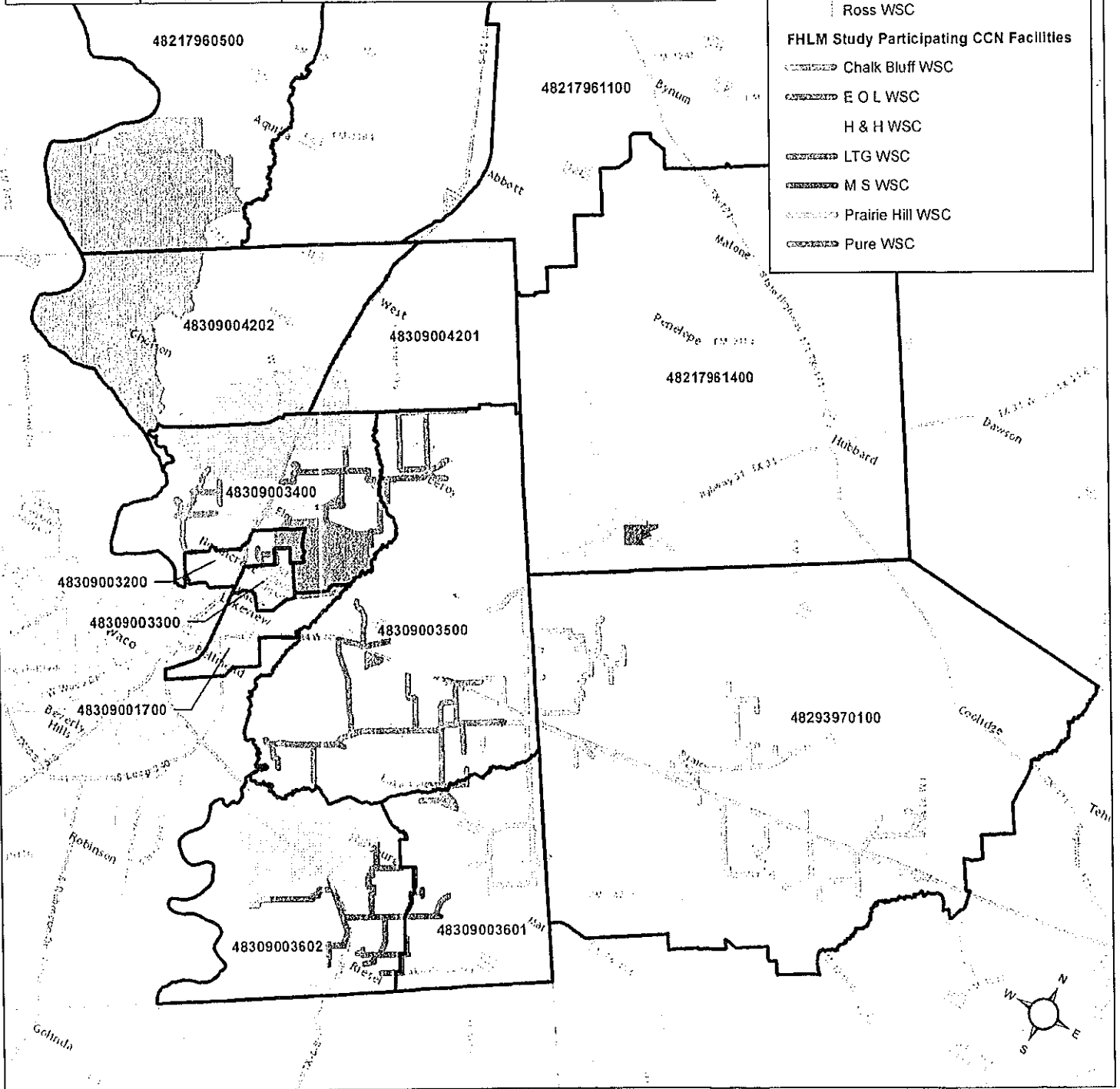
Census Tract No. 48309003601

Median Income: \$40,781.00

Census Tract ID	Median Income	Associated Entities
48309004202	\$46,336	Gholson, Ross
48309004201	\$37,226	Ross
48309003300	\$17,472	Pure
48309003200	\$39,450	Pure
48309001700	\$35,192	Pure
48309003602	\$43,167	H&H, MS
48309003601	\$40,781	MS, EOL, Prairie Hill
48309003500	\$46,422	Moore, EOL, Axtell, Birome, LTG, Prairie Hill
48309003400	\$52,051	Ross, Chalk Bluff, McLennan Co WCID #2, Pure, LTG
48293970100	\$39,615	Birome, Prairie Hill
48217961400	\$41,071	Birome, City of Mount Calm
48217960500	\$50,034	Gholson, Ross
48217961100	\$52,105	Birome

Legend

-  Census Tract
- FHLM Study Participating CCNs**
-  Axtell WSC
-  Birome WSC
-  City of Marlin
-  City of Mount Calm
-  Gholson WSC
-  H&H WSC
-  Moore WSC
-  McLennan County WCID #2
-  Pure WSC
-  Ross WSC
- FHLM Study Participating CCN Facilities**
-  Chalk Bluff WSC
-  E O L WSC
-  H & H WSC
-  LTG WSC
-  M S WSC
-  Prairie Hill WSC
-  Pure WSC



2018 TWDB SWIFT Abridged Application

Phase One

Phase One will provide City of Waco treated surface water to be blended with existing ground water supplies. This is a mitigation measure to reduce arsenic concentrations in the ground water. Blending will result in levels that are within acceptable Federal and State requirements.

These two entities will be included in this phase:

1. Axtell Water Supply Corporation
2. EOL Water Supply Corporation

Water Demand Projections

Average Day/Max Day In MGD

Entity		2010	2015	2020	2025	2030	2035	2040	2045	2050
Axtell WSC	Avg	0.159	0.166	0.172	0.178	0.185	0.192	0.199	0.210	0.217
	Max	0.372	0.389	0.403	0.418	0.433	0.449	0.465	0.485	0.500
EOL WSC	Avg	0.172	0.180	0.189	0.197	0.206	0.216	0.226	0.236	0.245
	Max	0.390	0.408	0.427	0.446	0.467	0.488	0.510	0.525	0.535

Table 1-1: Water Demand Projections – Project Participants

Entity	Average Day Water Demands (MGD)						
	Maximum Day Water Demands (MGD)						
	2010	2015	2020	2025	2030	2035	2040
City of Mart	0.370	0.375	0.388	0.402	0.416	0.431	0.446
	0.830	0.861	0.892	0.923	0.956	0.990	1.025
City of Marlin	1.358	1.385	1.413	1.441	1.470	1.500	1.530
	2.499	2.289	2.069	1.839	1.597	1.625	1.653
City of Mount Calm	0.025	0.025	0.026	0.026	0.027	0.027	0.027
	0.050	0.051	0.051	0.052	0.053	0.054	0.055
Axtell WSC	0.159	0.166	0.172	0.178	0.185	0.192	0.199
	0.372	0.389	0.403	0.418	0.433	0.449	0.465
Birome WSC	0.086	0.089	0.091	0.094	0.097	0.100	0.103
	0.327	0.338	0.349	0.360	0.371	0.382	0.393
Chalk Bluff WSC	0.265	0.286	0.310	0.334	0.361	0.390	0.422
	0.634	0.685	0.740	0.799	0.864	0.933	1.008
EOL WSC	0.172	0.180	0.189	0.197	0.206	0.216	0.226
	0.390	0.408	0.427	0.446	0.467	0.488	0.510
Gholson WSC	0.275	0.280	0.285	0.291	0.296	0.302	0.307
	0.556	0.566	0.576	0.587	0.598	0.609	0.620
H&H WSC	0.148	0.156	0.164	0.172	0.181	0.190	0.200
	0.395	0.415	0.436	0.458	0.482	0.506	0.532
LTG WSC	0.100	0.104	0.109	0.114	0.119	0.124	0.129
	0.191	0.199	0.208	0.217	0.227	0.236	0.247
Moore Water System	0.042	0.042	0.042	0.042	0.042	0.042	0.043
	0.092	0.092	0.093	0.093	0.093	0.094	0.094
M.S. WSC	0.032	0.032	0.032	0.033	0.033	0.033	0.033
	0.070	0.070	0.071	0.071	0.071	0.072	0.072
McLennan Co. WCID No. 2	0.197	0.198	0.199	0.200	0.201	0.202	0.203
	0.350	0.352	0.354	0.356	0.357	0.359	0.361
Prairie Hill WSC	0.142	0.146	0.149	0.153	0.157	0.161	0.165
	0.412	0.423	0.433	0.444	0.455	0.467	0.479
Pure WSC	0.042	0.042	0.042	0.042	0.042	0.042	0.043
	0.092	0.092	0.093	0.093	0.093	0.094	0.094
RMS WSC	0.107	0.115	0.125	0.135	0.146	0.158	0.171
	0.213	0.231	0.250	0.270	0.292	0.316	0.342
Ross WSC	0.204	0.214	0.224	0.235	0.247	0.259	0.272
	0.407	0.427	0.449	0.471	0.494	0.519	0.544
TOTAL	3.723	3.836	3.960	4.091	4.227	4.370	4.519
	7.880	7.888	7.894	7.897	7.903	8.193	8.494

F.H.L.M. Regional W.S.C.

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Birome Water Supply Corporation Route 1 Box 73 Mount Calm, Texas 76673 cb458@sbcglobal.net	Charles Beseda	749-5784
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Cottonwood Water Supply Corporation P. O. Box 569 West, Texas 76691-0569 john.beseda@yahoo.com	John Beseda	744-1891
E. O. L. Water Supply Corporation 1086 South Vicha Axtell, Texas 76624 eolwsc@aol.com	Fred Kubitzza Cassie	744-3388 863-0404
Gholson Water Supply Corporation 12520 Gholson Road Waco, Texas 76705-5609 brandy_michelle@live.com gholson_water_supply@live.com burlshelton@yahoo.com	Burl Shelton	749-0580 fax 829-0931
H & H Water Supply Corporation 192 Old Hallsburg Road Riesel, Texas 76682-3108 ccrum@pioneerboys.com	Chester Crum	875-2244 709-8828

Attachment M

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Non members

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