

**Alliance Regional Water Authority
Board of Directors**

REGULAR MEETING



ALLIANCE WATER

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.

San Marcos Activity Center
501 E. Hopkins Street, San Marcos, TX 78666

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

This Notice is posted pursuant to the Texas Open Meetings Act (Texas Government Code Chapter 551). The Alliance Regional Water Authority (the Authority) Board of Directors will hold a meeting at 3:00 PM, Wednesday, February 28, 2024, at the San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

Members of the public wishing to make public comment during the meeting must be present at the public meeting location. A copy of the agenda packet will be available on the Authority's website at the time of the meeting. Additional information can be obtained by calling Graham Moore at (512) 294-3214.

A. CALL TO ORDER

B. ROLL CALL

C. SEATING OF NEWLY APPOINTED DIRECTOR

C.1 Oath of Office and swearing in of Director

D. PUBLIC COMMENT PERIOD (Note: Each person wishing to speak must register with the Executive Director at info@alliancewater.org before 3:00 p.m.)

E. CONSENT AGENDA

The items included in the Consent Agenda portion of this meeting agenda can be considered and approved by the Board of Directors by one motion and vote. A Board member may request that an item included in the Consent Agenda be considered separately, in which event the Board of Directors will take action on the remaining Consent Agenda items and then consider the item removed from the Consent Agenda.

E.1 Consider approval of minutes of the Regular Meeting held January 24, 2024. ~
Graham Moore, P.E., Executive Director

E.2 Consider approval of the financial report for the period ending January 2024. ~
Graham Moore, P.E., Executive Director

F. PUBLIC HEARINGS / PRESENTATIONS

G. ITEMS FOR DISCUSSION NOT REQUIRING ACTION

G.1 Report on Technical Committee activities. ~ *Graham Moore, P.E., Executive Director*

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- G.2 Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and CAPCOG activities. ~ *Graham Moore, P.E., Executive Director*
- H. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS - Update on future meeting dates, locations, status of Authority procurements, Executive Director activities, other operational activities and the status of legal issues, where no action is required. ~ *Graham Moore, P.E., Executive Director / Mike Gershon, Lloyd Gosselink Rochelle & Townsend, P.C.*
- I. ITEMS FOR ACTION OR DISCUSSION/DIRECTION
- I.1 Consider adoption of Resolution 2024-02-28-001 accepting and approving the Audit Report for the 2022-2023 Financial Audit of the Authority. ~ *Kimberly Roach, Armstrong, Vaughan & Associates*
- I.2 Update and possible direction to Staff regarding construction of the Authority's Phase 1B program. ~ *Toby Flinn, P.E., Pape-Dawson Engineers*
- I.3 Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*
- I.4 Consider adoption of Resolution 2024-02-28-002 awarding a construction contract to McKee Utility Contractors, LLC for the Phase 1B Segment C Pipeline Project, contingent upon approval of the award by the Texas Water Development Board. ~ *Graham Moore, P.E., Executive Director*
- I.5 Consider adoption of Resolution 2024-02-28-003 approving Work Order #6 with BGE, Inc. for Construction Administration Services on the Authority's Phase 1B Segment C Pipeline Project, as recommended by the Technical Committee. ~ *Graham Moore, P.E., Executive Director*
- I.6 Consider adoption of Resolution 2024-02-28-004 approving Work Order #9 with Kimley-Horn & Associates, Inc. for Owner's Representative Services for March 2024 through February 2025 for the Authority's Phase 1B Program, as recommended by the Technical Committee. ~ *Graham Moore, P.E., Executive Director*

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- I.7 Update and possible direction to Staff regarding the Authority's 2024 SWIFT Application. ~ *Graham Moore, P.E., Executive Director*
- I.8 Consider adoption of Resolution 2024-02-28-005 making Appointments of Directors to the Authority's Technical Committee. ~ *Graham Moore, P.E., Executive Director*
- J. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Board Members of future area events and/or requests for item(s) to be placed on a future agenda where no action is required.
- K. EXECUTIVE SESSION
 - K.1 *Executive Session pursuant to the Government Code, Section 551.071 (Consultation with Attorney) and/or Section 551.072 (Real Property Deliberations) regarding:*
 - A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*
 - K.2 Action from Executive Session on the following matters:
 - A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*
- L. ADJOURNMENT

NOTE: *The Board of Directors may meet in Executive Session for any purpose authorized under the Texas Open Meetings Act, Chapter 551 of the Texas Government Code, for any item listed on this agenda or as otherwise authorized by law. An announcement will be made of the basis for Executive Session. The Board of Directors may also publicly discuss any item listed on the agenda for Executive Session.*

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A. CALL TO ORDER

No Backup Information for this Item.

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B. ROLL CALL

NAME	TERM ENDS	PRESENT
Mayor Jane Hughson (San Marcos)	April 2026	
Regina Franke (CRWA - General Manager, Crystal Clear SUD)	April 2026	
Tim Samford (Kyle – Wastewater Treatment Operations Manager)	April 2024	
Blake Neffendorf – Treasurer (Buda – Director of Public Works)	April 2026	
Councilmember Mark Gleason (San Marcos)	April 2025	
Humberto Ramos – Vice Chair (CRWA – Water Resources Director)	April 2024	
Amber Schmeits (Kyle – Assistant City Manager)	April 2024	
Tyler Hjorth (San Marcos – Director, Utilities)	April 2024	
Chris Betz – Chair (CRWA – Project Coordinator, County Line SUD)	April 2025	
Bryan Langley (Kyle – City Manager)	April 2024	
Marcus Naiser (San Marcos – Assistant Director of CIP)	April 2025	
Nick Sherman (CRWA - Green Valley SUD Board Director)	April 2026	
Paul Kite (San Marcos – Asst. Director of Public Services)	April 2025	

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C. SEATING OF NEWLY APPOINTED DIRECTOR

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C.1 Oath of Office and swearing in of Directors

Background/Information

Nick Sherman, a Board Director from Green Valley Special Utility District was recently appointed to replace Pat Allen as a Director on the ARWA Board. Mr. Sherman will be asked to verbally complete the Oath of Office at the meeting.

Attachment(s)

- Alliance Water – Director Oath of Office

Board Decision(s) Needed:

- None.

Oath of Office
ALLIANCE REGIONAL WATER AUTHORITY
Board of Directors

I, _____, do solemnly swear (or affirm) that I have not directly or indirectly paid, offered, or promised to pay, contributed or promised to contribute any money, or valuable thing, or promised any public office or employment, as a reward to secure my appointment or confirmation thereof.

I do solemnly swear (or affirm) that I will faithfully execute the duties of the office of Board Director of the Alliance Regional Water Authority, and will to the best of my ability preserve, protect and defend the constitution and laws of the United States and of this state, so help me God.

Signature

Date

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- D.** PUBLIC COMMENT PERIOD (Note: Each person wishing to speak must register with the Executive Director at info@alliancewater.org before 3:00 p.m.)
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E. CONSENT AGENDA

Items E.1 and E.2 are presented as part of the consent agenda.

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- E.1** Consider approval of minutes of the Regular Meeting held January 24, 2024. ~
Graham Moore, P.E., Executive Director
-

Attachment(s)

- 2024 01 24 Board Meeting Minutes

Board Decision(s) Needed:

- Approval of minutes.



ALLIANCE WATER

Alliance Regional Water Authority

BOARD MEETING

MINUTES

Wednesday, January 24, 2024

The following represents the actions taken by the Board of Directors of the Alliance Regional Water Authority (ARWA) in the order they occurred during the meeting. The Board of Directors convened in a meeting on Wednesday, January 24, 2024 at County Line SUD Offices, 8870 Camino Real, Kyle, TX 78640.

A. CALL TO ORDER.

- **The Alliance Water Board Meeting was called to order at 3:05 p.m. by Mr. Betz.**

B. ROLL CALL.

- **Present: Samford, Neffendorf, Gleason, Hjorth, Betz, Naiser and Kite with Franke joining in Item E, Hughson joining in Item H, Schmeits joining in Item I.1 and Langley sworn in in Item C.1.**
- **Absent: Allen.**

Note: Item C was taken up later in the meeting after Item I.6

D. PUBLIC COMMENT PERIOD

- **None.**

E. CONSENT AGENDA

- E.1 Consider approval of minutes of the Regular Meeting held December 14, 2023.
- E.2 Consider approval of the financial reports for the periods ending November 2023 and December 2023.
- E.3 Consider approval of the Quarterly Investment Report for the period ending December 31, 2023.
- E.4 Consider approval of the Authority's Board meeting schedule for 2024.
- E.5 Consider adoption of Resolution 2024-01-24-001 authorizing, on behalf of the Authority, the Executive Director to enter into Pipeline Crossing Agreements with the Union Pacific Railroad for the Segment C Pipeline.

- **Motion to approve the consent agenda as presented with a change to the minutes to reflect the meeting was called to order by Mr. Betz instead of Mr. Ramos was made by Mr. Ramos, seconded by Mr. Neffendorf and approved on a 7-0 vote.**

F. PUBLIC HEARINGS / PRESENTATIONS

- **None.**

G. ITEMS FOR DISCUSSION NOT REQUIRING ACTION

- G.1 Report on Technical Committee activities.
- G.2 Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and CAPCOG activities.
 - **No items opened.**

H. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS

- **No action.**

I. ITEMS FOR ACTION OR DISCUSSION/DIRECTION

- I.1 Update and discussion regarding the Authority's public relations activities possible direction to staff and consultants.
 - **Kelli Culp with CD&P attended the meeting virtually and provided the public relations update.**
 - **Ms. Schmeits requested that elected officials be offered to attend the ribbon cutting event, including county officials, state representatives and state senators.**
 - **No Action.**
- I.2 Presentation, discussion and possible direction to Staff regarding the Operations and Maintenance Rate & Cost Allocation Study.
 - **Chris Ekrut with NewGen Strategies attended the meeting virtually and presented the Operations and Maintenance Rate & Cost Allocation Study.**
 - **Mr. Ramos requested a breakout for the entities contracted with CRWA.**
 - **Mr. Hjorth asked if the results are within the budget amount provided by GBRA – Mr. Moore confirmed that is within the approved budget).**
 - **No Action.**

- I.3 Update and possible direction to Staff regarding construction of the Authority's Phase 1B program.
- **Mr. Moore provided the Phase 1B Construction Update.**
 - **Mr. Ramos asked if there are any missing electrical equipment – Mr. Moore confirmed that all necessary equipment is available to the contractor.**
 - **No Action.**
- I.4 Consider adoption of Resolution 2024-01-24-002 approving Work Order #8 with Pape-Dawson Engineers, Inc. for Construction Management and Inspection Services on the Authority's Phase 1B program, as recommended by the Technical Committee.
- **Motion to adopt Resolution 2024-01-24-001 approving Work Order #8 with Pape-Dawson as presented was made by Mr. Ramos, seconded by Ms. Schmeits and approved on a 10-0 vote.**
- I.5 Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants.
- **Mr. Sowa provided an update on the Phase 1B Program.**
 - **No Action.**
- I.6 Consider adoption of Resolution 2024-01-24-003 confirming the rankings of the submittals in response to the competitive sealed proposal for the Phase 1B Segment C Project.
- **Motion to adopt Resolution 2024-01-24-003 confirming the rankings of submittals in response to the competitive sealed proposal for the Phase 1B Segment C project was made by Mr. Ramos, seconded by Mr. Samford and approved on a 10-0 vote.**

C. SEATING OF NEWLY APPOINTED DIRECTOR

- C.1 Oath of Office and sweating in of Director.
- **Bryan Langley took the oath of office for Kyle.**
- I.7 Consider adoption of Resolution 2024-01-24-004 authorizing the Executive Director to enter into an Interlocal Agreement with the Guadalupe-Blanco River Authority for design services for the expansion of the Carrizo Water Treatment Plant.
- **Mr. Moore updated the Board on the discussions regarding the Carrizo System Expansion and requested approval of the Interlocal Agreement with GBRA on the expansion.**

- **Mr. Hjorth expressed his concern that the process is out of order, that the Board has not given a definitive vote as to which expansion option, if any, to pursue.**
 - **Mr. Langley noted that Kyle is interested in pursuing the expansion.**
 - **Mr. Moore stated that in order to meet the desired timeline of having the expansion completed by the Summer of 2027 that the effort needs to continue forward.**
 - **The Board directed Mr. Moore to meet with the individual stakeholders and determine options for continuing forward with the expansion.**
 - **Motion to Table action on Resolution 2024-01-24-004 was made by Mr. Neffendorf, seconded by Ms. Schmeits and approved on a 12-0 vote.**
- I.8 Consider adoption of Resolution 2024-01-24-005 approving Work Order #8 with Kimley-Horn & Associates, Inc. for Preliminary Engineering Design of the Authority's Carrizo Water Treatment Plant Expansion.
- **Mr. Moore provided an update on the Request for Qualifications process used that ultimately led to the selection of Kimley-Horn for the preliminary design efforts.**
 - **Motion to adopt Resolution 2024-01-24-005 approving Work Order #8 with Kimley-Horn & Associates for Preliminary Engineering Design of the Carrizo Water Treatment Plant Expansion as presented was made by Mr. Hjorth, seconded by Ms. Schmeits and approved on a 12-0 vote.**
- I.9 Update and possible direction to Staff regarding the Authority's Abridged Application to the Texas Water Development Board for funding from the State Water Implementation Fund of Texas in 2024.
- **Mr. Moore provided an update on the application process.**
 - **No Action.**
- I.10 Consider adoption of Resolution 2024-01-24-006 making Appointments of Directors to the Authority's Technical Committee.
- **Motion to adopt Resolution 2024-01-24-006 appointing Mr. Michael Van Winkle from Kyle as a non-voting member of the Committee and not filling the voting member vacancy was made by Mr. Samford, seconded by Ms. Schmeits and approved on a 12-0 vote.**
- J. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS
- **No discussion.**

- K.1 The Board of Directors recessed into Executive Session at 5:02 p.m. pursuant of the Government Code, Section 551.071, to seek the General Counsel’s advice regarding matters involving attorney-client privilege and Section 551.072 to discuss water supply project partnership options. The Board of Directors reconvened from Executive Session at 5:33 p.m.

- K.2 Action from Executive Session on the following matters:
 - A. Water supply partnership options
 - B. Groundwater leases
 - C. Acquisition of real property for water supply project purposes.
 - **Staff directed to proceed as discussed in Executive Session.**

- L. ADJOURNMENT
 - **Meeting was adjourned at 5:34 p.m. based on the motion by Ms. Schmeits, seconded by Mr. Samford on a 12-0 vote.**

APPROVED: _____, 2024

ATTEST:

Chair, Board of Directors

Secretary, Board of Directors

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Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
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E.2 Consider approval of the financial report for the period ending January 2024. ~
Graham Moore, P.E., Executive Director

Attachment(s)

- January 2024 Financial Report

Board Decision(s) Needed:

- Approval of the financial report.



ALLIANCE WATER

Alliance Regional Water Authority

**Financial Statements
(Compilation)**

**For the One Month Ended and Year-to-Date
January 31, 2024**

Alliance Regional Water Authority

Balance Sheet

02/19/24

As of January 31, 2024

Accrual Basis

	Jan 31, 24
ASSETS	
Current Assets	
Checking/Savings	
1004 · Broadway Bank	
1005 · Broadway Checking (8040)	-236,613.58
1010 · Broadway Savings (4415)	1,170,872.09
	934,258.51
Total 1004 · Broadway Bank	934,258.51
1015 · TexStar	
1015-01 · TexStar (3310)	35,513,532.73
1015-02 · TexStar (0300)	1,215.97
	35,514,748.70
Total 1015 · TexStar	35,514,748.70
1050 · Broadway Bank (Reserved)	
1051 · CRWA Debt Service (2785)	1,770,192.88
1052 · Kyle Debt Service (2787)	1,457,503.40
1055 · San Marcos Debt Service (6390)	504,578.67
1056 · Buda Debt Service (6391)	319,117.70
	4,051,392.65
Total 1050 · Broadway Bank (Reserved)	4,051,392.65
1100 · Escrow Accounts	
1105 · BOKF, Escrow, CRWA Series 2015A	356,068.39
1106 · BOKF, Escrow, Kyle Series 2015B	235,857.75
1111 · BOKF, Escrow, CRWA Series 2019A	1,892,084.88
1112 · BOKF, Escrow, Kyle Series 2019B	1,725,479.23
1113 · BOKF, Escrow, SM Series 2019C	2,196,647.33
1114 · BOKF, Escrow, Buda Series 2019D	310,869.38
1115 · BOKF, Escrow, CRWA Series 2020A	7,311,956.99
1116 · BOKF, Escrow, CRWA 2020A-LM67	8,869,323.36
1117 · BOKF, Escrow, Kyle Series 2020B	6,667,490.00
1118 · BOKF, Escrow, Kyle 2020B-LM68	8,082,752.69
1119 · BOKF, Escrow, SM Series 2020C	8,524,485.78
1120 · BOKF, Escrow, SM 2020C-LM69	10,293,420.13
1121 · BOKF, Escrow, BUDA Series 2020D	1,103,523.16
1122 · BOKF, Escrow, Buda 2020D-LM70	1,450,750.50
1123 · BOKF, Escrow, CRWA Series 2022A	15,330,993.32
1124 · BOKF, Escrow, Kyle Series 2022B	13,971,885.34
1125 · BOKF, Escrow, SM 2022C	17,825,841.26
1126 · BOKF, Escrow, Buda Series 2022D	2,486,230.18
	108,635,659.67
Total 1100 · Escrow Accounts	108,635,659.67
Total Checking/Savings	149,136,059.53
Accounts Receivable	
1201 · Accounts Receivable, GBRA	-32,463,895.89
	-32,463,895.89
Total Accounts Receivable	-32,463,895.89
Total Current Assets	116,672,163.64
Fixed Assets	
1405 · Engineering & Construction Cost	2,406,324.92
1420 · Projects in Progress (Cash)	
1420-01 · Legal Support	68,353.77
1420-02 · Hydrogeologic Support	230,050.52
1420-03 · PCCD Permitting	105,095.16
1420-04 · Kyle Water Model	25,000.00
1420-11 · Legal Support, GBRA	45,251.01
	473,750.46
Total 1420 · Projects in Progress (Cash)	473,750.46

Alliance Regional Water Authority

Balance Sheet

02/19/24

As of January 31, 2024

Accrual Basis

	Jan 31, 24
1430 · Projects in Progress Eng (Cash)	
1430-02 · Engineering - Plumbing Plan	17,663.79
1430-03 · Engineering Fees-ROW	11,594.69
1430-05 · Engineering - Rate Study	50,760.00
1430-06 · DPR Study	59,880.00
1430-07 · Alignment Study	261,120.80
1430-08 · Prelim Engineering-Well Field	65,586.00
1430-09 · GCUWCD Monitoring Wells	129,175.39
1430-10 · 2017 SWIFT Funding Apps	23,107.96
1430-11 · Blanco Basin WW	85,739.00
1430-12 · Phase 1B Programming	107,761.14
1430-13 · ARWA-GBRA MOU Study	15,000.00
1430-14 · Phase 1A GIS	59,840.62
1430-15 · O&M Rate Study	6,812.50
Total 1430 · Projects in Progress Eng (Cash)	894,041.89
1440 · Projects in Prog Eng. (Finance)	
1440-01 · Engineering-Phase 1A Pipeline	540,838.84
1440-02 · Engineering-Phase 1A Pump Stat	1,001,947.66
1440-03 · Engineering-ROW Acquisition	409,243.13
1440-04 · Phase 1A Const Observation	1,439,814.56
1440-05 · Phase 1A-Construction Trailer	82,840.83
1440-06 · Phase 1A Segment A Construction	1,734,150.32
1440-07 · Phase 1A BPS Construction	4,888,392.60
1440-08 · Phase 1A Segment B Construction	3,757,344.92
1440-15 · Land Acquisition Phase 1B	42,691,557.59
1440-16 · Phase 1B-Owners Rep	13,249,436.84
1440-17 · Phase 1B Environmental	3,844,674.07
1440-18 · Phase 1B Segment A Design	3,203,960.30
1440-19 · Phase 1B Segment B Design	2,974,780.16
1440-20 · Phase 1B Segment C Design	3,938,319.09
1440-21 · Phase 1B Segment D Design	3,068,147.12
1440-22 · Phase 1B Segment E Design	2,568,457.86
1440-23 · Phase 1B Land Attorney	5,127,112.49
1440-24 · Phase 1B Hydrogeology	540,941.00
1440-25 · Phase 1B WTP Design	5,849,587.66
1440-26 · Raw Water Infr.	1,688,275.58
1440-27 · Phase 1B Program Survey	3,529,587.91
1440-28 · Phase 1B BPS Design	3,199,043.84
1440-29 · GVEC Construction-in-Aid	1,740,143.30
1440-30 · Phase 1B Inline Tanks	564,335.53
1440-31 · Construction Mgmt & Inspection	12,095,939.65
1440-32 · Phase 1B Construction ARWA Only	3,841,392.95
1440-33 · SCADA Programming	629,795.07
1440-34 · Materials Testing	1,797,561.45
1440-35 · Shared Construction	197,191,076.50
Total 1440 · Projects in Prog Eng. (Finance)	327,188,698.82
1447 · Land & Easements	938,215.70
1448 · Capitalized Interest	
1448-51 · Cap Interest, CRWA Series 2015A	152,369.03
1448-52 · Cap Interest, Kyle Series 2015B	222,143.28
1448-53 · Cap Interest, CRWA Series 2017A	127,269.80
1448-54 · Cap Interest, Kyle Series 2017B	116,100.88
1448-55 · Cap Interest, SM Series 2017C	65,904.35
1448-56 · Cap Interest, Buda Series 2017D	9,576.21
Total 1448 · Capitalized Interest	693,363.55
Total Fixed Assets	332,594,395.34

Alliance Regional Water Authority

Balance Sheet

02/19/24

As of January 31, 2024

Accrual Basis

	Jan 31, 24
Other Assets	
1900 · Deferred Outflow	48,214.34
Total Other Assets	48,214.34
TOTAL ASSETS	449,314,773.32
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	5,537,605.95
Total Accounts Payable	5,537,605.95
Credit Cards	
2006 · Chase Bank VISA Card	5,757.70
Total Credit Cards	5,757.70
Other Current Liabilities	
2100 · Payroll Liabilities	-903.83
2102 · 401(a) Liability	5,553.83
2103 · Net Pension Liability	-16,518.00
2104 · Pension Deferred Inflows	23,905.00
2106 · Accrued Vacation	23,476.42
2300 · Accrued Costs	330,643.18
2350 · Accrued Interest Payable	
2351 · Accrued Int Payable, CRWA 2015A	25,952.49
2352 · Accrued Int Payable, Kyle 2015B	38,258.22
2353 · Accrued Int Payable, CRWA 2017A	104,383.40
2354 · Accrued Int Payable, Kyle 2017B	95,206.16
2355 · Accrued Int Payable, SM 2017C	75,062.32
2356 · Accrued Int Payable, Buda 2017D	10,661.08
2357 · Accrued Int Payable, CRWA 2019A	243,559.65
2358 · Accrued Int Payable, Kyle 2019B	222,250.22
2359 · Accrued Int Payable, SM 2019C	176,864.80
2360 · Accrued Int Payable, Buda 2019D	25,079.73
2361 · Accrued Int Payable, CRWA 2020A	282,628.42
2362 · Accrued Int Payable, Kyle 2020B	257,729.83
2363 · Accrued Int Payable, SM 2020C	179,393.35
2364 · Accrued Int Payable, Buda 2020D	25,405.67
2365 · Accrued Int Payable, CRWA 2022A	284,587.74
2366 · Accrued Int Payable, Kyle 2022B	260,358.45
2367 · Accrued Int Payable, SM 2022C	265,042.46
2368 · Accrued Int Payable, Buda 2022D	37,559.66
Total 2350 · Accrued Interest Payable	2,609,983.65
2499 · BAN Series 2023	46,000,000.00
Total Other Current Liabilities	48,976,140.25
Total Current Liabilities	54,519,503.90
Long Term Liabilities	
2501 · Bond Payable, CRWA Series 2015A	2,645,000.00
2502 · Bond Payable, Kyle Series 2015B	2,885,000.00
2503 · Bond Payable, CRWA Series 2017A	8,535,000.00
2504 · Bond Payable, Kyle Series 2017B	7,785,000.00
2505 · Bond Payable, SM Series 2017C	8,710,000.00
2506 · Bond Payable, Buda Series 2017D	1,235,000.00
2507 · Bond Payable, CRWA Series 2019A	24,285,000.00
2508 · Bond Payable, Kyle Series 2019B	22,155,000.00
2509 · Bond Payable, SM Series 2019C	26,305,000.00
2510 · Bond Payable, Buda Series 2019D	3,730,000.00
2511 · Bond Payable, CRWA Series 2020A	35,645,000.00
2512 · Bond Payable, Kyle Series 2020B	32,505,000.00
2513 · Bond Payable, SM Series 2020C	39,575,000.00

Alliance Regional Water Authority

Balance Sheet

02/19/24

As of January 31, 2024

Accrual Basis

	Jan 31, 24
2514 · Bond Payable, Buda Series 2020D	5,605,000.00
2515 · Bond Payable, CRWA 2022A	14,830,000.00
2516 · Bond Payable, Kyle 2022B	13,520,000.00
2517 · Bond Payable, SM 2022C	17,210,000.00
2518 · Bond Payable, Buda 2022D	2,440,000.00
Total Long Term Liabilities	269,600,000.00
Total Liabilities	324,119,503.90
Equity	
2925 · Net Investment in Capital Asset	56,633,807.98
2950 · Retained Earnings	60,938,731.61
Net Income	7,622,729.83
Total Equity	125,195,269.42
TOTAL LIABILITIES & EQUITY	449,314,773.32

Alliance Regional Water Authority
Profit Loss / Budget vs. Actual
For the One Month and Four Months Ended January 31, 2024

	January 2024	October 2023 January 2024	Annual Budget	Over/Under Budget	% of Annual Budget
Ordinary Income/Expense					
Income					
4010 - Project Contribution					
4011 - City of San Marcos	0.00	0.00	8,424,265.24	-8,424,265.24	0.0%
4012 - City of Kyle	1,352,154.00	1,352,154.00	5,593,354.67	-4,241,200.67	24.17%
4013 - City of Buda	0.00	262,666.38	1,163,980.04	-881,313.66	24.28%
4014 - Canyon Regional Water Authority	0.00	1,495,270.02	6,255,160.83	-4,759,890.81	23.91%
4015 - GBRA	0.00	5,951,497.24	0.00	5,951,497.24	100.0%
Total 4010 - Project Contribution	1,352,154.00	9,081,587.64	21,436,760.78	-12,355,173.14	42.37%
4200 - Shared Water					
4210 - Shared Water, City of Buda	19,858.93	59,576.79	0.00	59,576.79	100.0%
4211 - Shared Water, County Line SUD	0.00	103,538.85	0.00	103,538.85	100.0%
Total 4200 - Shared Water	19,858.93	163,115.64	0.00	163,115.64	100.0%
4250 - Non Potable Water Sales	3,180.55	9,519.98	0.00	9,519.98	100.0%
4300 - Broadway Interest Income					
4311 - City of San Marcos	2,283.34	12,928.61	6,000.00	6,928.61	215.48%
4312 - City of Kyle	1,821.25	9,981.59	9,250.00	731.59	107.91%
4313 - City of Buda	465.90	1,820.25	1,050.00	770.25	173.36%
4314 - Canyon Regional Water Authority	5,172.91	16,043.97	10,250.00	5,793.97	156.53%
Total 4300 - Broadway Interest Income	9,743.40	40,774.42	26,550.00	14,224.42	153.58%
4350 - Escrow Accounts Income					
4351 - BOKF, CRWA Series 2015A	1,532.48	5,980.84	0.00	0.00	100.0%
4352 - BOKF, Kyle Series 2015B	1,015.11	3,961.69	0.00	3,961.69	100.0%
4357 - BOKF, CRWA Series 2019A	8,143.32	31,781.07	0.00	31,781.07	100.0%
4358 - BOKF, Kyle Series 2019B	7,426.27	28,982.62	0.00	28,982.62	100.0%
4359 - BOKF, SM Series 2019C	9,454.12	36,896.77	0.00	36,896.77	100.0%
4360 - BOKF, Buda Series 2019D	1,337.95	5,221.64	0.00	5,221.64	100.0%
4361 - BOKF, CRWA Series 2020A	31,469.84	180,782.46	0.00	180,782.46	100.0%
4362 - BOKF, CRWA Series 2020A-LM67	38,172.57	148,977.35	0.00	148,977.35	100.0%
4363 - BOKF, Kyle Series 2020B	28,696.13	164,847.64	0.00	164,847.64	100.0%
4364 - BOKF, Kyle Series 2020B-LM68	34,787.26	135,765.39	0.00	135,765.39	100.0%
4365 - BOKF, SM Series 2020C	36,688.43	210,597.12	0.00	210,597.12	100.0%
4366 - BOKF, SM Series 2020C-LM69	44,301.72	172,897.79	0.00	172,897.79	100.0%
4367 - BOKF, Buda Series 2020D	4,749.44	28,452.29	0.00	28,452.29	100.0%
4368 - BOKF, Buda Series 2020D-LM70	6,243.87	24,368.14	0.00	24,368.14	100.0%
4369 - BOKF, CRWA Series 2022A	65,982.87	257,513.53	0.00	257,513.53	100.0%
4370 - BOKF, Kyle Series 2022B	60,133.42	234,684.70	0.00	234,684.70	100.0%
4371 - BOKF, SM Series 2022C	76,720.43	299,419.32	0.00	299,419.32	100.0%
4372 - BOKF, Buda Series 2022D	10,700.46	41,761.03	0.00	41,761.03	100.0%
Total 4350 - Escrow Accounts Income	467,555.69	2,012,891.39	0.00	2,006,910.55	100.0%
4370 - TexStar Interest Income					
4371 - City of San Marcos	61,872.20	104,356.98	120,000.00	-15,643.02	86.96%
4372 - City of Kyle	48,604.01	81,978.12	85,000.00	-3,021.88	96.45%
4373 - City of Buda	8,764.94	14,783.42	14,000.00	783.42	105.6%
4374 - Canyon Regional Water Authority	53,297.06	89,893.69	100,000.00	-10,106.31	89.89%
Total 4370 - TexStar Interest Income	172,538.21	291,012.21	319,000.00	-27,987.79	91.23%
4901 - Miscellaneous Income	0.00	0.00	30,000.00	-30,000.00	0.0%
Total Income	2,025,030.78	11,598,901.28	21,812,310.78	-10,219,390.34	53.18%
Expenses					
6000 - Groundwater Reservation Costs					
6000 - Groundwater Reservation Costs	136,442.85	387,351.78	2,905,883.67	-2,518,531.89	13.33%
6010 - Shared Water Costs					
6015 - Shared Water, City of Kyle	4,711.00	14,105.68	0.00	14,105.68	100.0%
6020 - Shared Water, City of San Marcos	43,535.71	140,462.12	0.00	140,462.12	100.0%
Total 6010 - Shared Water Costs	48,246.71	154,567.80	0.00	154,567.80	100.0%
6200 - Plant Operations & Maintenance					
6201 - O&M, General	219,360.97	669,265.93	928,466.61	-259,200.68	72.08%
6240 - O&M, Buda BPS	1,079.70	2,726.45	5,000.00	-2,273.55	54.53%
Total 6200 - Plant Operations & Maintenance	220,440.67	671,992.38	933,466.61	-261,474.23	71.99%
7125 - Auditing fees	0.00	0.00	13,000.00	-13,000.00	0.0%
7210 - Bank Fees	281.72	1,198.30	4,000.00	-2,801.70	29.96%
7220 - Escrow and Paying Agent Fees	0.00	0.00	0.00	0.00	0.0%
7240 - Bond Issue Costs					
7240-16 - Bond Issue Costs - CRWA 2022A	-418.75	-418.75	0.00	-418.75	100.0%
7240-16 - Bond Issue Costs - Kyle 2022B	-966.25	-966.25	0.00	-966.25	100.0%
7240-17 - Bond Issue Costs - SM 2022C	-500.00	-500.00	0.00	-500.00	100.0%
7240-18 - Bond Issue Costs - Buda 2022D	-236.25	-236.25	0.00	-236.25	100.0%
7249 - Bond Issue Costs - Series 2023	0.00	548,505.00	0.00	548,505.00	100.0%
Total 7240 - Bond Issue Costs	-2,121.25	546,383.75	0.00	546,383.75	100.0%
7250 - Interest Expense					
7250-51 - Interest Expense - CRWA 2015A	4,737.84	18,951.36	54,319.00	-35,367.64	34.89%
7250-52 - Interest Expense - Kyle 2015B	6,967.34	27,869.36	82,116.50	-54,247.14	33.94%
7250-53 - Interest Expense - CRWA 2017A	19,003.96	76,015.84	224,726.50	-148,710.66	33.83%
7250-54 - Interest Expense - Kyle 2017B	17,333.04	69,332.16	204,983.00	-135,650.84	33.82%
7250-55 - Interest Expense - SM 2017C	13,690.16	54,760.64	158,676.50	-103,915.86	34.51%
7250-56 - Interest Expense - Buda 2017D	1,944.50	7,778.00	22,526.00	-14,748.00	34.53%
7250-57 - Interest Expense - CRWA 2019A	44,344.20	177,376.80	524,127.50	-346,750.70	33.84%
7250-58 - Interest Expense - Kyle 2019B	40,464.54	161,858.16	478,260.50	-316,402.34	33.84%

Alliance Regional Water Authority
Profit Loss / Budget vs. Actual
For the One Month and Four Months Ended January 31, 2024

	January 2024	October 2023 January 2024	Annual Budget	Over/Under Budget	% of Annual Budget
7250-59 · Interest Expense - SM 2019C	32,256.76	129,027.04	373,944.00	-244,916.96	34.5%
7250-60 · Interest Expense - Buda 2019D	4,574.12	18,296.48	53,019.00	-34,722.52	34.51%
7250-61 · Interest Expense - CRWA 2020A	51,401.28	205,605.12	614,928.50	-409,323.38	33.44%
7250-62 · Interest Expense - Kyle 2020B	46,873.04	187,492.16	560,751.00	-373,258.84	33.44%
7250-63 · Interest Expense - SM 2020C	32,640.20	130,560.80	388,616.50	-258,055.70	33.6%
7250-64 · Interest Expense - Buda 2020D	4,622.50	18,490.00	54,447.00	-35,957.00	33.96%
7250-65 · Interest Expense - CRWA 2022A	52,255.36	209,021.44	559,462.50	-350,441.06	37.36%
7250-66 · Interest Expense - Kyle 2022B	47,820.94	191,283.76	510,090.00	-318,806.24	37.5%
7250-67 · Interest Expense - SM 2022C	48,666.50	194,666.00	521,039.00	-326,373.00	37.36%
7250-68 · Interest Expense - Buda 2022D	6,896.62	27,586.48	73,837.50	-46,251.02	37.36%
Total 7250 · Interest Expense	476,492.90	1,905,971.60	5,459,870.50	-3,553,898.90	34.91%
7325 · Dues	0.00	3,123.00	4,000.00	-877.00	78.08%
7350 · Insurance - Liability, E&O	0.00	5,200.86	15,000.00	-9,799.14	34.67%
7400 · Legal Fees	16,116.77	22,808.39	125,000.00	-102,191.61	18.25%
7410 · Newspaper Public Notices	0.00	368.00	750.00	-382.00	49.07%
7425 · Contract Services-Lobbyist	5,000.00	20,000.00	45,000.00	-25,000.00	44.44%
7430 · Agency Mgmt Public Relations	0.00	8,574.04	75,000.00	-66,425.96	11.43%
7440 · Region L Contributions	0.00	0.00	1,500.00	-1,500.00	0.0%
7450 · Permit & Fees	0.00	90,302.71	100,100.00	-9,797.29	90.21%
7500 · Supplies	512.06	3,836.64	15,000.00	-11,163.36	25.58%
7600 · Telephone, Telecommunications	0.00	378.93	1,500.00	-1,121.07	25.26%
7700 · Travel, Conferences & Meetings	458.82	1,115.44	5,000.00	-3,884.56	22.31%
7900 · Admin Operations - Other	0.00	0.00	2,000.00	-2,000.00	0.0%
7800 · Employee Expenses					
7810 · Salaries and wages	29,076.32	117,179.94	397,993.00	-280,813.06	29.44%
7820 · Auto Allowance	969.24	3,876.96	12,600.00	-8,723.04	30.77%
7821 · Phone Allowance	207.70	830.80	2,700.00	-1,869.20	30.77%
7830 · Payroll taxes	2,297.55	6,955.58	27,441.00	-20,485.42	25.35%
7840 · Employee Insurance	3,726.23	13,253.06	39,895.00	-26,641.94	33.22%
7850 · Retirement	3,551.73	11,276.49	48,561.00	-37,284.51	23.22%
7860 · Licenses & Permits	0.00	0.00	1,700.00	-1,700.00	0.0%
7865 · Mileage Reimbursement	0.00	0.00	800.00	-800.00	0.0%
7867 · Training	0.00	-375.00	0.00	-375.00	100.0%
7870 · Employee Expenses, Other	0.00	0.00	4,000.00	-4,000.00	0.0%
Total 7800 · Employee Expenses	39,828.77	152,997.83	535,690.00	-382,692.17	28.56%
Total Expenses	941,700.02	3,976,171.45	10,241,760.78	-6,809,973.08	38.82%
Net Ordinary Income	1,083,330.76	7,622,729.83	11,570,550.00	-3,409,417.26	65.88%
Other Income/Expense					
Other Expense					
8550 · Bond Principal					
8550-51 · Bond Principal - CRWA 2015A	0.00	0.00	195,000.00	-195,000.00	0.0%
8550-52 · Bond Principal - Kyle 2015	0.00	0.00	100,000.00	-100,000.00	0.0%
8550-53 · Bond Principal - CRWA 2017A	0.00	0.00	275,000.00	-275,000.00	0.0%
8550-54 · Bond Principal - Kyle 2017B	0.00	0.00	250,000.00	-250,000.00	0.0%
8550-55 · Bond Principal - SM 2017C	0.00	0.00	560,000.00	-560,000.00	0.0%
8550-56 · Bond Principal - Buda 2017D	0.00	0.00	80,000.00	-80,000.00	0.0%
8550-57 · Bond Principal - CRWA 2019A	0.00	0.00	760,000.00	-760,000.00	0.0%
8550-58 · Bond Principal - Kyle 2019B	0.00	0.00	695,000.00	-695,000.00	0.0%
8550-59 · Bond Principal - SM 2019C	0.00	0.00	1,520,000.00	-1,520,000.00	0.0%
8550-60 · Bond Principal - Buda 2019D	0.00	0.00	215,000.00	-215,000.00	0.0%
8550-61 · Bond Principal - CRWA 2020A	0.00	0.00	1,115,000.00	-1,115,000.00	0.0%
8550-62 · Bond Principal - Kyle 2020B	0.00	0.00	1,015,000.00	-1,015,000.00	0.0%
8550-63 · Bond Principal - SM 2020C	0.00	0.00	2,195,000.00	-2,195,000.00	0.0%
8550-64 · Bond Principal - Buda 2020D	0.00	0.00	310,000.00	-310,000.00	0.0%
8550-65 · Bond Principal - CRWA 2022A	0.00	0.00	340,000.00	-340,000.00	0.0%
8550-66 · Bond Principal - Kyle 2022B	0.00	0.00	310,000.00	-310,000.00	0.0%
8550-67 · Bond Principal - SM 2022C	0.00	0.00	740,000.00	-740,000.00	0.0%
8550-68 · Bond Principal - Buda 2022D	0.00	0.00	105,000.00	-105,000.00	0.0%
Total 8550 · Bond Principal	0.00	0.00	10,780,000.00	-10,780,000.00	0.0%
Total Other Expense	0.00	0.00	10,780,000.00	-10,780,000.00	0.0%
Net Other Income	0.00	0.00	-10,780,000.00	10,780,000.00	0.0%
Net Income	1,083,330.76	7,622,729.83	790,550.00	292,780.76	964.23%

Alliance Regional Water Authority
Chase VISA Credit Card Transactions
January 2024

Type	Date	Name	Split	Amount	Balance
2006 · Chase Bank VISA Card					18,998.16
Credit Card Charge	12/25/2023	Adobo Acropro	7500 · Supplies	23.99	19,022.15
Credit Card Charge	12/26/2023	Squarespace Inc	7500 · Supplies	30.91	19,053.06
Credit Card Charge	12/30/2023	Verizon	7600 · Telephone, T...	126.31	19,179.37
Credit Card Charge	01/01/2024	Stamps Com	7500 · Supplies	20.19	19,199.56
Credit Card Charge	01/01/2024	Google GSuite	7500 · Supplies	12.79	19,212.35
Credit Card Charge	01/01/2024	Google GSuite	7500 · Supplies	24.51	19,236.86
Credit Card Charge	01/04/2024	Pedernales Electric	6240 · O&M, Buda ...	807.58	20,044.44
Credit Card Charge	01/09/2024	Texas Water	7700 · Travel, Conf...	395.00	20,439.44
Credit Card Charge	01/10/2024	UPS Store	7500 · Supplies	20.00	20,459.44
Credit Card Charge	01/10/2024	Mod Pizza	7700 · Travel, Conf...	34.06	20,493.50
Credit Card Charge	01/10/2024	Rackspace	7500 · Supplies	265.45	20,758.95
Credit Card Charge	01/13/2024	Amtek Information	1440-20 · Phase 1B...	99.99	20,858.94
Credit Card Charge	01/15/2024	Willscot Mobile Mini	1440-05 · Phase 1A...	651.70	21,510.64
Credit Card Charge	01/15/2024	Bluebonnet Electric Coopera...	6201 · O&M, General	1,824.04	23,334.68
Credit Card Charge	01/15/2024	Schmidt & Sons	6240 · O&M, Buda ...	272.12	23,606.80
Check	01/16/2024	Chase	1005 · Broadway C...	-18,998.16	4,608.64
Credit Card Charge	01/16/2024	Rackspace	7500 · Supplies	116.72	4,725.36
Credit Card Charge	01/17/2024	Adobo Acropro	7500 · Supplies	21.64	4,747.00
Credit Card Charge	01/18/2024	Guadalupe Valley Electric C...	6201 · O&M, General	950.18	5,697.18
Credit Card Charge	01/19/2024	Fedex	7500 · Supplies	30.76	5,727.94
Credit Card Charge	01/19/2024	Wingstop	7700 · Travel, Conf...	29.76	5,757.70
Total 2006 · Chase Bank VISA Card				-13,240.46	5,757.70
TOTAL				-13,240.46	5,757.70

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

G.1 Report on Technical Committee activities. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The following items were discussed by the Committee at its 2/14 meeting:

- Received a presentation from STV updating everyone on the status of the TCEQ review of Water Quality parameters and the reporting requirements that TCEQ will require.
- Received a construction update on the Phase 1B projects (Item I.2).
- Approved a change order with MWH Constructors for the installation of heat tracing at the Maxwell Booster Pump Station and Delivery Points in a total amount of \$139,427.33.
- Received an update on the Phase 1B program (Item I.3).
- Received an update on the negotiations with McKee Utility Contractors, LLC for construction of the Segment C project (Item I.4).
- Recommended approval of a Work Order with BGE for construction administration services for the Segment C Project (Item I.5).
- Recommended approval of a Work Order with Kimley-Horn to serve as Owner's Representative Services for March 2024 through February 2025 (Item I.6).
- Received an update on the Authority's 2024 SWIFT Application (Item I.7).
- Received an update on area water meetings (Item G.2).

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- G.2** Update on status of groundwater management in project target area, and Gonzales County Underground Water Conservation District, Plum Creek Conservation District, Groundwater Management Area 13, Region L Planning Group, Guadalupe-Blanco River Authority, Hays County and Capital Area Planning Group activities.

Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD held a meeting on February 13th – no items affecting the Authority were discussed.

Plum Creek Conservation District (PCCD)

The PCCD met on February 20th. They have requested an interlocal agreement with Alliance Water for the crossing of their inundation easement for the Authority's Segment C project. This is currently being drafted by legal counsel

Groundwater Management Area 13

No update.

Region L Planning Group

No update.

Guadalupe-Blanco River Authority; Hays County Activities; CAPCOG Activities

No update.

Board Decision(s) Needed:

- None.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- H. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS - Update on future meeting dates, locations, status of Authority procurements, Executive Director activities, other operational activities and the status of legal issues, where no action is required. ~ *Graham Moore, P.E., Executive Director / Mike Gershon, Lloyd Gosselink Rochelle & Townsend, P.C.*

EXECUTIVE DIRECTOR

- Phase 1C/1D Expansion
Staff has been meeting with the Sponsors to determine which entities are potentially interested in participating in the Phase 1C/1D Expansion. As of February 23rd Staff now has received input from those that were considering their potential interest. Staff is now preparing options for how the expansion can move forward while preserving every Sponsors interests in water supply and cost – information will be presented to the Board in March on this topic.

- Administrative Facility
Staff is meeting with Ardurra Group on February 28th to kickoff the discussions on the scope and fee for the design of the Administrative Facility. The final scope and fee will be brought to the Board for consideration at a future meeting.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.1** Consider adoption of Resolution 2024-02-28-001 accepting and approving the Audit Report for the 2022-2023 Financial Audit of the Authority. ~ *Kimberly Roach, Armstrong, Vaughan & Associates*
-

Background/Information

Armstrong, Vaughan & Associates (AVA) was selected by the Board to provide the financial audit of the Authority. Attached is the full report and the management letter. Kim Roach with AVA will attend the meeting and discuss the audit. Below are the significant outcomes from the audit:

Significant Accounting Policies:

- No matters came to their attention that require notification to the Board.

Significant Accounting Estimates:

- The most sensitive accounting estimate affect the financial statements is the pension related investment return and mortality rates – AVA reviewed and found the key factors and assumptions to be reasonable.

Financial Statement Disclosures:

- There are no sensitive disclosures affecting the Authority's financial statements.

Significant Difficulties Encountered during the Audit:

- None.

Uncorrected and Corrected Misstatements:

- Updated pension balances, contract retainage & timing of GBRA billings.

Disagreements with Management:

- None.

Other Significant Matters, Findings or Issues:

- None.

Other Matters:

- None.

Attachment(s)

- Resolution 2024-02-28-001
- FY 2022-23 Audit Report

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

Board Decision(s) Needed:

- Adoption of Resolution 2024-02-28-001 accepting and approving the Audit Report for the 2022-2023 Financial Audit of the Authority.



ALLIANCE WATER

RESOLUTION NO. 20240228-001

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS ACCEPTING AND APPROVING THE AUDIT REPORT PREPARED BY ARMSTRONG, VAUGHAN & ASSOCIATES, P.C. FOR THE AUTHORITY'S 2022-23 FISCAL YEAR, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (the "Authority") engaged the independent accounting firm of Armstrong, Vaughan & Associates, P.C. of Universal City, Texas to perform an annual audit of the Authority's financial records.
2. Armstrong, Vaughan & Associates, P.C. performed an audit of the Authority's financial records for the 2022-23 fiscal year and has prepared and presented a report of the audit results to the Authority Board of Directors.
3. The Authority Board of Directors wishes to accept and approve the audit report prepared by Armstrong, Vaughan & Associates, P.C.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The audit report prepared by Armstrong, Vaughan & Associates, P.C. for the Authority's 2022-23 fiscal year is accepted and approved.

SECTION 2. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: February 28, 2024

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors



Communication with Those Charged with Governance

To the Board of Directors
Alliance Regional Water Authority

We have audited the basic financial statements of Alliance Regional Water Authority for the years ended September 30, 2023 and 2022. Professional standards require that we advise you of the following matters relating to our audit.

Our Responsibility in Relation to the Financial Statement Audit

As communicated in our engagement letter dated September 20, 2023, our responsibility, as described by professional standards, is to form and express an opinion about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of Alliance Regional Water Authority solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

Planned Scope and Timing of the Audit

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

Compliance with All Ethics Requirements Regarding Independence

The engagement team and others in our firm, as appropriate, have complied with all relevant ethical requirements regarding independence.

Qualitative Aspects of the Entity's Significant Accounting Practices

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by Alliance Regional Water Authority is included in Note A to the financial statements. There have been no initial selections of accounting policies and no changes in significant accounting policies or their application during 2023.

No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

The most sensitive accounting estimate affecting the financial statements is:

1. Pension related investment return and mortality rates

We evaluated the key factors and assumptions used to develop the estimate and determined that it is reasonable in relation to the basic financial statements taken as a whole.

Financial Statement Disclosures

Certain financial statement disclosures involve significant judgment and are particularly sensitive because of their significance to financial statement users. There are no sensitive disclosures affecting Alliance Regional Water Authority's financial statements.

Significant Difficulties Encountered during the Audit

We encountered no difficulties in dealing with management relating to the performance of the audit.

Uncorrected and Corrected Misstatements

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. Further, professional standards require us to also communicate the effect of uncorrected misstatements related to prior periods on the relevant classes of transactions, account balances or disclosures, and the financial statement as a whole. Management has corrected all identified misstatements.

In addition, professional standards require us to communicate to you all material, corrected misstatements that were brought to the attention of management as a result of our audit procedures. We assisted management with entries to update the pension balances, contract retainage and timing of GBRA billings.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to Alliance Regional Water Authority's financial statements or the auditor's report. No such disagreements arose during the course of the audit.

Representations Requested from Management

We have requested certain written representations from management in a separate letter dated February 19, 2024.

Management's Consultations with Other Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

Other Significant Matters, Findings, or Issues

In the normal course of our professional association with Alliance Regional Water Authority, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, operating and regulatory conditions affecting the entity, and operational plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as Alliance Regional Water Authority's auditors.

Other Information in Documents Containing Audited Financial Statements

Pursuant to professional standards, our responsibility as auditors for other information in documents containing Alliance Regional Water Authority's audited financial statements does not extend beyond the financial information identified in the audit report, and we are not required to perform any procedures to corroborate such other information. However, in accordance with such standards, we have read the information and considered whether such information, or the manner of its presentation, was materially consistent with its presentation in the financial statements.

Our responsibility also includes communicating to you any information which we believe is a material misstatement of fact. Nothing came to our attention that caused us to believe that such information, or its manner of presentation, is materially inconsistent with the information, or manner of its presentation, appearing in the financial statements.

With respect to the supplementary information accompanying the financial statements, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Other Matters

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Authority's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

This information is intended solely for the information and use of the Board of Directors and management of Alliance Regional Water Authority and is not intended to be and should not be used by anyone other than these specified parties.

Respectfully,

Armstrong, Vaughan & Associates, P.C.

Armstrong, Vaughan & Associates, P.C.

February 19, 2024



ALLIANCE WATER

ANNUAL FINANCIAL REPORT

**FISCAL YEARS ENDED
SEPTEMBER 30, 2023 AND 2022**



ALLIANCE WATER

ALLIANCE REGIONAL WATER AUTHORITY
 ANNUAL FINANCIAL REPORT
 FOR THE YEAR ENDED SEPTEMBER 30, 2023

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ANNUAL FILING AFFIDAVIT

THE STATE OF TEXAS:

COUNTY OF HAYS:

I, _____, of Alliance Regional Water Authority hereby swear, or affirm, that the District named above has reviewed and approved, at a meeting of the District's Board of Trustees on the ____ day of _____, _____, its annual audit report of the fiscal period ended September 30, 2023, and that copies of the annual audit report have been filed in the District's office located at 630 E. Hopkins, San Marcos, TX 78666.

This annual filing affidavit and the attached copy of the audit report will be submitted to the Texas Commission on Environmental Quality to satisfy the annual filing requirements of the Texas Water Code Section 49.194.

Date: _____, _____ By: _____
(Signature of District Official)

(Typed Name & Title of District Representative)

Sworn to and subscribed to before me this ____ day of _____, _____.

(Signature of Notary)

Commission expires on _____, _____
Notary Public in the State of Texas



Armstrong, Vaughan & Associates, P. C.

Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees
Alliance Regional Water Authority
San Marcos, TX

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying financial statements of the Alliance Regional Water Authority as of and for the years ended September 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise Alliance Regional Water Authority's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of Alliance Regional Water Authority, as of September 30, 2023 and 2022, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Alliance Regional Water Authority and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Alliance Regional Water Authority's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Alliance Regional Water Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Alliance Regional Water Authority's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Alliance Regional Water Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

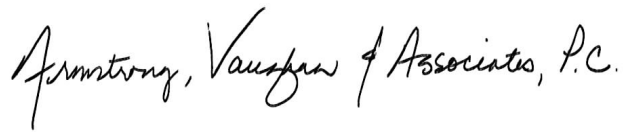
Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, and schedules of changes and contributions for net pension liability as referred to in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Alliance Regional Water Authority's basic financial statements. The supplementary information required by the Texas Commission on Environmental Quality is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information required by the Texas Commission on Environmental Quality is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

A handwritten signature in cursive script that reads "Armstrong, Vaughan & Associates, P.C.".

Armstrong, Vaughan & Associates, P.C.
February 19, 2024

MANAGEMENT’S DISCUSSION AND ANALYSIS

This section of Alliance Regional Water Authority’s annual financial report presents our discussion and analysis of the Authority’s financial performance during the fiscal year ended September 30, 2023. Please read it in conjunction with the Authority’s financial statements, which follow this section.

FINANCIAL HIGHLIGHTS

- The Authority’s total net position was \$146.8 million at September 30, 2023.
- During the year, the Authority’s operating expenses increased 38%, primarily from increased payments for groundwater reservation leases.
- In November 2022, the Authority issued \$48.0 million in bonds to continue development.

AUTHORITY HIGHLIGHTS

- The Authority’s goal is to secure and develop a long-term water supply for the participating government’s communities.
- The Authority has acquired leases for 20,360 surface acres of water. The Authority has also been approved for the production of 16,320 and 4,700 acre feet per year from the Gonzales Underground Water Conservation District and the Plum Creek Conservation District, respectively.
- The Authority has completed work on Phase 1A (an interconnect between Kyle and Buda water systems) and continued work on the Phase 1B (wells, raw water collection system, water treatment plant, pipelines, booster pump and delivery points for all participating governments).
- The Authority entered into a Water Treatment and Transmission Agreement with the Guadalupe-Blanco River Authority (GBRA) in June 2018. The agreement provides that the Authority will own and size the infrastructure (water treatment plant, pipelines and booster pump station) to treat and deliver the Authority’s water along with GBRA’s separate Carrizo rights, with GBRA owning capacity in the shared infrastructure. The agreement increases the economies of scale of the overall project and saves the Authority and GBRA significant capital costs.

OVERVIEW OF THE FINANCIAL STATEMENTS

This annual report consists of three parts—*management’s discussion and analysis* (this section), *the basic financial statements* and *required supplementary information*. The basic financial statements consist of the following statements:

- The *Statement of Net Position* shows the financial standing of the authority as of the end of the year, including all assets and liabilities.
- The *Statement of Revenues, Expenses and Changes in Net Position* provides information about the activity of the Authority during the fiscal year. It reports revenues when incurred, regardless of when they are received, and expenses when incurred, regardless of when they are paid.
- The *Statement of Cash Flows* reports the sources and uses of cash during the fiscal year.

The financial statements also include notes that explain a few of the information in the financial statements and provide more detailed data. The statements are followed by a section of *required supplementary information* that further explains and supports the information in the financial statements.

FINANCIAL ANALYSIS OF THE AUTHORITY

Net position—the difference between the Authority’s assets and liabilities—is one way to measure the Authority’s financial health or *position*. Over time, increases or decreases in the Authority’s net position is an indicator of whether its financial health is improving or deteriorating, respectively.

The Authority’s net position was \$146.8 million at September 30, 2023. Of this amount, \$1.2 million is unrestricted, representing resources available to fund the operations of the Authority next year. (See Table A-1).

Table A-1
Authority's Net Position

	2023	2022	2021
<i>Assets:</i>			
Cash and Investments	\$ 4,447,038	\$ 62,277,556	\$ 25,932,329
Other Current Assets	225,873	463,482	436,680
Other Assets	129,441,937	113,209,465	172,879,702
Capital Assets (Net)	313,751,730	187,380,889	82,604,304
<i>Total Assets</i>	<u>447,866,578</u>	<u>363,331,392</u>	<u>281,853,015</u>
<i>Deferred Outflows</i>	<u>62,396</u>	<u>48,214</u>	<u>42,509</u>
<i>Liabilities:</i>			
Current	42,241,937	54,005,389	16,544,345
Long Term	258,832,448	221,600,000	230,844,067
<i>Total Liabilities</i>	<u>301,074,385</u>	<u>275,605,389</u>	<u>247,388,412</u>
<i>Deferred Inflows</i>	<u>1,768</u>	<u>23,905</u>	<u>2,473</u>
<i>Net Position:</i>			
Net Investment in Capital	144,793,660	56,633,808	7,521,344
Restricted for Debt Service	890,038	1,165,091	1,159,476
Unrestricted	1,169,123	29,951,413	25,823,819
<i>Total Net Position</i>	<u>\$ 146,852,821</u>	<u>\$ 87,750,312</u>	<u>\$ 34,504,639</u>

The Authority's total operating expenses were \$2.8 million, an increase of 38% from the prior year. Operating revenues will begin once the Authority completes construction of the project and begins wholesaling water. Until that time, the participating governments are supporting the operations. (See Table A-2).

Table A-2
Changes in Authority Net Position

	<u>2023</u>	<u>2022</u>	<u>2021</u>
Operating Revenues	\$ 38,300	\$ 41,314	\$ 41,482
Operating Expenses	<u>(2,819,155)</u>	<u>(2,041,803)</u>	<u>(2,216,369)</u>
Operating Income (Loss)	(2,780,855)	(2,000,489)	(2,174,887)
Nonoperating Income	<u>61,883,364</u>	<u>55,246,162</u>	<u>11,212,590</u>
Change in Net Position	59,102,509	53,245,673	9,037,703
Beginning Net Position	<u>87,750,312</u>	<u>34,504,639</u>	<u>25,466,936</u>
Ending Net Position	<u><u>\$ 146,852,821</u></u>	<u><u>\$ 87,750,312</u></u>	<u><u>\$ 34,504,639</u></u>

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

As of September 30, 2023, the Authority had invested \$314 million in land and construction of water infrastructure. Because these projects are not complete and in service yet, no depreciation has been recorded. (See Table A-3). More detailed information about the Authority's capital assets is presented in the notes to the financial statements.

Table A-3
Authority's Capital Assets

	<u>2023</u>	<u>2022</u>	<u>2021</u>
Land and Easements	\$ 43,241,996	\$ 36,649,873	\$ 17,401,569
Construction in Progress	<u>270,509,734</u>	<u>150,731,016</u>	<u>65,202,735</u>
Totals at Historical Cost	<u><u>\$ 313,751,730</u></u>	<u><u>\$ 187,380,889</u></u>	<u><u>\$ 82,604,304</u></u>

Long-Term Debt

At year-end, the Authority had \$270 million in principal outstanding on bonded debt, an increase of \$48.0 million. The participating governments have pledged to contribute amounts to the Authority sufficient to service these debts. More detailed information about the Authority's debt is presented in the notes to the financial statements.

Table A-4
Authority's Long Term Debt

	<u>2023</u>	<u>2022</u>	<u>2021</u>
Bonds Payable	<u>\$269,600,000</u>	<u>\$230,835,000</u>	<u>\$240,030,000</u>

ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS AND RATES

The primary goal for the Alliance Regional Water Authority (Alliance Water) for FY 23-24 is to continue with the development of its 15,000 acre-feet per year Carrizo water supply for its Sponsors scheduled to begin water delivery in 2024. The FY 23-24 budget continues to include collection of debt service from Kyle and Canyon Regional Water Authority for the debt issued in 2015 along with collection from all four Sponsors for the debt issued in 2017, 2019, 2020, 2022 and an anticipated issuance in late 2023. The remaining operations and maintenance expenses are anticipated to be funded through cash payments by the Sponsors at the rates specified in the water supply contract. In June 2018 Alliance Water entered into an agreement with the Guadalupe-Blanco River Authority (GBRA's) for Treatment and Transmission Services for GBRA's Carrizo water to be utilized by GBRA's customers. As part of the agreement, GBRA has agreed to pay for 50% of the design and acquisition costs for the portion of the Phase 1B Program in which they are participating. These payments are a significant source of revenue for Alliance Water.

CONTACTING THE AUTHORITY'S FINANCIAL MANAGEMENT

This financial report is designed to provide a general overview of the Authority's finances and to demonstrate the Authority's accountability for the money it receives. If you have questions about this report or need additional financial information, contact the Graham Moore by mail at Alliance Regional Water Authority, 630 East Hopkins, San Marcos, Texas 78666, phone at (512) 294-3214, or email at gmoore@alliancewater.org.

BASIC FINANCIAL STATEMENTS

The basic financial statements include:

- Statement of Net Position
- Statement of Revenues, Expenses and Changes in Net Position
- Statement of Cash Flows

In addition, the notes to the financial statements are included to provide information that is essential to a user's understanding of the basic financial statements.

ALLIANCE REGIONAL WATER AUTHORITY
STATEMENTS OF NET POSITION
SEPTEMBER 30, 2023 AND 2022

	2023	2022
ASSETS		
<i>Current Assets:</i>		
Cash and Cash Equivalents	\$ 4,447,038	\$ 62,277,556
Receivables - Participating Governments	225,873	463,482
<i>Total Current Assets</i>	4,672,911	62,741,038
<i>Other Assets:</i>		
Restricted Cash for Construction	127,847,887	111,546,575
Restricted Cash for Debt Service	1,594,050	1,646,372
Capital Assets	313,751,730	187,380,889
Net Pension Asset	-	16,518
<i>Total Other Assets</i>	443,193,667	300,590,354
TOTAL ASSETS	447,866,578	363,331,392
DEFERRED OUTFLOWS OF RESOURCES		
Deferred Pension Related Outflows	62,396	48,214
LIABILITIES		
<i>Current Liabilities:</i>		
Accounts Payable	27,212,837	11,471,093
Accrued Groundwater Reservation Payments	330,643	330,643
Accrued Interest, Payable from Restricted Assets	704,012	481,281
Accrued Compensated Absences	31,975	23,476
Transmission and Treatment Agreement Advances	3,182,470	32,463,896
Bonds Payable - Current	10,780,000	9,235,000
<i>Total Current Liabilities</i>	42,241,937	54,005,389
<i>Long-term Liabilities:</i>		
Bonds Payable (net of current)	258,820,000	221,600,000
Net Pension Liability	12,448	-
<i>Total Long-term Liabilities</i>	258,832,448	221,600,000
TOTAL LIABILITIES	301,074,385	275,605,389
DEFERRED INFLOWS OF RESOURCES		
Deferred Pension Related Inflows	1,768	23,905
NET POSITION		
Net Investment in Capital Assets	144,793,660	56,633,808
Restricted for Debt Service	890,038	1,165,091
Unrestricted	1,169,123	29,951,413
TOTAL NET POSITION	\$ 146,852,821	\$ 87,750,312

ALLIANCE REGIONAL WATER AUTHORITY
 STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
 FOR THE YEARS ENDED SEPTEMBER 30, 2023 AND 2022

	2023	2022
Operating Revenues:		
Water Sales	\$ 38,300	\$ 41,314
Total Operating Revenues	38,300	41,314
Operating Expenses:		
Groundwater Reservation Leases	1,769,528	1,269,053
Professional Fees	204,163	214,119
Personnel Costs	468,921	407,495
Permits and Fees	90,090	81,900
Administrative Expenses	36,956	55,614
Plant Operations & Maintenance	249,497	13,622
Total Operating Expenses	2,819,155	2,041,803
Operating Income (Loss)	(2,780,855)	(2,000,489)
Non-Operating Revenues (Expenses):		
Participating Government Contributions	16,943,746	15,695,520
Transmission and Treatment Agreement	44,245,564	42,433,428
Other Income	30,940	5,543
Interest Income	6,869,215	1,036,488
Bond Issue Costs	(888,012)	(30,940)
Interest Expense	(5,318,089)	(3,893,877)
Total Non-Operating Revenues (Expenses)	61,883,364	55,246,162
Change in Net Position	59,102,509	53,245,673
Net Position at Beginning of Year	87,750,312	34,504,639
Net Position at End of Year	\$ 146,852,821	\$ 87,750,312

ALLIANCE REGIONAL WATER AUTHORITY
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED SEPTEMBER 30, 2023 AND 2022

	2023	2022
Cash Flows from Operating Activities		
Cash Received from Customers	\$ 38,300	\$ 41,314
Cash Payments to Suppliers for Goods and Services	(1,882,790)	(1,686,788)
Cash Payments to Employees for Services	(467,775)	(436,028)
Net Cash Provided (Used) by Operating Activities	(2,312,265)	(2,081,502)
Cash Flows from Capital and Related Financing Activities		
Bond Principal Payments	(9,235,000)	(9,195,000)
Proceeds from Bonds Issued	48,000,000	-
Contributions from Participating Governments	17,181,355	15,247,535
Contributions from Interlocal Agreements	14,964,138	75,318,507
Bond Issuance Costs Paid	(888,012)	(30,940)
Cash Paid for Interest	(5,095,358)	(3,900,518)
Purchase of Capital Assets	(111,096,541)	(99,741,641)
Net Cash Provided (Used) by Capital Financing Activities	(46,169,418)	(22,302,057)
Cash Flows from Investing Activities		
Interest and Investment Income	6,869,215	1,036,488
Other Cash Receipts	30,940	5,543
Net Cash Provided (Used) by Investing Activities	6,900,155	1,042,031
 Net Increase (Decrease) in Cash and Cash Equivalents	 (41,581,528)	 (23,341,528)
Beginning Cash		
Cash and Cash Equivalents	62,277,556	25,932,329
Restricted Cash	113,192,947	172,879,702
	175,470,503	198,812,031
Ending Cash		
Cash and Cash Equivalents	4,447,038	62,277,556
Restricted Cash	129,441,937	113,192,947
	\$ 133,888,975	\$ 175,470,503

ALLIANCE REGIONAL WATER AUTHORITY
STATEMENTS OF CASH FLOWS (CONT.)
FOR THE YEARS ENDED SEPTEMBER 30, 2023 AND 2022

	2023	2022
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities		
Operating Income (Loss)	\$ (2,780,855)	\$ (2,000,489)
Adjustments to Reconcile Income from Operations to Net Cash Provided by Operating Activities:		
Change in Assets and Liabilities:		
(Increase) Decrease in Pension Deferred Outflows	(14,182)	(5,705)
Increase (Decrease) in Accounts Payable	467,444	(52,480)
Increase (Decrease) in Accrued Compensated Absences	8,499	(18,675)
Increase (Decrease) in Net Pension Liability (Asset)	28,966	(25,585)
Increase (Decrease) in Pension Deferred Inflows	(22,137)	21,432
Net Cash Provided (Used) by Operating Activities	\$ (2,312,265)	\$ (2,081,502)

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS
SEPTEMBER 30, 2023 AND 2022

NOTE A -- SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Hays Caldwell Public Utility Agency (the HCPUA) was incorporated January 2007 pursuant to the provisions of Chapter 572, Texas Local Government Code, Public Utility Agencies for Provision of Water or Sewer Service. In 2017, the HCPUA was formally converted to the Alliance Regional Water Authority (the Authority). The conversion assigned all assets, liabilities, and all other rights and obligations of the HCPUA to the Authority. The Authority was organized to aid, assist, and act on behalf of the organizing participants, collectively and individually, to achieve economies of scale in providing essential water and sewage systems to the public, and provide environmentally sound protection of the State's future water and wastewater needs.

The organizing sponsors (the Sponsors) are the City of San Marcos, City of Buda, City of Kyle and Canyon Regional Water Authority.

The Authority meets the criteria of a joint venture between the Sponsors with an ongoing financial responsibility. The Sponsors have pledged revenues from existing water utility systems to finance the operations and long-term debt of the Authority, either through purchasing water from the Authority or subsidizing through direct payments (reflected as "Contributions from Participating Governments"). The Authority is actively pursuing the development of alternate water sources. The financial statements of the Authority have been prepared in conformity with generally accepted accounting principles (GAAP) as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The more significant of the Authority's accounting policies are described below:

1. REPORTING ENTITY

In evaluating how to define the government for financial purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth in GASB Statement 14, "The Financial Reporting Entity" and GASB Statement 39 "Determining Whether Certain Organizations are Component Units". The definition of the reporting entity is based primarily on the concept of financial accountability. A primary government is financially accountable for the organizations that make up its legal entity. It is also financially accountable for legally separate organizations if its officials appoint a voting majority of an organization's governing body and either it is able to impose its will on that organization or there is a potential for the organization to provide specific financial benefits to, or to impose specific financial burdens on, the primary government. The Authority has no component units.

2. ENTERPRISE FUND

The Authority is an enterprise fund. Enterprise funds are proprietary funds used to account for business-type activities provided to the general public or other governmental entities. The activities are financed by charges to member entities and the measurement of financial activity focuses on net income similar to the private sector. Revenues are recognized when earned, and expenses are recognized when incurred.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE A -- SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

3. MEASUREMENT FOCUS, BASIS OF ACCOUNTING, AND FINANCIAL STATEMENT PRESENTATION

Revenues are classified as *operating* and *non-operating*. Operating revenues include charges to member entities for water pursuant to their contractual agreements. Non-operating revenues are expense reimbursements from member entities, interest income, and other revenues not related to the sale of wholesale water.

When both restricted and unrestricted resources are available for use, it is the Authority's policy to use restricted resources first, then unrestricted resources as they are needed.

4. CASH AND INVESTMENTS

State statutes authorize the Authority to invest in (a) obligations of the United States or its agencies, and instrumentalities; (b) direct obligations of the State of Texas or its agencies; (c) other obligations, the principal and interest of which are unconditionally guaranteed or insured by the State of Texas or the United States; (d) obligations of states, agencies, counties, cities, and other political subdivisions of any state having been rated as to investment quality by a nationally recognized investment rating firm and having received a rating of not less than A or its equivalent; (e) certificates of deposit by state and national banks domiciled in this state that are (i) guaranteed or insured by the Federal Deposit Insurance Corporation, or its successor; or, (ii) secured by obligations that are described by (a) – (e). Statutes also allow investing in local government investment pools organized and rated in accordance with the Interlocal Cooperation Act, whose assets consist exclusively of the obligations of the United States or its agencies and instrumentalities and repurchase assessments involving those same obligations.

Investments are stated at fair value (plus accrued interest) except for money market investments and participating interest-earning investment contracts (U.S. Treasuries) that have a remaining maturity at time of purchase of one year or less. Those investments are stated at amortized cost, which approximates fair value.

The Authority reports investments at fair value based on the hierarchy established by generally accepted accounting principles. The fair value hierarchy, which has three levels, is based on the valuation inputs used to measure an asset's fair value: Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The Authority's investments in pools and money market funds are reported at an amount determined by the fair value per share of the pool's underlying portfolio, unless the pool is 2a7-like, in which case they are reported at share value. A 2a7-like pool is one which is not registered with the Securities and Exchange Commission as an investment company, but nevertheless has a policy that it will, and does, operate in a manner consistent with the SEC's Rule 2a7 of the Investment Company Act of 1940.

The Authority considers cash and cash equivalents to be amounts in checking accounts, savings accounts, money market accounts, local government investment pools and certificates of deposit with a maturity date within three months or less from the date of purchase.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE A -- SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

5. ACCOUNTS RECEIVABLE

Accounts receivable consists of amounts due from member entities. Participating governments are billed a flat amount each year based on budgeting operating costs plus a provision for either debt service or cash requirements of construction projects. Any budgeted amounts unpaid at year end are recorded as a receivable on the statement of net position. Interlocal agreements with other governments are treated similarly.

6. PREPAID EXPENSES

Expenses paid during the year that have a benefit beyond the current fiscal year are recorded on the balance sheet as prepaid expenses.

7. GROUNDWATER LEASE ACQUISITION COSTS

Costs incurred to purchase or reserve groundwater (leases) for future consumption are capitalized. Those costs consist of incentive payments to landowners and professional fees for contract negotiations. The costs are being amortized over an estimated 10-year minimum lease term.

8. CAPITAL ASSETS

The Authority is in the process of constructing assets to develop potable water sources. All costs related to the projects are capitalized. Once placed in service, the assets will be depreciated. Donated capital assets are recorded at estimated fair market value at the date of donation.

The Costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets' lives are not capitalized. Purchases in excess of \$5,000 with a useful life in excess of one year are capitalized and depreciated using the straight-line method. Lives have not been estimated as they have not yet been placed in service.

9. DEFERRED INFLOWS AND OUTFLOWS

A deferred outflow of resources is a consumption of net position that is applicable to a future reporting period while a deferred inflow of resources is an acquisition of net position. These items are presented in separate sections following assets (deferred outflows) or liabilities (deferred inflows) on the statement of net position.

10. LONG-TERM OBLIGATIONS

Bonds, notes and capital leases are recorded as liabilities on the statement of net position. Bond issue costs are expensed in the period they are incurred. Bonds payable are reported net of the applicable bond premium or discount.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE A -- SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

11. PENSIONS

The net pension liability, deferred inflows, and outflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Texas County District Retirement System (TCDRS), and additions to and deductions from TCERS's fiduciary net position have been determined on the same basis as they are reported by TCERS. For this purpose, benefit payments (including refund of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

12. NET POSITION

Net position represents the difference between assets and liabilities. Net investment in capital assets consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowing used for the acquisition, construction or improvements of those assets, and adding back unspent proceeds. Net position is reported as restricted when there are limitations imposed on their use either through the enabling legislation adopted by the Authority or through external restrictions imposed by creditors, grantors, or laws or regulations of other governments. When expenses qualify for restricted and unrestricted resources, the Authority's policy is to use restricted resources first.

13. USE OF ESTIMATES

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

14. RECLASSIFICATIONS

Certain transactions are classified differently on the September 30, 2023 financial statements than previous fiscal years. These reclassifications had no effect on net income.

NOTE B -- CASH AND INVESTMENTS

1. Cash and Cash Equivalents

The Authority's funds are deposited and invested under the terms of a depository contract. The depository bank deposits for safekeeping and trust with the Authority's agent bank approved pledge securities in an amount sufficient to protect Authority funds on a day-to-day basis during the period of the contract. The pledge of approved securities is waived only to the extent of the depository bank's dollar amount of Federal Deposit Insurance Corporation ("FDIC") insurance. At September 30, 2023, the Authority's bank deposits were fully covered by a combination of federal deposit insurance and pledged securities.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE B -- CASH AND INVESTMENTS (Continued)

2. Investments

The Authority had the following investments included in cash and cash equivalents:

	Balances at		Rating
	9/30/23	9/30/22	
TexStar Local Government Pool	\$ 3,089,205	\$ 60,940,168	AAAm
Money Market Funds	127,847,887	111,546,575	AAAm
	<u>\$ 130,937,092</u>	<u>\$ 172,486,743</u>	

Both TexStar and the money market funds report in a manner consistent with Rule 2a7. Therefore, the investments are reported at \$1 per share, which approximates fair value. These investments are reported in cash and cash equivalents. The Authority was not exposed to significant investment rate, credit, or custodial credit risks.

3. Investment Compliance

The Authority is required by the Public Funds Investment Act to adopt an investment policy defining authorized investments, name an investment officer, obtain required training and regular reporting of investment activities. The Authority has complied with the requirements in the Public Funds Investment Act.

NOTE C -- CAPITAL ASSETS

Capital asset activity for the year ended September 30, 2023 was as follows:

	Balances at		Transfers/ Disposals	Balances at
	10/1/22	Additions		9/30/2023
Land and Easements	\$ 36,649,873	\$ 6,592,123	-	\$ 43,241,996
Construction in Progress	150,731,016	119,778,718		270,509,734
Capital Assets, Net	<u>\$ 187,380,889</u>	<u>\$ 126,370,841</u>	<u>-</u>	<u>\$ 313,751,730</u>

Land and Construction in Progress are not depreciated.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE D -- LONG-TERM DEBT

The Authority's long-term debt consists of bonds with interest payable on February 15 and interest and principal payable on August 15 of each year.

Series Name	Original Issue		Interest Rate	Maturity Date
	Amount	Date		
<i>2015 Contract Revenue Bonds</i>				
2015A Canyon Regional Water Authority	\$ 3,960,000	11/15/2015	0.38-2.41%	2035
2015B City of Kyle	3,530,000	11/15/2015	0.45-3.21%	2045
<i>2017 Contract Revenue Bonds</i>				
2017A Canyon Regional Water Authority	9,865,000	11/22/2017	0.77-3.08%	2047
2017B City of Kyle	8,995,000	11/22/2017	0.77-3.08%	2047
2017C City of San Marcos	11,450,000	11/22/2017	0.63-2.29%	2037
2017D City of Buda	1,625,000	11/22/2017	0.63-2.29%	2037
<i>2019 Contract Revenue Bonds</i>				
2019A Canyon Regional Water Authority	26,530,000	11/20/2019	1.02-2.70%	2049
2019B City of Kyle	24,200,000	11/20/2019	1.02-2.70%	2049
2019C City of San Marcos	30,800,000	11/20/2019	0.84-1.94%	2039
2019D City of Buda	4,370,000	11/20/2019	0.84-1.94%	2039
<i>2020 Contract Revenue Bonds</i>				
2020A Canyon Regional Water Authority	37,865,000	11/20/2020	0.14%-2.48%	2050
2020B City of Kyle	34,530,000	11/20/2020	0.14%-2.48%	2050
2020C City of San Marcos	43,955,000	11/20/2020	0.12%-1.55%	2040
2020D City of Buda	6,225,000	11/20/2020	0.12%-1.55%	2040
<i>2022 Contract Revenue Bonds</i>				
2022A Canyon Regional Water Authority	14,830,000	11/16/2022	2.78%-4.17%	2052
2022B City of Kyle	13,520,000	11/16/2022	2.78%-4.17%	2052
2022C City of San Marcos	17,210,000	11/16/2022	2.43%-3.60%	2042
2022D City of Buda	2,440,000	11/16/2022	2.43%-3.60%	2042

All of the Authority's bonds are private placements without subjective acceleration clauses or significant events of default with finance related consequences.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE D -- LONG-TERM DEBT (Continued)

The Authority's long-term debt activity as of and for the year ending September 30, 2023 is as follows:

Bond Series	Balance			Balance	
	Outstanding 10/1/2022	Additions	Retirements	Outstanding 9/30/2023	Due Within One Year
2015A	\$ 2,840,000	\$ -	\$ (195,000)	\$ 2,645,000	\$ 195,000
2015B	2,980,000	-	(95,000)	2,885,000	100,000
2017A	8,805,000	-	(270,000)	8,535,000	275,000
2017B	8,030,000	-	(245,000)	7,785,000	250,000
2017C	9,265,000	-	(555,000)	8,710,000	560,000
2017D	1,315,000	-	(80,000)	1,235,000	80,000
2019A	25,040,000	-	(755,000)	24,285,000	760,000
2019B	22,845,000	-	(690,000)	22,155,000	695,000
2019C	27,815,000	-	(1,510,000)	26,305,000	1,520,000
2019D	3,945,000	-	(215,000)	3,730,000	215,000
2020A	36,755,000	-	(1,110,000)	35,645,000	1,115,000
2020B	33,520,000	-	(1,015,000)	32,505,000	1,015,000
2020C	41,765,000	-	(2,190,000)	39,575,000	2,195,000
2020D	5,915,000	-	(310,000)	5,605,000	310,000
2022A	-	14,830,000	-	14,830,000	340,000
2022B	-	13,520,000	-	13,520,000	310,000
2022C	-	17,210,000	-	17,210,000	740,000
2022D	-	2,440,000	-	2,440,000	105,000
Totals	<u>\$ 230,835,000</u>	<u>\$ 48,000,000</u>	<u>\$ (9,235,000)</u>	<u>\$ 269,600,000</u>	<u>\$ 10,780,000</u>

The annual requirements to amortize all debt outstanding as of September 30, 2023, including interest payments, are as follows:

Year End September 30,	Principal Payments	Interest Payments	Total
2024	\$ 10,780,000	\$ 5,460,461	\$ 16,240,461
2025	10,855,000	5,362,646	16,217,646
2026	10,950,000	5,259,131	16,209,131
2027	11,060,000	5,145,432	16,205,432
2028	11,170,000	5,020,389	16,190,389
2029-2033	57,910,000	22,790,052	80,700,052
2034-2038	61,585,000	17,294,252	78,879,252
2039-2043	45,400,000	10,735,173	56,135,173
2044-2048	35,455,000	5,344,640	40,799,640
2049-2052	14,435,000	909,000	15,344,000
Total	<u>\$ 269,600,000</u>	<u>\$ 83,321,176</u>	<u>\$ 352,921,176</u>

ALLIANCE REGIONAL WATER AUTHORITY
 NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
 SEPTEMBER 30, 2023

NOTE E -- GROUNDWATER LEASES

The Authority has contracted to purchase water from several landowners. Each contract stipulates an initial term with extensions for as long as the Authority makes the lease payments. Initial costs to acquire these leases are amortized over the initial term. The Authority intends to maintain these leases in perpetuity. Future minimum lease payments under current conditions are \$1.6 million per year.

NOTE F -- SPONSORING GOVERNMENTS

The sponsoring governments have pledged revenues to support the budgeted operating costs and debt service of the Authority based on their anticipated usage of the resulting water produced from the project. Because the Authority is still constructing its plant, no water has been sold other than non-potable water. Contributions from the sponsoring governments are broken down as follows:

Sponsoring Government	Share
City of San Marcos	35.86%
Canyon Regional Water Authority	30.89%
City of Kyle	28.17%
City of Buda	5.08%
Total	100%

NOTE G – TRANSMISSION AND TREATMENT INTERLOCAL AGREEMENT

In 2018, the Authority reached an agreement with Guadalupe Blanco River Authority (GBRA) for the use of Authority plant pipelines and treatment facilities. The agreement involves increasing the capacity of the Authority’s system to treat and transmit GBRA water. In exchange, GBRA has agreed to fund a portion of the construction costs and ongoing operational costs once in production. A portion of the plant capacity will be reserved for GBRA’s use. GBRA is billed their pro-rata share of construction costs as they are incurred. Any payments in excess of these costs are shown as a liability on the statement of net position.

NOTE H -- TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM

Plan Description

The Authority participates as one of 830 plans in the nontraditional, defined benefit pension plan in the statewide Texas County and District Retirement System (TCDRS). TCDRS is an agency created by the state of Texas and administered in accordance with the TCDRS Act as an agent multiple-employer retirement system for County and District employees in the State of Texas. The Board of Trustees of TCDRS is responsible for the administration and management of the system. TCDRS in the aggregate issues a annual comprehensive financial report (ACFR) on a calendar year basis. The ACFR is available upon written request from the TCDRS Board of Trustees at PO Box 2034, Austin, Texas 78768-2034.

ALLIANCE REGIONAL WATER AUTHORITY
 NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
 SEPTEMBER 30, 2023

NOTE H -- TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM (Cont.)

The plan provisions are adopted by the governing body of the Authority, within the options available in the state statutes governing TCDRS. Members can retire at age 60 and above with 8 or more years of service or with 20 years regardless of age or when the sum of their age and years of service equals 75 or more. A member is vested after 8 years but must leave his accumulated contributions in the plan. Members who withdraw their personal contributions in a partial lump sum are entitled to any amounts contributed by the employer.

Benefit amounts are determined by the sum of the employee's contributions to the plan, with interest, and employer-financed monetary credits. The level of these monetary credits is adopted by the governing body of the Authority within the actuarial constraints imposed by the TCDRS Act so the resulting benefits can be expected to be adequately financed by the employer's commitment to contribute. At retirement, death or disability, the benefit is calculated by converting the sum of the employee's accumulated contributions and the employer-financed monetary credits to a monthly annuity using annuity purchase rates prescribed by the TCDRS Act.

Contributions

The Authority has elected the annually determined contribution rate plan provisions of the TCDRS Act. The plan is funded by monthly contributions from both employee members and the employer based on the covered payroll of employee members. Under the TCDRS Act, the contribution rate of the Authority is actuarially determined annually. The Authority contributed using the actuarially determined rate of 8.40% and 8.43% for the calendar years of 2022 and 2023, respectively.

The contribution rate payable by the employee members is 5% and the Authority matches 2 to 1 as adopted by the governing body of the Authority. The employee deposit rate and the employer contribution rate may be changed by the governing body of the employer within the options available in the TCDRS Act.

Benefits Provided

TCDRS provides retirement, disability, and death benefits. Benefit provisions are adopted by the governing body of the Authority, within the options available in the state statutes governing TCDRS. At retirement, the benefit is calculated as if the sum of the employee's contributions, with interest, and the Authority-financed monetary credits with interest were used to purchase an annuity. Members may choose to receive their retirement benefit in one of seven payment options. Members may choose to receive a portion of their benefit as a Partial Lump Sum Distribution in an amount equal to 12, 24, or 36 monthly payments, which cannot exceed 75% of the member's deposits and interest.

At the December 31, 2022 valuation and measurement date, the following employees were covered by the benefit terms:

	12/31/2022
Inactive Employees Receiving Benefits	0
Inactive Employees	0
Active Employees	4
	4

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE H -- TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM (Cont.)

Net Pension Liability

The Authority's Net Pension Liability (NPL) was measured as of December 31, 2022, and the Total Pension Liability (TPL) used to calculate the Net Pension Liability was determined by an actuarial valuation as of that date.

Actuarial Assumptions

The Total Pension Liability in the December 31, 2022 actuarial valuation was determined using the following actuarial assumptions:

Real rate of return	5.00%
Inflation	2.50%
Long-term Investment return	7.50%

The long-term expected rate of return on TCDRS assets is determined by adding expected inflation to expected long-term real returns, and reflecting expected volatility and correlation. The long-term expected rate of return on pension plan investments is 7.50%. The pension plan's policy in regard to the allocation of invested assets is established and may be amended by the TCDRS Board of Trustees. Plan assets are managed on a total return basis with an emphasis on both capital appreciation as well as the production of income, in order to satisfy the short-term and long-term funding needs of TCDRS.

The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Expected Real Rate of Return (Geometric)
US Equities	11.5%	4.95%
Global Equities	2.5%	4.95%
International Equities - Developed	5.0%	4.95%
International Equities - Emerging	6.0%	4.95%
Investment-Grade Bonds	3.0%	2.40%
Strategic Credit	9.0%	3.39%
Direct Lending	16.0%	6.95%
Distressed Debt	4.0%	7.60%
REIT Equities	2.0%	4.15%
Master Limited Partnerships (MLPs)	2.0%	5.30%
Private Real Estate Partnerships	6.0%	5.70%
Private Equity	25.0%	7.95%
Hedge Funds	6.0%	2.90%
Cash Equivalents	2.0%	0.20%
	100.0%	

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE H -- TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM (Cont.)

Discount Rate

The discount rate used to measure the Total Pension Liability was 7.60%. The projection of cash flows used to determine the discount rate assumed that employee and employer contributions will be made at the rates specified in statute. Based on that assumption, the pension plan's Fiduciary Net Position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the Total Pension Liability.

The following presents the net pension liability of the Authority, calculated using the discount rate of 7.60%, as well as what the Authority's net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Discount Rate 6.60%	Discount Rate 7.60%	Discount Rate 8.60%
Net Pension Liability (Asset)	\$ 69,368	\$ 12,448	\$ (34,794)

Changes in Net Pension Liability

The below schedule presents the changes in the Net Pension Liability (Asset) as of December 31, 2022:

	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability (Asset)
Balance at December 31, 2021	\$ 235,399	\$ 251,917	\$ (16,518)
Changes for the year:			
Service Cost	44,361	-	44,361
Interest on total pension liability	21,262	-	21,262
Change of Benefit Terms	-	-	-
Economic/Demographic gains or losses	(1,476)	-	(1,476)
Changes of Assumptions	-	-	-
Refund of Contributions	-	-	-
Benefit Payments	-	-	-
Administrative Expense	-	(168)	168
Member Contributions	-	17,808	(17,808)
Net Investment Income	-	(18,800)	18,800
Employer Contributions	-	29,474	(29,474)
Other	-	6,867	(6,867)
Net Changes	64,147	35,181	28,966
Balance at December 31, 2022	\$ 299,546	\$ 287,098	\$ 12,448

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE H -- TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM (Cont.)

Plan Fiduciary Net Position

Detailed information about the pension plan's Fiduciary Net Position is available in a separately-issued TCDRS financial report. That report may be obtained at www.tcdrs.com.

Pension Expense and Deferred Outflows/Inflows of Resources Related to Pensions

For the year ended September 30, 2023, the Authority recognized pension expense of \$23,786. Also as of September 30, 2023, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows Outflows of of Resources	Deferred Inflows Inflows of of Resources
Differences between Expected and Actual Economic Experience	\$ 10,338	\$ 1,729
Changes in Actuarial Assumptions	13,763	39
Net difference between projected and Actual Earnings	14,003	-
Contributions Subsequent to the Measurement Date	24,292	-
	\$ 62,396	\$ 1,768

Deferred outflows of resources in the amount of \$24,292 result from contributions subsequent to the measurement date, and will be recognized as a reduction of the net pension liability for the plan year ending December 31, 2023. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows:

For the Year ended December 31,		
	2023	\$ 2,582
	2024	3,625
	2025	3,882
	2026	9,350
	2027	1,359
	Thereafter	15,538
		\$ 36,336

NOTE I -- LITIGATION

The Authority acquires a significant amount of easements and real property to support pipelines. Legal proceedings are required in certain cases of condemnation. However, management and legal counsel are not aware of any litigation that will have a material effect on the Authority's financial position.

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BASIC FINANCIAL STATEMENTS (CONTINUED)
SEPTEMBER 30, 2023

NOTE J -- COMMITMENTS

As of September 30, 2023, the Authority had several contracts in place as follows:

	Total Commitment	Expended to Date	Estimated Remaining
Engineering & Right of Way	\$ 22,034,391	\$ 8,248,528	\$ 13,785,863
Construction	245,222,364	181,173,971	64,048,393
	\$ 267,256,755	\$ 189,422,499	\$ 77,834,256



ALLIANCE WATER

REQUIRED SUPPLEMENTARY INFORMATION

ALLIANCE REGIONAL WATER AUTHORITY
BUDGETARY COMPARISON SCHEDULE
FOR THE YEAR ENDED SEPTEMBER 30, 2023

	<u>Budget Amounts</u>		Actual Results (Budgetary Basis)	Variance With Final Budget- Positive (Negative)
	<u>Original</u>	<u>Final</u>		
Operating Revenues:				
Water Sales	\$ 31,600	\$ 31,600	\$ 38,300	\$ 6,700
Total Operating Revenues	<u>31,600</u>	<u>31,600</u>	<u>38,300</u>	<u>6,700</u>
Operating Expenses:				
Groundwater Reservation Leases	1,520,471	1,520,471	1,769,528	(249,057)
Professional Fees	258,000	258,000	204,163	53,837
Personnel Costs	735,300	735,300	460,422	274,878
Permits and Fees	91,000	91,000	90,090	910
Administrative Expenses	61,300	61,300	36,956	24,344
Plant Operations & Maintenance	32,750	32,750	249,497	(216,747)
Total Operating Expenses	<u>2,698,821</u>	<u>2,698,821</u>	<u>2,810,656</u>	<u>(111,835)</u>
Operating Income (Loss)	<u>(2,667,221)</u>	<u>(2,667,221)</u>	<u>(2,772,356)</u>	<u>(105,135)</u>
Non-Operating Revenues (Expenses)				
Participating Government Contributions	16,940,242	16,940,242	16,943,746	3,504
Interest Income	63,430	63,430	6,869,215	6,805,785
Other Income	-	-	30,940	30,940
Debt Service	(14,190,240)	(14,190,240)	(14,330,358)	(140,118)
Non-Operating Revenues	<u>2,813,432</u>	<u>2,813,432</u>	<u>9,513,543</u>	<u>6,700,111</u>
Net Income (Budgetary Basis)	<u>\$ 146,211</u>	<u>\$ 146,211</u>	6,741,187	<u>\$ 6,594,976</u>
Transmission and Treatment Agreement			44,245,564	
Change in Compensated Absences Accrual			(8,499)	
Bond Issuance Costs			(888,012)	
Bond Principal Payments			9,235,000	
Change in Accrued Interest			<u>(222,731)</u>	
Net Income (GAAP Basis)			<u>\$ 59,102,509</u>	

ALLIANCE REGIONAL WATER AUTHORITY
NOTES TO BUDGETARY COMPARISON SCHEDULE
FOR THE YEAR ENDED SEPTEMBER 30, 2023

The Authority budgets on a basis of accounting similar to cash basis. Thus, certain items are presented as reconciling items between the budgetary comparison schedule and the statement of revenues, expenses and changes in net position.

ALLIANCE REGIONAL WATER AUTHORITY
SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS
LAST NINE CALENDAR YEARS

Total Pension Liability				
	2014	2015	2016	2017
Service Cost	\$ 1,883	\$ 12,694	\$ 14,034	\$ 15,763
Interest (on the Total Pension Liability)	75	624	1,903	4,235
Changes of Benefit Terms	-	(1,079)	793	-
Difference between Expected and Actual Experience	2	1,923	3,569	(35)
Change of Assumptions	-	102	-	(56)
Benefit Payments, Including Refunds of Employee Contributions	-	-	-	-
Net Change in Total Pension Liability	1,960	14,264	20,299	19,907
Total Pension Liability - Beginning	-	1,960	16,224	36,523
Total Pension Liability - Ending	<u>\$ 1,960</u>	<u>\$ 16,224</u>	<u>\$ 36,523</u>	<u>\$ 56,430</u>
Plan Fiduciary Net Position				
	2014	2015	2016	2017
Contributions - Employer	\$ 1,132	\$ 7,763	\$ 7,697	\$ 9,785
Contributions - Employee	1,038	7,123	7,088	7,366
Net Investment Income	9	(151)	1,291	5,198
Benefit Payments, Including Refunds of Employee Contributions	-	-	-	-
Administrative Expense	(1)	(7)	(15)	(37)
Other	-	(1)	756	229
Net Change	2,178	14,727	16,817	22,541
Beginning Plan Fiduciary Net Position	-	2,178	16,905	33,722
Ending Plan Fiduciary Net Position	<u>\$ 2,178</u>	<u>\$ 16,905</u>	<u>\$ 33,722</u>	<u>\$ 56,263</u>
Net Pension Liability (Asset) - Ending	\$ (218)	\$ (681)	\$ 2,801	\$ 167
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	111.12%	104.20%	92.33%	99.70%
Covered Payroll	\$ 124,618	\$ 142,452	\$ 141,750	\$ 147,311
Net Pension Liability as a Percentage of Covered Payroll	-0.17%	-0.48%	1.98%	0.11%

Information in this schedule is being accumulated until ten years are presented.
See Independent Auditor's Report.

Total Pension Liability

2018	2019	2020	2021	2022
\$ 16,759	\$ 27,060	\$ 28,296	\$ 39,887	\$ 44,361
5,928	8,833	11,806	16,544	21,262
-	-	-	-	-
-	(424)	4,777	545	(1,476)
2,867	-	15,462	629	-
-	-	-	-	-
25,554	35,469	60,341	57,605	64,147
56,430	81,984	117,453	177,794	235,399
<u>\$ 81,984</u>	<u>\$ 117,453</u>	<u>\$ 177,794</u>	<u>\$ 235,399</u>	<u>\$ 299,546</u>

Plan Fiduciary Net Position

2018	2019	2020	2021	2022
\$ 12,131	\$ 16,531	\$ 20,545	\$ 23,513	\$ 29,474
9,107	12,411	15,009	16,913	17,808
(811)	12,659	12,447	41,708	(18,800)
-	-	-	-	-
(62)	(91)	(123)	(136)	(168)
638	1,009	1,064	1,192	6,867
21,003	42,519	48,942	83,190	35,181
56,263	77,266	119,785	168,727	251,917
<u>\$ 77,266</u>	<u>\$ 119,785</u>	<u>\$ 168,727</u>	<u>\$ 251,917</u>	<u>\$ 287,098</u>

\$ 4,718	\$ (2,332)	\$ 9,067	\$ (16,518)	\$ 12,448
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94.25%	101.99%	94.90%	107.02%	95.84%
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\$ 182,150	\$ 248,222	\$ 300,185	\$ 338,269	\$ 356,154
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2.59%	-0.94%	3.02%	-4.88%	3.50%
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ALLIANCE REGIONAL WATER AUTHORITY
SCHEDULE OF EMPLOYER CONTRIBUTIONS – PENSION PLAN-
LAST NINE FISCAL YEARS

Fiscal Year Ending September 30,	Actuarially Determined Contribution	Actual Contributions	Contribution Deficiency (Excess)	Covered Payroll	Contributions As Percent of Payroll
2023	\$ 31,509	\$ 31,509	-	\$ 374,084	8.42%
2022	28,221	28,221	-	351,382	8.03%
2021	20,503	22,586	(2,083)	332,916	6.78%
2020	19,107	19,107	-	283,824	6.73%
2019	16,336	16,336	-	245,291	6.66%
2018	10,369	10,372	(3)	155,797	6.66%
2017	9,260	9,260	-	145,921	6.35%
2016	7,714	7,714	-	141,926	5.44%
2015	6,954	6,954	-	127,609	5.45%

Valuation Timing:

Actuarially determined contribution rates are calculated as of December 31, two years prior to the end of the fiscal year in which the contributions are reported.

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial Cost Method	Entry Age
Amortization Method	Level Percentage of Payroll, Closed
Remaining Amortization Period	16.6 years (based on contribution rate calculated in 12/31/22 valuation)
Asset Valuation Method	5 Year Smoothed Market
Inflation	2.50%
Salary Increases	Varies by age and service. 4.7% average over career including inflation
Investment Rate of Return	7.50%, net of investment expenses, including inflation
Retirement Age	Members who are eligible for service retirement are assumed to commence receiving benefit payments based on age. The average age at service retirement for recent retirees is 61.
Mortality	135% of the RP-2014 Healthy Annuitant Mortality Table for males and 120% of the RP-2014 Health Annuitant Mortality Table for females, both projected with 100% of the MP-2021 Ultimate Scale after 2010.
Changes in Assumptions	2022: New investment return and inflation assumptions were reflected
Changes in Plan Provisions	2017: Employer contributions reflect that the current service matching rate was increased to 200% for future benefits. Also, new Annuity Purchase Rates were reflected for benefits earned after 2017.

Information in this schedule is being accumulated until ten years are presented.
See Independent Auditor's Report.

SUPPLEMENTARY INFORMATION

ALLIANCE REGIONAL WATER AUTHORITY
TSI-1 SERVICES AND RATES
YEAR ENDING SEPTEMBER 30, 2023

1. Services Provided by the District during the Fiscal Year

Not Yet in Production

2. Retail Service Providers

Not Applicable

3. Total Water Consumption during the Fiscal Year

Not Yet in Production

4. Standby Fees

Not Applicable

5. Location of District

Counties: Hays, Guadalupe, Caldwell, Comal

Cities: Buda, Kyle, San Marcos, Cibolo, Converse, Niederwald, Staples,
Uhland, Martindale

Board Members Board members are appointed by each participating government
(City of San Marcos, City of Kyle, City of Buda, Canyon Regional
Water Authority)

ALLIANCE REGIONAL WATER AUTHORITY
 TSI-2 EXPENSES
 FOR THE YEAR ENDING SEPTEMBER 30, 2023

Personnel Expenditures (including benefits)	\$	468,921
Professional Fees:		
Legal		87,013
Accounting and Audit		11,250
Other		105,900
Water and Transmission Costs		1,769,528
Administrative Expenses		127,046
Plant Operations & Maintenance		249,497
Interest and Debt Related Costs		<u>6,206,101</u>
Total Expenses	\$	<u>9,025,256</u>
Total number of persons employed by the District	Full-Time	<u>3</u>
	Part-Time	<u>1</u>

TSI-3 TEMPORARY INVESTMENTS
 TSI-4 TAXES LEVIED AND RECEIVABLE

OMITTED AS NOT APPLICABLE
 OMITTED AS NOT APPLICABLE

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT

Contract Revenue Bonds 2015A			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 195,000	\$ 54,319	\$ 249,319
2025	200,000	51,609	251,609
2026	205,000	48,669	253,669
2027	210,000	45,307	255,307
2028	210,000	41,506	251,506
2029	215,000	37,390	252,390
2030	220,000	32,875	252,875
2031	225,000	28,035	253,035
2032	230,000	22,905	252,905
2033	240,000	17,569	257,569
2034	245,000	11,881	256,881
2035	250,000	6,025	256,025
	\$ 2,645,000	\$ 398,090	\$ 3,043,090

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2015B			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 100,000	\$ 82,117	\$ 182,117
2025	100,000	80,437	180,437
2026	100,000	78,677	178,677
2027	105,000	76,707	181,707
2028	105,000	74,407	179,407
2029	110,000	71,929	181,929
2030	110,000	69,135	179,135
2031	115,000	66,220	181,220
2032	120,000	63,058	183,058
2033	120,000	59,698	179,698
2034	125,000	56,266	181,266
2035	130,000	52,666	182,666
2036	135,000	48,883	183,883
2037	140,000	44,684	184,684
2038	140,000	40,330	180,330
2039	145,000	35,976	180,976
2040	150,000	31,452	181,452
2041	155,000	26,772	181,772
2042	160,000	21,812	181,812
2043	165,000	16,692	181,692
2044	175,000	11,396	186,396
2045	180,000	5,778	185,778
	\$ 2,885,000	\$ 1,115,092	\$ 4,000,092

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2017A			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 275,000	\$ 224,727	\$ 499,727
2025	275,000	221,042	496,042
2026	280,000	216,972	496,972
2027	285,000	212,548	497,548
2028	290,000	207,760	497,760
2029	295,000	202,395	497,395
2030	300,000	196,318	496,318
2031	310,000	189,568	499,568
2032	315,000	182,035	497,035
2033	325,000	174,065	499,065
2034	330,000	165,583	495,583
2035	340,000	156,739	496,739
2036	350,000	147,457	497,457
2037	360,000	137,762	497,762
2038	370,000	127,646	497,646
2039	380,000	117,064	497,064
2040	390,000	105,702	495,702
2041	400,000	93,963	493,963
2042	415,000	81,923	496,923
2043	425,000	69,431	494,431
2044	435,000	56,299	491,299
2045	450,000	42,857	492,857
2046	465,000	28,952	493,952
2047	475,000	14,630	489,630
	\$ 8,535,000	\$ 3,373,438	\$ 11,908,438

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2017B			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 250,000	\$ 204,983	\$ 454,983
2025	250,000	201,633	451,633
2026	255,000	197,933	452,933
2027	260,000	193,904	453,904
2028	265,000	189,536	454,536
2029	270,000	184,634	454,634
2030	275,000	179,072	454,072
2031	280,000	172,884	452,884
2032	290,000	166,080	456,080
2033	295,000	158,743	453,743
2034	305,000	151,044	456,044
2035	310,000	142,870	452,870
2036	320,000	134,407	454,407
2037	330,000	125,543	455,543
2038	335,000	116,270	451,270
2039	345,000	106,689	451,689
2040	355,000	96,373	451,373
2041	365,000	85,688	450,688
2042	375,000	74,701	449,701
2043	385,000	63,414	448,414
2044	400,000	51,517	451,517
2045	410,000	39,157	449,157
2046	425,000	26,488	451,488
2047	435,000	13,398	448,398
	\$ 7,785,000	\$ 3,076,961	\$ 10,861,961

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2017C			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 560,000	\$ 158,677	\$ 718,677
2025	570,000	152,517	722,517
2026	575,000	145,620	720,620
2027	580,000	138,202	718,202
2028	590,000	130,256	720,256
2029	600,000	121,347	721,347
2030	610,000	111,267	721,267
2031	620,000	100,104	720,104
2032	630,000	87,828	717,828
2033	645,000	74,850	719,850
2034	660,000	61,112	721,112
2035	675,000	46,724	721,724
2036	690,000	31,739	721,739
2037	705,000	16,145	721,145
	\$ 8,710,000	\$ 1,376,388	\$ 10,086,388

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2017D			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 80,000	\$ 22,526	\$ 102,526
2025	80,000	21,646	101,646
2026	80,000	20,678	100,678
2027	80,000	19,646	99,646
2028	85,000	18,550	103,550
2029	85,000	17,267	102,267
2030	85,000	15,839	100,839
2031	90,000	14,283	104,283
2032	90,000	12,501	102,501
2033	90,000	10,647	100,647
2034	95,000	8,730	103,730
2035	95,000	6,659	101,659
2036	100,000	4,550	104,550
2037	100,000	2,290	102,290
	\$ 1,235,000	\$ 195,812	\$ 1,430,812

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2019A			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 760,000	\$ 524,128	\$ 1,284,128
2025	770,000	515,844	1,285,844
2026	775,000	507,374	1,282,374
2027	785,000	498,461	1,283,461
2028	790,000	488,963	1,278,963
2029	800,000	479,167	1,279,167
2030	810,000	468,927	1,278,927
2031	820,000	457,263	1,277,263
2032	830,000	443,733	1,273,733
2033	845,000	428,627	1,273,627
2034	860,000	411,389	1,271,389
2035	875,000	393,415	1,268,415
2036	895,000	374,777	1,269,777
2037	915,000	354,461	1,269,461
2038	930,000	333,141	1,263,141
2039	950,000	311,007	1,261,007
2040	970,000	289,537	1,259,537
2041	995,000	264,123	1,259,123
2042	1,020,000	238,054	1,258,054
2043	1,050,000	211,330	1,261,330
2044	1,075,000	183,820	1,258,820
2045	1,100,000	155,655	1,255,655
2046	1,125,000	125,955	1,250,955
2047	1,155,000	95,580	1,250,580
2048	1,180,000	64,395	1,244,395
2049	1,205,000	32,535	1,237,535
	\$ 24,285,000	\$ 8,651,661	\$ 32,936,661

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2019B			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 695,000	\$ 478,261	\$ 1,173,261
2025	700,000	470,685	1,170,685
2026	705,000	462,985	1,167,985
2027	715,000	454,878	1,169,878
2028	720,000	446,226	1,166,226
2029	730,000	437,298	1,167,298
2030	735,000	427,954	1,162,954
2031	745,000	417,370	1,162,370
2032	760,000	405,078	1,165,078
2033	770,000	391,246	1,161,246
2034	785,000	375,538	1,160,538
2035	800,000	359,131	1,159,131
2036	815,000	342,091	1,157,091
2037	835,000	323,591	1,158,591
2038	850,000	304,135	1,154,135
2039	870,000	283,905	1,153,905
2040	885,000	264,243	1,149,243
2041	910,000	241,056	1,151,056
2042	935,000	217,214	1,152,214
2043	955,000	192,717	1,147,717
2044	980,000	167,696	1,147,696
2045	1,005,000	142,020	1,147,020
2046	1,030,000	114,885	1,144,885
2047	1,050,000	87,075	1,137,075
2048	1,075,000	58,725	1,133,725
2049	1,100,000	29,700	1,129,700
	\$ 22,155,000	\$ 7,895,703	\$ 30,050,703

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2019C			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 1,520,000	\$ 373,944	\$ 1,893,944
2025	1,530,000	360,416	1,890,416
2026	1,540,000	346,646	1,886,646
2027	1,555,000	332,170	1,887,170
2028	1,570,000	316,776	1,886,776
2029	1,580,000	300,919	1,880,919
2030	1,595,000	284,487	1,879,487
2031	1,615,000	265,825	1,880,825
2032	1,635,000	244,184	1,879,184
2033	1,655,000	219,823	1,874,823
2034	1,680,000	192,350	1,872,350
2035	1,710,000	163,790	1,873,790
2036	1,735,000	134,036	1,869,036
2037	1,765,000	101,938	1,866,938
2038	1,795,000	68,403	1,863,403
2039	1,825,000	33,580	1,858,580
	\$ 26,305,000	\$ 3,739,287	\$ 30,044,287

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2019D			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 215,000	\$ 53,019	\$ 268,019
2025	215,000	51,106	266,106
2026	220,000	49,171	269,171
2027	220,000	47,103	267,103
2028	225,000	44,925	269,925
2029	225,000	42,652	267,652
2030	225,000	40,312	265,312
2031	230,000	37,680	267,680
2032	230,000	34,598	264,598
2033	235,000	31,171	266,171
2034	240,000	27,270	267,270
2035	240,000	23,190	263,190
2036	245,000	19,014	264,014
2037	250,000	14,481	264,481
2038	255,000	9,731	264,731
2039	260,000	4,784	264,784
	\$ 3,730,000	\$ 530,207	\$ 4,260,207

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2020A			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 1,115,000	\$ 614,929	\$ 1,729,929
2025	1,115,000	612,476	1,727,476
2026	1,120,000	609,465	1,729,465
2027	1,125,000	604,985	1,729,985
2028	1,130,000	599,023	1,729,023
2029	1,140,000	591,904	1,731,904
2030	1,145,000	583,240	1,728,240
2031	1,155,000	573,622	1,728,622
2032	1,170,000	560,801	1,730,801
2033	1,185,000	545,240	1,730,240
2034	1,205,000	527,347	1,732,347
2035	1,225,000	508,308	1,733,308
2036	1,245,000	487,973	1,732,973
2037	1,270,000	466,434	1,736,434
2038	1,300,000	443,828	1,743,828
2039	1,325,000	420,168	1,745,168
2040	1,360,000	395,523	1,755,523
2041	1,390,000	369,683	1,759,683
2042	1,420,000	337,157	1,757,157
2043	1,445,000	303,929	1,748,929
2044	1,475,000	270,116	1,745,116
2045	1,505,000	235,601	1,740,601
2046	1,540,000	200,384	1,740,384
2047	1,575,000	162,192	1,737,192
2048	1,615,000	123,132	1,738,132
2049	1,655,000	83,080	1,738,080
2050	1,695,000	42,036	1,737,036
	\$ 35,645,000	\$ 11,272,572	\$ 46,917,572

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2020B			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 1,015,000	\$ 560,751	\$ 1,575,751
2025	1,020,000	558,518	1,578,518
2026	1,020,000	555,764	1,575,764
2027	1,025,000	551,684	1,576,684
2028	1,030,000	546,252	1,576,252
2029	1,040,000	539,763	1,579,763
2030	1,045,000	531,859	1,576,859
2031	1,055,000	523,081	1,578,081
2032	1,065,000	511,370	1,576,370
2033	1,080,000	497,206	1,577,206
2034	1,100,000	480,898	1,580,898
2035	1,115,000	463,518	1,578,518
2036	1,135,000	445,009	1,580,009
2037	1,160,000	425,373	1,585,373
2038	1,185,000	404,725	1,589,725
2039	1,210,000	383,158	1,593,158
2040	1,240,000	360,652	1,600,652
2041	1,265,000	337,092	1,602,092
2042	1,295,000	307,491	1,602,491
2043	1,320,000	277,188	1,597,188
2044	1,345,000	246,300	1,591,300
2045	1,375,000	214,827	1,589,827
2046	1,405,000	182,652	1,587,652
2047	1,435,000	147,808	1,582,808
2048	1,470,000	112,220	1,582,220
2049	1,510,000	75,764	1,585,764
2050	1,545,000	38,316	1,583,316
	\$ 32,505,000	\$ 10,279,235	\$ 42,784,235

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2020C			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 2,195,000	\$ 388,617	\$ 2,583,617
2025	2,200,000	384,446	2,584,446
2026	2,210,000	379,386	2,589,386
2027	2,215,000	372,093	2,587,093
2028	2,225,000	362,347	2,587,347
2029	2,235,000	350,777	2,585,777
2030	2,250,000	336,920	2,586,920
2031	2,265,000	321,395	2,586,395
2032	2,285,000	300,784	2,585,784
2033	2,310,000	276,106	2,586,106
2034	2,340,000	247,693	2,587,693
2035	2,375,000	217,507	2,592,507
2036	2,410,000	185,207	2,595,207
2037	2,450,000	151,226	2,601,226
2038	2,490,000	115,701	2,605,701
2039	2,535,000	78,600	2,613,600
2040	2,585,000	40,068	2,625,068
	\$ 39,575,000	\$ 4,508,868	\$ 44,083,868

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2020D			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 310,000	\$ 55,036	\$ 365,036
2025	310,000	54,447	364,447
2026	315,000	53,734	368,734
2027	315,000	52,695	367,695
2028	315,000	51,309	366,309
2029	315,000	49,671	364,671
2030	320,000	47,718	367,718
2031	320,000	45,510	365,510
2032	325,000	42,598	367,598
2033	330,000	39,088	369,088
2034	330,000	35,029	365,029
2035	335,000	30,772	365,772
2036	340,000	26,216	366,216
2037	345,000	21,422	366,422
2038	355,000	16,419	371,419
2039	360,000	11,130	371,130
2040	365,000	5,658	370,658
	\$ 5,605,000	\$ 638,446	\$ 6,243,446

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2022A			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 340,000	\$ 559,463	\$ 899,463
2025	345,000	550,011	895,011
2026	350,000	540,282	890,282
2027	360,000	530,307	890,307
2028	370,000	519,903	889,903
2029	375,000	509,099	884,099
2030	385,000	498,036	883,036
2031	395,000	486,448	881,448
2032	405,000	474,321	879,321
2033	410,000	461,726	871,726
2034	425,000	448,319	873,319
2035	435,000	433,656	868,656
2036	450,000	418,214	868,214
2037	465,000	400,799	865,799
2038	480,000	382,617	862,617
2039	495,000	363,657	858,657
2040	515,000	343,857	858,857
2041	530,000	323,051	853,051
2042	550,000	301,427	851,427
2043	570,000	278,712	848,712
2044	590,000	255,456	845,456
2045	615,000	231,384	846,384
2046	635,000	206,292	841,292
2047	660,000	180,384	840,384
2048	685,000	153,456	838,456
2049	710,000	124,892	834,892
2050	735,000	95,285	830,285
2051	760,000	64,635	824,635
2052	790,000	32,943	822,943
	\$ 14,830,000	\$ 10,168,632	\$ 24,998,632

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2022B			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 310,000	\$ 510,090	\$ 820,090
2025	315,000	501,472	816,472
2026	320,000	492,589	812,589
2027	330,000	483,469	813,469
2028	335,000	473,932	808,932
2029	340,000	464,150	804,150
2030	350,000	454,120	804,120
2031	360,000	443,585	803,585
2032	365,000	432,533	797,533
2033	375,000	421,182	796,182
2034	385,000	408,919	793,919
2035	400,000	395,637	795,637
2036	410,000	381,437	791,437
2037	425,000	365,570	790,570
2038	435,000	348,952	783,952
2039	455,000	331,770	786,770
2040	470,000	313,570	783,570
2041	485,000	294,582	779,582
2042	500,000	274,794	774,794
2043	520,000	254,144	774,144
2044	540,000	232,928	772,928
2045	560,000	210,896	770,896
2046	580,000	188,048	768,048
2047	600,000	164,384	764,384
2048	625,000	139,904	764,904
2049	645,000	113,841	758,841
2050	670,000	86,945	756,945
2051	695,000	59,006	754,006
2052	720,000	30,024	750,024
	\$ 13,520,000	\$ 9,272,473	\$ 22,792,473

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2022C			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 740,000	\$ 521,039	\$ 1,261,039
2025	755,000	503,057	1,258,057
2026	770,000	484,484	1,254,484
2027	785,000	465,311	1,250,311
2028	800,000	445,529	1,245,529
2029	815,000	425,129	1,240,129
2030	830,000	404,102	1,234,102
2031	845,000	382,273	1,227,273
2032	865,000	359,627	1,224,627
2033	880,000	336,099	1,216,099
2034	905,000	310,931	1,215,931
2035	925,000	283,691	1,208,691
2036	955,000	255,016	1,210,016
2037	980,000	222,737	1,202,737
2038	1,010,000	189,221	1,199,221
2039	1,040,000	154,376	1,194,376
2040	1,070,000	118,080	1,188,080
2041	1,105,000	80,309	1,185,309
2042	1,135,000	40,860	1,175,860
	\$ 17,210,000	\$ 5,981,871	\$ 23,191,871

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Contract Revenue Bonds 2022D			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 105,000	\$ 73,838	\$ 178,838
2025	105,000	71,286	176,286
2026	110,000	68,703	178,703
2027	110,000	65,964	175,964
2028	115,000	63,192	178,192
2029	115,000	60,260	175,260
2030	120,000	57,293	177,293
2031	120,000	54,137	174,137
2032	125,000	50,921	175,921
2033	125,000	47,521	172,521
2034	130,000	43,946	173,946
2035	130,000	40,033	170,033
2036	135,000	36,003	171,003
2037	140,000	31,440	171,440
2038	145,000	26,652	171,652
2039	145,000	21,649	166,649
2040	150,000	16,589	166,589
2041	155,000	11,294	166,294
2042	160,000	5,760	165,760
	\$ 2,440,000	\$ 846,481	\$ 3,286,481



ALLIANCE WATER

ALLIANCE REGIONAL WATER AUTHORITY
TSI-5 LONG-TERM BONDED DEBT (CONTINUED)

Total Requirements for All Series			
Fiscal Year Ending September 30,	Principal Due Each Year	Interest Due Each Year	Total
2024	\$ 10,780,000	\$ 5,460,463	\$ 16,240,463
2025	10,855,000	5,362,648	16,217,648
2026	10,950,000	5,259,132	16,209,132
2027	11,060,000	5,145,434	16,205,434
2028	11,170,000	5,020,391	16,190,391
2029	11,285,000	4,885,750	16,170,750
2030	11,410,000	4,739,473	16,149,473
2031	11,565,000	4,579,282	16,144,282
2032	11,735,000	4,394,954	16,129,954
2033	11,915,000	4,190,606	16,105,606
2034	12,145,000	3,964,243	16,109,243
2035	12,365,000	3,724,329	16,089,329
2036	12,365,000	3,472,027	15,837,027
2037	12,635,000	3,205,895	15,840,895
2038	12,075,000	2,927,771	15,002,771
2039	12,340,000	2,657,512	14,997,512
2040	10,505,000	2,381,303	12,886,303
2041	7,755,000	2,127,613	9,882,613
2042	7,965,000	1,901,193	9,866,193
2043	6,835,000	1,667,557	8,502,557
2044	7,015,000	1,475,528	8,490,528
2045	7,200,000	1,278,175	8,478,175
2046	7,205,000	1,073,656	8,278,656
2047	7,385,000	865,451	8,250,451
2048	6,650,000	651,832	7,301,832
2049	6,825,000	459,772	7,284,772
2050	4,645,000	262,582	4,907,582
2051	1,455,000	123,641	1,578,641
2052	1,510,000	62,967	1,572,967
	\$ 269,600,000	\$ 83,321,176	\$ 352,921,176

ALLIANCE REGIONAL WATER AUTHORITY
TSI-6 CHANGES IN LONG-TERM BONDED DEBT

	Contract Revenue Bonds Series 2015A	Contract Revenue Bonds Series 2015B	Contract Revenue Bonds Series 2017A	Contract Revenue Bonds Series 2017B	Contract Revenue Bonds Series 2017C
Interest Rate	0.38-2.41%	0.45-3.21%	0.77-3.08%	0.77-3.08%	0.63-2.29%
Dates Interest Payable	Feb 15, Aug 15	Feb 15, Aug 15	Feb 15, Aug 15	Feb 15, Aug 15	Feb 15, Aug 15
Maturity Dates	August 2035	August 2045	August 2047	August 2047	August 2037
Beginning Bonds					
Outstanding	\$ 2,840,000	\$ 2,980,000	\$ 8,805,000	\$ 8,030,000	\$ 9,265,000
Bonds Sold During The Fiscal Year	-	-	-	-	-
Bonds Retired During The Fiscal Year	(195,000)	(95,000)	(270,000)	(245,000)	(555,000)
Ending Bonds					
Outstanding	<u>\$ 2,645,000</u>	<u>\$ 2,885,000</u>	<u>\$ 8,535,000</u>	<u>\$ 7,785,000</u>	<u>\$ 8,710,000</u>
Interest Paid During The Fiscal Year	<u>\$ 56,854</u>	<u>\$ 83,607</u>	<u>\$ 228,048</u>	<u>\$ 207,997</u>	<u>\$ 164,282</u>
Paying Agent's Name and City	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX
<i>Bond Authority</i>					
Amount Authorized by The Board of Trustees	\$ 3,960,000	\$ 3,530,000	\$ 9,865,000	\$ 8,995,000	\$ 11,450,000
Amount Issued	<u>3,960,000</u>	<u>3,530,000</u>	<u>9,865,000</u>	<u>8,995,000</u>	<u>11,450,000</u>
Remaining to be Issued	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

See Independent Auditor's Report.

Contract Revenue Bonds Series 2017D	Contract Revenue Bonds Series 2019A	Contract Revenue Bonds Series 2019B	Contract Revenue Bonds Series 2019C	Contract Revenue Bonds Series 2019D	Contract Revenue Bonds Series 2020A
0.63-2.29% Feb 15, Aug 15 August 2037	1.02-2.70% Feb 15, Aug 15 August 2049	1.02-2.70% Feb 15, Aug 15 August 2049	0.84-1.94% Feb 15, Aug 15 August 2039	0.84-1.94% Feb 15, Aug 15 August 2039	0.14%-2.48% Feb 15, Aug 15 August 2050
\$ 1,315,000	\$ 25,040,000	\$ 22,845,000	\$ 27,815,000	\$ 3,945,000	\$ 36,755,000
-	-	-	-	-	-
<u>(80,000)</u>	<u>(755,000)</u>	<u>(690,000)</u>	<u>(1,510,000)</u>	<u>(215,000)</u>	<u>(1,110,000)</u>
<u>\$ 1,235,000</u>	<u>\$ 24,285,000</u>	<u>\$ 22,155,000</u>	<u>\$ 26,305,000</u>	<u>\$ 3,730,000</u>	<u>\$ 35,645,000</u>
<u>\$ 23,334</u>	<u>\$ 532,131</u>	<u>\$ 485,575</u>	<u>\$ 387,081</u>	<u>\$ 54,890</u>	<u>\$ 616,816</u>
BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX
\$ 1,625,000 <u>1,625,000</u>	\$ 26,530,000 <u>26,530,000</u>	\$ 24,200,000 <u>24,200,000</u>	\$ 30,800,000 <u>30,800,000</u>	\$ 4,370,000 <u>4,370,000</u>	\$ 37,865,000 <u>37,865,000</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

See Independent Auditor's Report.

ALLIANCE REGIONAL WATER AUTHORITY
TSI-6 CHANGES IN LONG-TERM BONDED DEBT (CONT.)

	Contract Revenue Bonds <u>Series 2020B</u>	Contract Revenue Bonds <u>Series 2020C</u>	Contract Revenue Bonds <u>Series 2020D</u>	Contract Revenue Bonds <u>Series 2022A</u>
Interest Rate	0.14%-2.48%	0.12%-1.55%	0.12%-1.55%	2.78%-4.17%
Dates Interest Payable	Feb 15, Aug 15	Feb 15, Aug 15	Feb 15, Aug 15	Feb 15, Aug 15
Maturity Dates	August 2050	August 2040	August 2040	August 2052
Beginning Bonds				
Outstanding	\$ 33,520,000	\$ 41,765,000	\$ 5,915,000	\$ -
Bonds Sold During				
The Fiscal Year	-	-	-	14,830,000
Bonds Retired During				
The Fiscal Year	(1,015,000)	(2,190,000)	(310,000)	-
Ending Bonds				
Outstanding	<u>\$ 32,505,000</u>	<u>\$ 39,575,000</u>	<u>\$ 5,605,000</u>	<u>\$ 14,830,000</u>
Interest Paid During				
The Fiscal Year	<u>\$ 562,477</u>	<u>\$ 391,683</u>	<u>\$ 55,470</u>	<u>\$ 418,042</u>
Paying Agent's	BOKF, NA	BOKF, NA	BOKF, NA	BOKF, NA
Name and City	Dallas, TX	Dallas, TX	Dallas, TX	Dallas, TX
<i>Bond Authority</i>				
Amount Authorized by				
The Board of Trustees	\$ 34,530,000	\$ 43,955,000	\$ 6,225,000	\$ 14,830,000
Amount Issued	<u>34,530,000</u>	<u>43,955,000</u>	<u>6,225,000</u>	<u>14,830,000</u>
Remaining to be				
Issued	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Debt Service Fund Cash and Temporary Investments as of September 30

Average Annual Debt Service Payment (principal & interest) for Remaining Term of Debt

Contract Revenue Bonds Series 2022B	Contract Revenue Bonds Series 2022C	Contract Revenue Bonds Series 2022D	Total
2.78%-4.17% Feb 15, Aug 15 August 2052	2.43%-3.60% Feb 15, Aug 15 August 2042	2.43%-3.60% Feb 15, Aug 15 August 2042	
\$ -	\$ -	\$ -	\$ 230,835,000
13,520,000	17,210,000	2,440,000	48,000,000
-	-	-	(9,235,000)
<u>\$ 13,520,000</u>	<u>\$ 17,210,000</u>	<u>\$ 2,440,000</u>	<u>\$ 269,600,000</u>
<u>\$ 382,567</u>	<u>\$ 389,331</u>	<u>\$ 55,173</u>	<u>\$ 5,095,358</u>
BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	BOKF, NA Dallas, TX	
\$ 13,520,000	\$ 17,210,000	\$ 2,440,000	\$ 295,900,000
<u>13,520,000</u>	<u>17,210,000</u>	<u>2,440,000</u>	<u>295,900,000</u>
<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
			<u>\$ 1,594,050</u>
			<u>\$ 12,169,696</u>

See Independent Auditor's Report.

ALLIANCE REGIONAL WATER AUTHORITY
 TSI-7 COMPARATIVE SCHEDULE OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
 LAST FIVE FISCAL YEARS

	2019	2020	2021	2022	2023
Operating Revenues:					
Water Sales	\$ 28,526	\$ 35,003	\$ 41,482	\$ 41,314	\$ 38,300
Total Operating Revenues	<u>28,526</u>	<u>35,003</u>	<u>41,482</u>	<u>41,314</u>	<u>38,300</u>
Operating Expenses:					
Groundwater Reservation Leases	1,192,172	1,336,205	1,390,615	1,269,053	1,769,528
Amortization of Initial Lease Costs	204,810	43,937	-	-	-
Professional Fees	230,066	202,542	255,833	214,119	204,163
Personnel Costs	332,814	356,522	414,021	407,495	468,921
Permits and Fees	71,311	75,538	74,454	81,900	90,090
Administrative Expenses	31,790	40,328	44,018	55,614	36,956
Plant Operations & Maintenance	-	-	37,428	13,622	249,497
Total Operating Expenses	<u>2,062,963</u>	<u>2,055,072</u>	<u>2,216,369</u>	<u>2,041,803</u>	<u>2,819,155</u>
Operating Income (Loss)	(2,034,437)	(2,020,069)	(2,174,887)	(2,000,489)	(2,780,855)
Non-Operating Revenues (Expenses)					
Participating Government Contributions	6,476,552	8,037,206	11,064,619	15,695,520	16,943,746
Transmission and Treatment Agreement	3,887,232	6,362,088	5,363,527	42,433,428	44,245,564
Interest Income	568,877	462,865	38,457	1,036,488	6,869,215
Miscellaneous Income	-	-	-	5,543	30,940
Bond Issue Costs	-	(1,237,824)	(1,545,582)	(30,940)	(888,012)
Interest Expense	<u>(811,610)</u>	<u>(2,108,361)</u>	<u>(3,708,431)</u>	<u>(3,893,877)</u>	<u>(5,318,089)</u>
Total Non-Operating Revenues (Expenses)	<u>10,121,051</u>	<u>11,515,974</u>	<u>11,212,590</u>	<u>55,246,162</u>	<u>61,883,364</u>
Change in Net Position	<u>\$ 8,086,614</u>	<u>\$ 9,495,905</u>	<u>\$ 9,037,703</u>	<u>\$ 53,245,673</u>	<u>\$ 59,102,509</u>

See Independent Auditor's Report.

Percent of Fund Total Revenues				
2019	2020	2021	2022	2023
100%	100%	100%	100%	100%
100%	100%	100%	100%	100%
4179%	3817%	3352%	3072%	4620%
718%	126%	0%	0%	0%
807%	579%	617%	518%	533%
1167%	1019%	998%	986%	1224%
250%	216%	179%	198%	235%
111%	115%	106%	135%	96%
0%	0%	90%	33%	651%
7232%	5871%	5343%	4942%	7361%
-7132%	-5771%	-5243%	-4842%	-7261%
22704%	22961%	26673%	37991%	44240%
13627%	18176%	12930%	102710%	115524%
1994%	1322%	93%	2509%	17935%
0%	0%	0%	13%	81%
0%	-3536%	-3726%	-75%	-2319%
-2845%	-6023%	-8940%	-9425%	-13885%
35480%	32900%	27030%	133723%	161575%
28348%	27129%	21787%	128880%	154315%

See Independent Auditor's Report.

ALLIANCE REGIONAL WATER AUTHORITY
 TSI-8 BOARD MEMBERS, KEY PERSONNEL AND CONSULTANTS
 FOR THE YEAR ENDING SEPTEMBER 30, 2023

Names:	Term of Office (Elected or Appointed) or Date Hired	Fees of Office Paid 9/30/23	Expense Reimbursements 9/30/23	Title at Year End
Board of Trustees:				
Regina Franke	9/21-4/26	---	---	Director
Humberto Ramos	4/21-4/24	---	---	Vice-Chair
Chris Betz	6/17-4/25	---	---	Chair
Pat Allen	6/17-4/26	---	---	Director
Mark Gleason	1/21-4/25	---	---	Director
Jane Hughson	6/17-4/26	---	---	Director
Paul Kite	1/21-4/25	---	---	Director
Tyler Hjorth	4/21-4/24	---	---	Director
Tim Samford	4/21-4/24	---	---	Director
Vacancy	---	---	---	Director
Shaun Condor	4/22-4/25	---	---	Director
Amber Schmeits	8/22-4/24	---	---	Secretary
Blake Neffendorf	4/20-4/26	---	---	Treasurer
Key Administrative Personnel:				
Graham Moore	6/15/2017	\$ 193,710	\$ 51	Exec. Director

See Independent Auditor's Report.

ALLIANCE REGIONAL WATER AUTHORITY
 TSI-8 BOARD MEMBERS, KEY PERSONNEL AND CONSULTANTS (CONT.)
 FOR THE YEAR ENDING SEPTEMBER 30, 2023

Consultants:

Alan Plummer & Associates, Inc.	\$ 76,013	Engineer
Armstrong, Vaughan & Associates, P.C.	\$ 11,250	Auditor
Barron, Adler, Clough & Oddo	\$ 224,690	Attorney
BGE, Inc.	\$ 439,748	Engineer
Blanton & Associates	\$ 201,918	Engineer
CBRE	\$ 159,906	Appraiser
CD & P	\$ 44,543	Public Relations Advisor
CP&Y	\$ 441,661	Surveyor
Davidson, Troilo, Ream & Garza	\$ 1,726,887	Attorney
Freese & Nichols	\$ 644,816	Engineer
HVJ, Inc	\$ 1,063,953	Engineer
James R. Tolles, Jr	\$ 272,097	Construction Observer
K Friese & Associates	\$ 117,848	Engineer
Kimley-Horn & Associates	\$ 1,730,161	Engineer
Law Offices of Patricia Carls	\$ 2,818	Attorney
LNV, Inc. dba. Ardurra	\$ 160,065	Engineer
Lloyd Gosselink	\$ 102,709	Attorney
Lockwood, Andrews & Newnam	\$ 188,250	Engineer
Pape-Dawson Engineer, Inc.	\$ 6,641,047	Engineer
R.W. Harden & Associates, Inc.	\$ 21,150	Hydrogeology
Schlueter Group of Texas, LLC	\$ 55,000	Lobbyist
Walker Partners	\$ 784,545	Engineer



ALLIANCE WATER

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.2** Update and possible direction to Staff regarding construction of the Authority's Phase 1B program. ~ *Toby Flinn, P.E., Pape-Dawson Engineers*
-

Background/Information

Toby Flinn with Pape Dawson will update the Board on recent construction activities associated with the Phase 1B program.

Attachment(s)

- Phase 1B Construction Update – February 28, 2024

Board Decision(s) Needed:

- Possible direction to Staff.



PHASE 1B CONSTRUCTION UPDATE

February 28, 2024

Water Resources | Transportation | Land Development | Surveying | Environmental

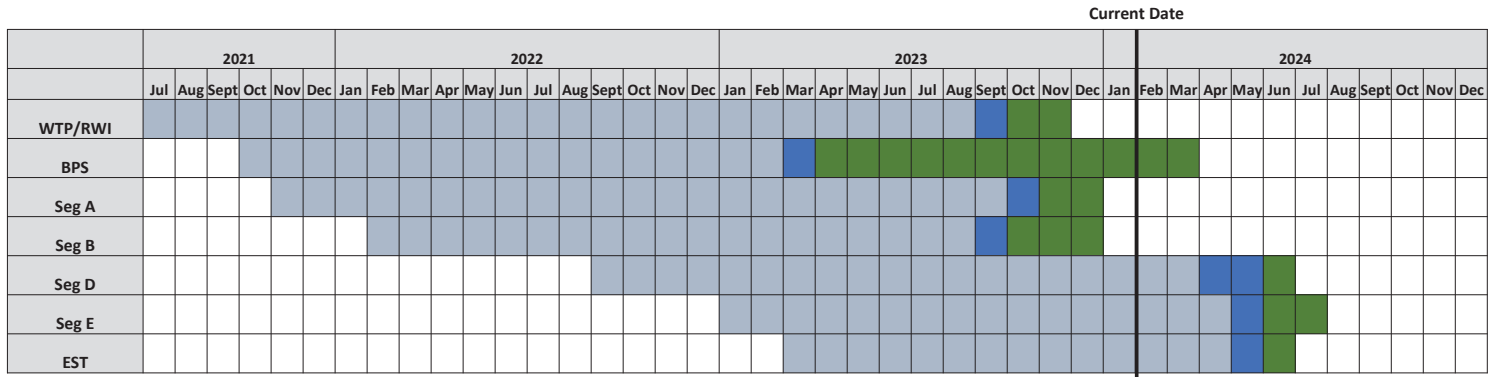


PROGRAM CONTRACT VALUES



PROJECT	ORIGINAL CONTRACT PRICE	APPROVED CONTRACT MODIFICATIONS	CURRENT CONTRACT VALUE	BILLED TO DATE	REMAINING	% COMPLETE
WTP/RWI	\$54,349,675.00	\$862,792.00	\$55,212,467.00	\$46,685,590.92	\$8,526,876.08	84.56%
BPS	\$19,759,331.00	\$484,295.69	\$20,243,626.69	\$17,100,420.74	\$3,143,205.95	84.47%
Seg A	\$49,471,384.71	\$256,865.79	\$49,728,250.50	\$47,319,717.09	\$2,408,533.41	95.16%
Seg B	\$37,629,104.42	\$4,590,094.45	\$42,219,198.87	\$40,962,568.85	\$1,256,630.02	97.02%
Seg D	\$46,663,969.35	\$352,768.78	\$47,016,738.13	\$42,021,120.59	\$4,995,617.54	89.37%
Seg E	\$27,277,770.46	\$206,443.84	\$27,484,214.30	\$12,122,147.52	\$15,362,066.78	44.11%
EST	\$4,573,000.00	\$7,545.00	\$4,580,545.00	\$3,775,515.00	\$805,030.00	82.43%

PROGRAM SCHEDULE DURATIONS



Project	Notice to Proceed	Contract Dates				Program Sub Completion Status
		Contract Sub Completion	Contract Final Completion	Expected Sub-Completion	Expected Final	
WTP/RWI	7/16/2021	9/3/2023	11/1/2023	4/17/2024	4/24/2024	Delayed
BPS	10/25/2021	3/18/2023	3/17/2024	2/23/2024	5/16/2024	Delayed
Seg A	11/16/2021	10/7/2023	12/6/2023	12/19/2023	1/16/2023	Delayed
Seg B	2/15/2022	9/21/2023	12/5/2023	2/9/2024	4/9/2024	Delayed
Seg D	9/19/2022	4/12/2024	6/11/2024	3/28/2024	3/28/2024	On Time
Seg E	1/25/2023	5/24/2024	7/23/2024	5/24/2024	7/23/2024	On Time
EST	3/28/2023	5/21/2024	6/20/2024	5/21/2024	6/20/2024	On Time

Water Treatment Plant / Raw Water Infrastructure (Archer Western / Walker Partners)

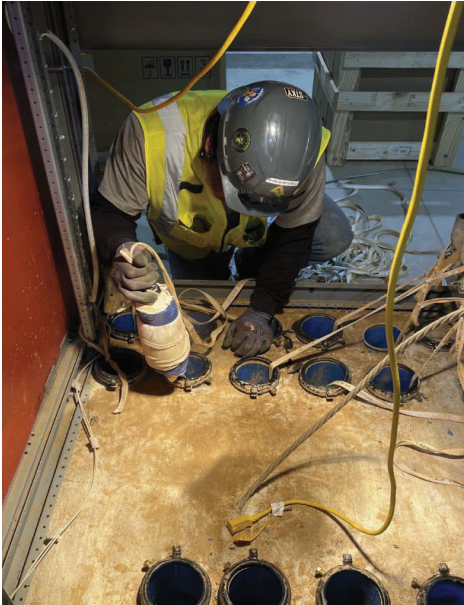
Construction Status

- Continued installation of electrical duct bank and underground conduit.
- Continued conduit installation and pulling wire at the filter complex and HSPS.
- Installed/ cleaned conduit at Well #7, 8 & 9.
- Installation of wiring for the filter units valving and instrumentation.
- Entrance road subgrade preparation and limestone base installation continued.
- Continued concrete paving placement.
- Continued saw cutting pavement.
- Continued framing walls at filter complex.
- Continued pressure testing 48" PWL.
- Continued relocation of HVAC unit at HSPS electrical building.
- MSB 2 cabinets set.



WTP Drive 2 Concrete Placement

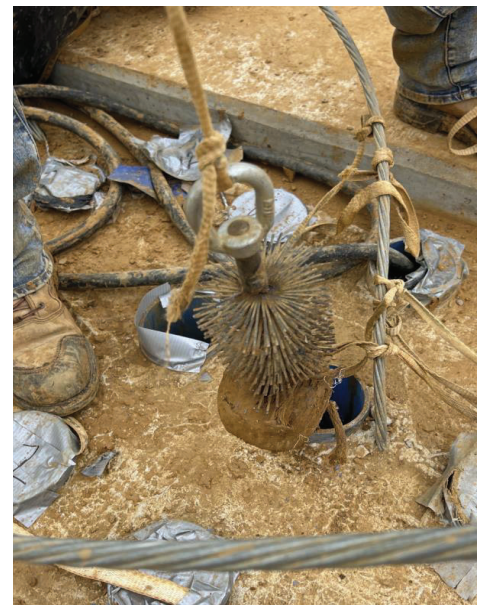
WTP/RWI - Progress Photos



WTP – Cleaning Duct Bank Conduits



WTP – Cleaning Duct Bank Conduits



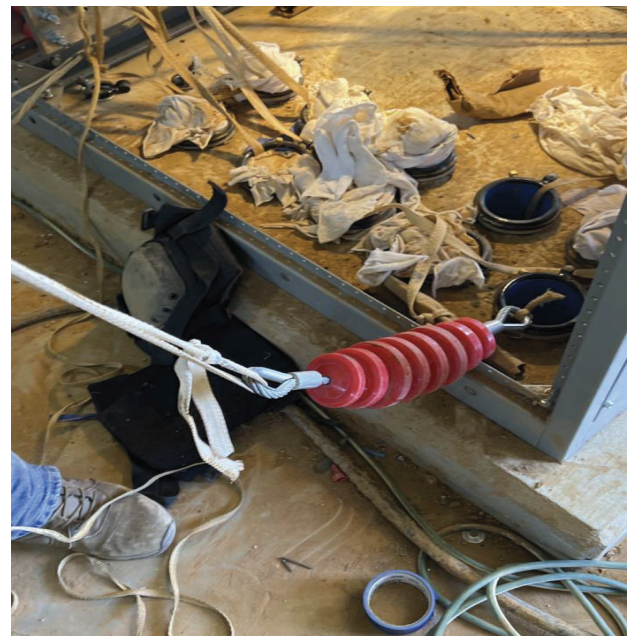
WTP – Cleaning Duct Bank Conduits

5

Water Treatment Plant / Raw Water Infrastructure (Archer Western / Walker Partners)

Next Month - Projected Construction Activities

- Installation of electrical duct bank and underground conduit.
- Conduit installation at the Filter Complex and HSPS.
- Entrance road subgrade preparation and limestone base installation.
- Continue concrete paving placement.
- Continue install of sidewalk.
- Erect plate settler canopy.
- Install Chem piping.
- Install PW plumbing at Filter Complex.
- Installation of HVAC.
- FRP ribbon curb for asphalt paving.
- Pressure testing 48" PWL.
- Install well pumps.
- Continue install site grounding.
- Continue electrical work at well sites.
- Continue underground conduit mandrel testing.



WTP – Duct Bank Mandrel Testing Conduits to Generator

Booster Pump Station (MWH / Freese and Nichols)

Construction Status

- Continued pump slab backfill.
- Continued pipe coating application at BPS.
- Eaton working on soft starts in electrical building.
- CRWA #1 install rebar for BOV splash pad.
- CRWA #3 completed metering slab.
- Continued work on site driveway.
- Alterman continued pulling wire at electrical building.



BPS – Pump Station Piping

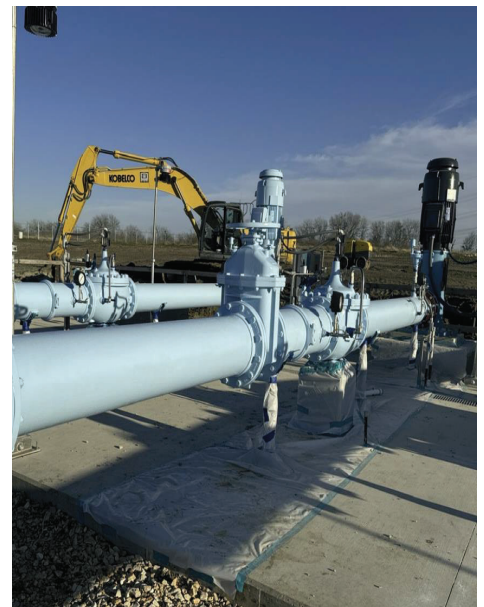
BPS- Progress Photos



BPS – BPS – Coating Prep Work



BPS – Flow Fill Placement Around Pump Station



BPS – Coating for Pump Station Piping

Booster Pump Station (MWH / Freese and Nichols)

Next Month - Projected Construction Activities

- Continue heat trace install.
- Begin pump station testing.
- Continue entrance install.
- Continue working at CRWA delivery points.
- Install site security.
- Install grounding at PS.
- Continue painting BPS

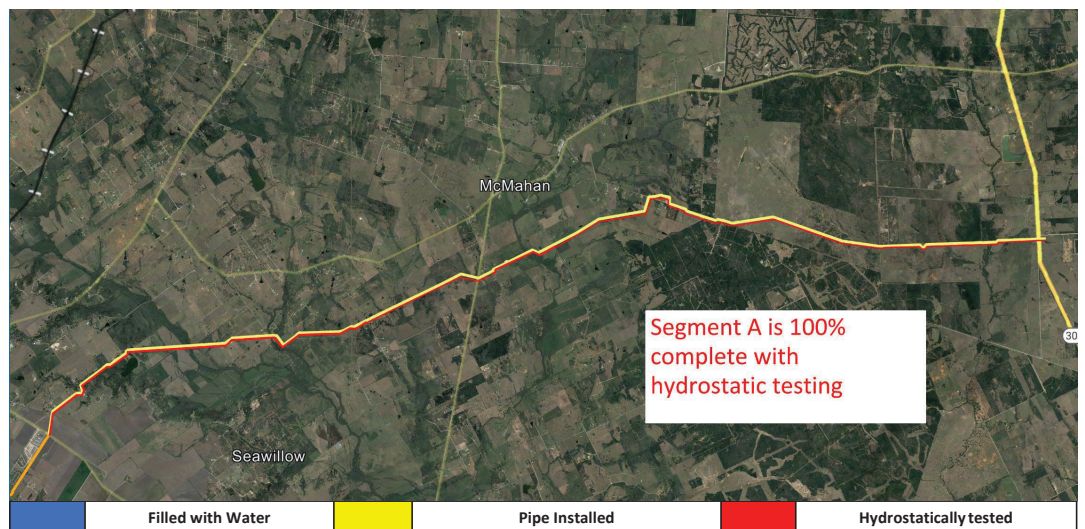


BPS – Offloading BPS Generator

Segment A (Garney Construction / LAN)

Construction Status	
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed	100% (15 of 15)
Pipe Installed	100%
Major Crossing (Plum Creek)	100%

Filling and Pressure Testing	
Filling of Segment A	100%
Hydrostatic Testing	100%



Segment A (Garney Construction / LAN)

Next Month - Projected Construction Activities

- Perform maintenance on all county roads and private roads being used for construction operations.
- Continue haul-off excess native material, final grading of topsoil, and final build out of CAV assemblies.
- J7 services will continue installing permanent gates and permanent entrances.
- Conduct bi-weekly meeting.
- Finish fiber conduit installation on Segment A and continue blowing in fiber through conduit on Segment A.
- Continue fiber conduit installation on Segment B1 and continue blowing in fiber through conduit on Segment B1.

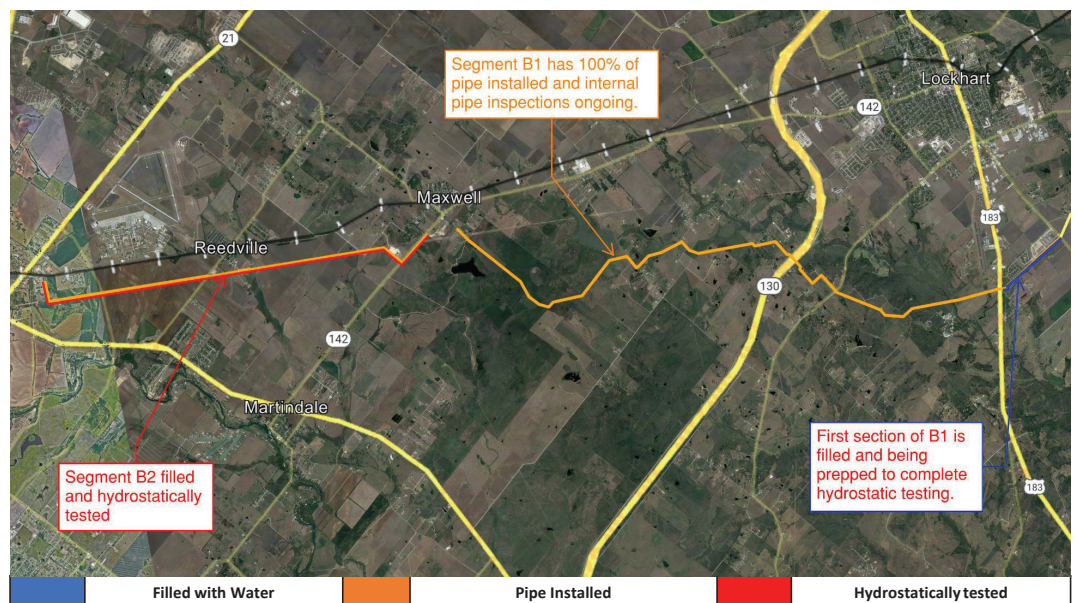


Seg A - Garney Places Manhole Lids

Segment B (Garney Construction / K Friese)

Construction Status	
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed	100%
Pipe Installed on Segment B	100%
Pipe Installed on Segment D-B	100%
Pipe Installed on Segment D-C	0%

Filling and Pressure Testing	
Filling of Segment B	39%
Hydrostatic Testing B	36%
Filling of Segment D	0%
Hydrostatic Testing D	0%
Filling of Segment D-C	0%
Hydrostatic Testing D-C	0%



Segment B (Garney Construction / K Friese)

Next Month - Projected Construction Activities

- Garney Resources
 - Hauling off excess spoils from project site and spreading topsoil.
 - Installing DV and CAVs.
 - Cleaning interior of pipe for final CMI inspections.
 - Correcting deflected pipe.
 - Conduct bi-weekly meeting.
 - Continue filling Segment B1.

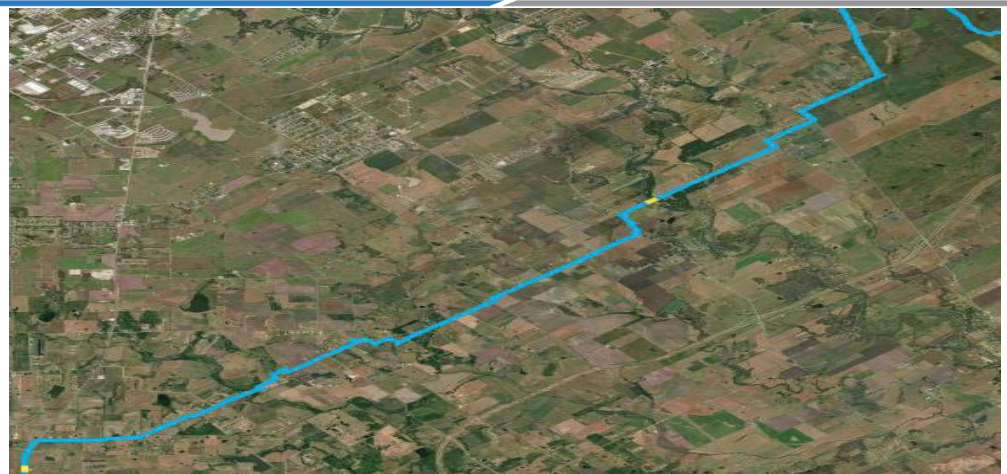


Segment B – Removing Spoils Near Boggy Creek

Segment D (SJ Louis / Freese & Nichols)

Construction Status

- Not Started
- ROW Cleared
- Pipe Delivered
- Pipe Installed
- Complete



Activity	Status
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed	100%
Pipe Installed	99%
Major Crossing (San Marcos River Crossing)	100%

Segment D – Progress Photos



Seg D – Crane Setting Preassembled Sections of Morrison Creek Bridge



Seg D – Tying Rebar for Concrete Deck on Morrison Creek Bridge



Seg D – Rebar Mats Placed and Ready for Concrete

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Segment D (SJ Louis / Freese & Nichols)

Next Month - Projected Construction Activities

- Conduct bi-weekly progress meeting 2/08/24.
- Finish pipe installation to the Segment E tie-in location.
- Continue installing precast at CAV and drain valve locations behind the pipe installation operations.
- Continue cleaning and grouting the interior of pipe for final CMI inspections.
- Start CMI inspections inside of pipeline from SH 142 to San Marcos River.
- Major Crossings
 - San Marcos River Crossing – currently 100% complete.



Seg D – Trench Preparation

16

Segment E (Garney / Walker Partners)

Construction Status

- Not Started
- ROW Cleared
- Pipe Delivered
- Pipe Installed
- Complete



Activity	Status
ROW Cleared	100%
Pipe Delivered	81%
Tunnels Completed	100% (10 of 10)
Pipe Installed	29%
Major Crossing (Lake Dunlap)	HDD Pilot Hole Complete and Reaming Pass Started

Segment E – Progress Photos



Seg E – Setting Pipe into Place



Seg E – Welding Clips into Place



Seg E – Crew Installing Canusa

Segment E (Garney / Walker Partners)

Next Month - Projected Activities

- Processing documentation in SharePoint.
- Conduct bi-weekly progress meeting
- Continue pipe installations on E1 with two crews laying pipe south towards the NBU delivery point.
- Tunnels
 - 10 of 10 Auger Bore (100% Completed).
 - 3 of 10 Open Cut Casing (30% Completed).
- Major Crossings
 - Continue 54" ream.



Seg E – Grouting Cracks in the Concrete Liner

19

Elevated Storage Tanks Landmark / Plummer

Construction Activities

- Electrical Duct Banks were installed and concreted in place.
- Landmark is working with NLI continued coordination and scheduling the DI waterline pipe work.
- Landmark Mobilized Tank Hoist crew and Aerial Steel Crew 01-24-2024. Tank Hoist Scheduled for 01-25-2024

Next Month - Projected Activities

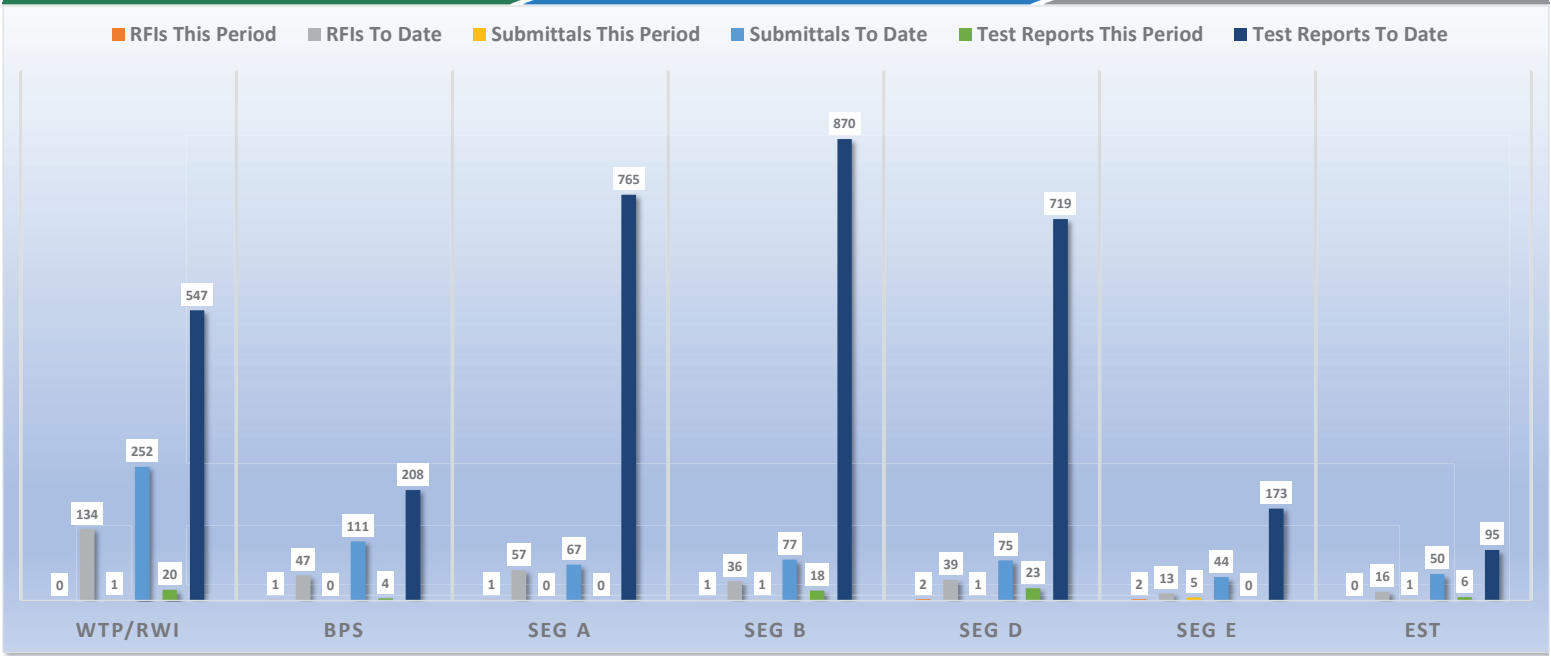
- Landmark to install tank floor plate and roof.
- Landmark and NLI, will be installing the 24 Inch DI waterline once the Bowl has been hoisted and the site dries out.



EST – Elevated Tank in Resting Place

20

PROGRAM OVERSIGHT RECAP



QUESTIONS?

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.3** Update and discussion regarding the status of the Authority's Phase 1B program, and direction to staff and consultants. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*
-

Background/Information

Ryan Sowa with Kimley-Horn will update the Committee on their recent activities associated with the Phase 1B program.

Attachment(s)

- Phase 1B Program Update – February 28, 2024
- Kimley-Horn Monthly Invoice and Detail for January 2024

Board Decision(s) Needed:

- None.



Phase 1B Program Update

Board of Directors Meeting
February 28, 2024



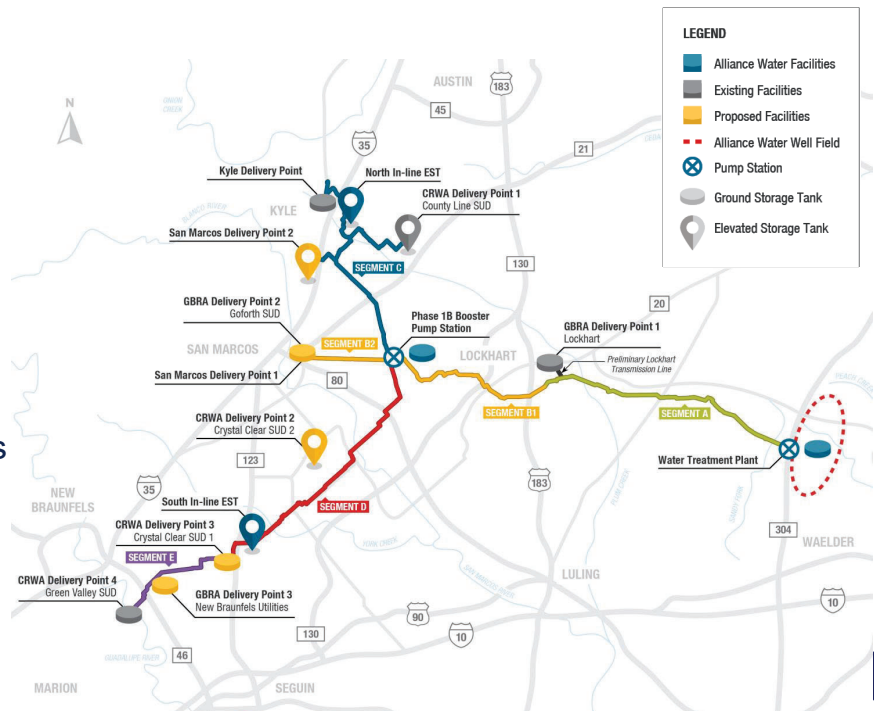
ALLIANCE WATER

Kimley»Horn
Expect More. Experience Better.

PRESENTED BY

Ongoing Progress

- ▶ North Inline Elevated Tank
 - Final Design Moving Forward
- ▶ TWDB Reviews
 - South Inline EST
 - Plans and Specs – Approved
 - Construction – Release of Funds Request – Awaiting Approval
 - Segment C
 - EFR – Awaiting Final Approval
 - Plans and Specs – Pending Submittal of Final Documents



ALLIANCE WATER

Pipeline Easement Acquisition Status

Pipeline Segment	Number of Parcels	STATUS						
		(A) Appraisal/Offer in Development	(B) Negotiation	(C) = (A+B) Appraisal / Negotiation	(D) Condemnation in Process	(E) = (C+D) Possession Still Needed	(F) Purchase Agreement Signed / Possession Obtained	Final Settlement Outstanding
A	39	0	0	0	0	0	39	4
B	47	0	0	0	0	0	47	14
D	60	0	0	0	0	0	60	14
C	76	3	5	8	2	10	66	32
E	36	0	0	0	0	0	36	11
Well Field	16	0	4	4	0	4	12	4
Total	274					14	260	79



Budget Update

COST UPDATES BASED ON DECEMBER MILESTONE SUBMITTALS/RESULTS

		PREVIOUS*	REVISED	
	Construction Package	ARWA Total Projected Cost	ARWA Total Projected Cost	DIFFERENCE
Submittal (%) Combined Program Infrastructure				
Const.	Water Treatment Plant	\$ 31,400,000	\$ 31,400,000	\$ 0
Const.	Booster Pump Station & GBRA Meter Stations	\$ 14,000,000	\$ 14,000,000	\$ 0
Const.	Inline EST (South)	\$ 4,500,000	\$ 4,500,000	\$ 0
Const.	Pipeline Segment A	\$ 31,000,000	\$ 31,000,000	\$ 0
Const.	Pipeline Segment B	\$ 38,000,000	\$ 38,000,000	\$ 0
Const.	Pipeline Segment D	\$ 49,200,000	\$ 49,200,000	\$ 0
Const.	Pipeline Segment E	\$ 17,800,000	\$ 17,800,000	\$ 0
	Subtotal	\$185,900,000	\$185,900,000	\$ 0
ARWA-Only Infrastructure				
Closed	Well Drilling	\$ 3,300,000	\$ 3,300,000	\$ 0
Const.	Raw Water Infrastructure	\$ 11,400,000	\$ 11,400,000	\$ 0
Const.	ARWA Booster Pump Station & Delivery Points	\$ 5,200,000	\$ 5,200,000	\$ 0
60	Inline EST (North)	\$ 7,200,000	\$ 7,200,000	\$ 0
95	Pipeline Segment C	\$101,800,000	\$101,800,000	\$ 0
Const.	Pipeline Segment E (ARWA-Only)	\$ 15,300,000	\$ 15,300,000	\$ 0
No Design	Administration and Operations Building	\$ 4,200,000	\$ 4,200,000	\$ 0
	Subtotal	\$148,400,000	\$148,400,000	\$ 0
	Total	\$334,300,000	\$334,300,000	\$ 0

*Previous budget updated as of December 2023

Budget Update

► Summary of Updates:

- Pipeline Segment C
 - Anticipated construction contract value incorporated with construction contingency
- Construction Contingencies
 - Updated based on status of construction for each project
- Construction Management, Inspection, & Testing Services
 - Updated / redistributed amongst the projects
- Easement Acquisition Projected Costs
 - Updated for each pipeline segment



Budget Update

Example cost breakdown showing overall Program costs for the Segment C Pipeline

PIPELINE SEGMENT C	
CONSTRUCTION	CONSTRUCTION
	CONSTRUCTION CONTINGENCY
LAND ACQUISITION	EASEMENT PURCHASE
	LEGAL
	LAND AGENT
	APPRAISAL TEAM
	SURVEY
	TITLE SERVICES
SUPPORT SERVICES	ENGINEERING
	DESIGN SURVEY
	ENVIRONMENTAL
	INSPECTION
	CONSTRUCTION MANAGEMENT
	TESTING
	PROGRAM MANAGEMENT
	SUBTOTAL (ROUNDED)



7

COST UPDATES BASED ON FEBRUARY MILESTONE SUBMITTALS/RESULTS				
		PREVIOUS*	REVISED	
	Construction Package	ARWA Total Projected Cost	ARWA Total Projected Cost	DIFFERENCE
Submittal (%)	Combined Program Infrastructure			
Const.	Water Treatment Plant	\$ 31,400,000	\$ 30,500,000	\$ (900,000)
Const.	Booster Pump Station & GBRA Meter Stations	\$ 14,000,000	\$ 13,700,000	\$ (300,000)
Const.	Inline EST (South)	\$ 4,500,000	\$ 4,400,000	\$ (100,000)
Const.	Pipeline Segment A	\$ 31,000,000	\$ 30,500,000	\$ (500,000)
Const.	Pipeline Segment B	\$ 38,000,000	\$ 39,700,000	\$ 1,700,000
Const.	Pipeline Segment D	\$ 49,200,000	\$ 48,500,000	\$ (700,000)
Const.	Pipeline Segment E	\$ 17,800,000	\$ 17,300,000	\$ (500,000)
	Subtotal	\$185,900,000	\$184,600,000	\$ (1,300,000)
	ARWA-Only Infrastructure			
Closed	Well Drilling	\$ 3,300,000	\$ 3,300,000	\$ 0
Const.	Raw Water Infrastructure	\$ 11,400,000	\$ 10,800,000	\$ (600,000)
Const.	ARWA Booster Pump Station & Delivery Points	\$ 5,200,000	\$ 5,200,000	\$ 0
60	Inline EST (North)	\$ 7,200,000	\$ 7,400,000	\$ 200,000
Const.	Pipeline Segment C	\$101,800,000	\$103,700,000	\$ 1,900,000
Const.	Pipeline Segment E (ARWA-Only)	\$ 15,300,000	\$ 15,100,000	\$ (200,000)
No Design	Administration and Operations Building	\$ 4,200,000	\$ 4,200,000	\$ 0
	Subtotal	\$148,400,000	\$148,400,000	\$ 1,300,000
	Total	\$334,300,000	\$334,300,000	\$ 0

*Previous budget updated as of December 2023



Questions?

ALLIANCE REGIONAL WATER AUTHORITY
 ATTN: GRAHAM MOORE
 1040 HIGHWAY 123
 SAN MARCOS, TX 78666

Please send payments to:
 KIMLEY-HORN AND ASSOCIATES, INC.
 P.O. BOX 951640
 DALLAS, TX 75395-1640

Federal Tax Id: 56-0885615

Invoice No: 068706606-0124
 Invoice Date: Jan 31, 2024
 Invoice Amount: \$ 104,968.99
 Project No: 068706606
 Project Name: ARWA PROGRAM YEAR 6
 Project Manager: SOWA, RYAN

Work Order No. 6
 Duration: March 2023 - Feb. 2024

Invoice Duration: 01/1/2024 - 01/31/2024

COST PLUS MAX

KHA Ref # 068706606.3-27219405

Description	Contract Value	Amount Billed to Date	Previous Amount Billed	Current Amount Due
PROGRAM MANAGEMENT PLAN UPDATES	5,455.00	800.00	800.00	0.00
STAKEHOLDER COORDINATION	160,793.00	93,134.87	81,483.55	11,651.32
BUDGETING	91,252.00	38,545.00	37,965.00	580.00
SCHEDULE	32,002.00	20,674.50	20,674.50	0.00
REPORTING	36,930.00	30,992.50	30,122.50	870.00
DATA MANAGEMENT	71,102.00	28,136.98	22,339.80	5,797.18
ENVIRONMENTAL MANAGEMENT	31,866.00	28,626.38	26,821.25	1,805.13
LAND ACQUISITION MANAGEMENT	294,091.00	303,097.77	284,575.03	18,522.74
TWDB MANAGEMENT	67,256.00	41,189.38	38,549.38	2,640.00
DESIGN STANDARDS	12,036.00	5,627.50	5,047.50	580.00
ENGINEERING DESIGN MANAGEMENT	77,716.00	98,987.00	83,462.50	15,524.50
QUALITY ASSURANCE	3,630.00	735.00	735.00	0.00
ELECTRICAL POWER PLANNING	7,325.00	290.00	290.00	0.00
PERMIT COORDINATION/TRACKING	19,702.00	17,725.75	15,352.75	2,373.00
PROCUREMENT AND CONSTRUCTION PHASE SERVICES	285,132.00	196,026.42	170,059.42	25,967.00
PROJECT ADMINISTRATION	17,888.00	32,158.00	22,305.00	9,853.00
OTHER SERVICES	141,826.00	102,294.67	93,625.67	8,669.00
ENVIRONMENTAL CONSTRUCTION PHASE SERVICES	266,369.00	67,613.01	67,476.88	136.13
Subtotal	1,622,371.00	1,106,654.71	1,001,685.72	104,968.99
Total COST PLUS MAX				104,968.99

Total Invoice: \$ 104,968.99

If you have questions regarding this invoice, please call 281-612-9031.

February 9, 2024

Project Monthly Summary

January 2024 Tasks Performed:

- Task 2 – Stakeholder Coordination
 - Coordination and/or meetings with entities including: Caldwell County, Guadalupe County, Bluebonnet Electric Coop, TxDOT, TCEQ, and TWDB.
 - Continued weekly task coordination with Alliance Water.
 - Prepare and present the Technical Committee Meeting Update.
 - Prepared and presented the Project Advisory Committee Meeting Update.
 - Prepared and presented the Board Meeting Update.
 - Prepared for and held Monthly Status Meeting with Alliance Water.
- Task 3 – Budgeting
 - Prepared and presented the monthly update for the Technical Committee and Board meetings.
 - Continued updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.
- Task 4 – Schedule
 - Integrated each project schedule into overall Program schedule.
- Task 6 – Data Management
 - Continued tracking the number of easements with final settlement outstanding.
 - Ongoing maintenance of Microsoft SharePoint Online program.
 - Continued updating of web-based GIS for easement acquisition process and alignment changes.
- Task 7 – Environmental Management
 - Continued coordination between Program Environmental Consultant and Design Engineers.
- Task 8 – Land Acquisition Management
 - *Continued negotiations with remaining Segment C parcels.*
 - Coordinated with Program Survey Consultant, Program Environmental Consultant, and Land Acquisition legal team to address questions that arise as part of the field work coordination process.
 - Performed weekly QC of parcel files in SharePoint, provided comments to Land Acquisition legal team.
 - Biweekly coordination meeting with Legal Land Acquisition team to discuss status of easement acquisition proceedings and to provide Program clarification on any questions/requests that have come from landowners.

Alliance Water – Phase 1B Infrastructure – Owner’s Representative

- Reviewed Program Appraiser and Program Survey invoices.
- Continued field work coordination to notify landowners of upcoming field work by consultants as needed.

- Task 9 – Texas Water Development Board Management
 - Coordinated with TWDB staff to track the status of funding release requests as well as plans and specifications under review.
 - Continued coordination with ARWA, GBRA, and TWDB Staff to track all documents currently under review.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Continue coordination with Design Consultant for construction phase services.
 - Segment B
 - Continued coordination with Design Consultant for construction phase services.
 - Segment C
 - Continued coordination with Design Consultant for procurement phase services.
 - Continued coordination with Design Consultant regarding ongoing pipeline alignment considerations.
 - Segment D
 - Continue coordination with Design Consultant for construction phase services.
 - Segment E
 - Continue coordination with Design Consultant for construction phase services.
 - Raw Water Infrastructure:
 - Continued coordination with Design Consultant for construction phase services.
 - Water Treatment Plant:
 - Continued coordination with Design Consultant for construction phase services.
 - Booster Pump Station:
 - Coordinated with Design Consultant for construction phase services.
 - Inline Elevated Storage Tanks:
 - Continued coordination with Design Consultant for construction phase services for the South Inline Elevated Storage Tank.
 - Continued coordination with Design Consultant for final design development for the North Inline Elevated Storage Tank.
 - Other:

Alliance Water – Phase 1B Infrastructure – Owner’s Representative

- Monthly progress meetings with all Design Consultants (pipelines, water treatment plant, raw water infrastructure, wellfield, booster pump station).
 - Review invoices, schedules, and risk logs for consultants.
- Task 14 – Permit Coordination/Tracking
 - Continued Permit coordination with Pipeline Consultants.
 - Continued coordination with Caldwell, Guadalupe, and Hays County TxDOT offices concerning roadway crossings.
 - Continued coordination with Caldwell, Guadalupe, and Hays Counties regarding on going permit reviews.
 - Continued General Coordination with GVEC, BBEC, and LCRA.
 - On-going Permit Tracking Log Updates.
- Task 15 – Procurement and Construction Phase Services
 - *Coordination with Segment C Design Consultant and ARWA for Segment C Procurement.*
 - On-going coordination with WTP, RWI, BPS, Segment A, Segment B, Segment D, Segment E, and South Inline EST Design Consultants during the construction phase.
 - Continued coordination with the Construction Management & Inspection team.
- Task 16 – Other Services
 - *Responded to City of San Marcos comments for the submitted City of San Marcos Watershed Protection Plan for the parcels to be platted near the Booster Pump Station.*
- Task 18 – Environmental Construction Services
 - Attended construction status meetings.
 - Performed migratory bird nesting surveys.

February 2024 Projection:

- Task 2 – Stakeholder Coordination
 - Coordination and/or meetings with entities including: Caldwell County, Guadalupe County, GVEC, Bluebonnet Electric Coop, TxDOT, TCEQ, and TWDB.
 - Continue weekly task coordination with Alliance Water.
 - Prepare and present the Technical Committee Meeting Update.
 - Prepare and present Project Advisory Committee Meeting Update.
 - Prepare and present Board Meeting Update.
 - Prepare for and hold Monthly Status Meeting with Alliance Water.
- Task 3 – Budgeting

Alliance Water – Phase 1B Infrastructure – Owner’s Representative

- *Support ARWA staff in the continued budget presentation updates to the Technical Committee and Board Meetings.*
- Prepare and present the monthly update for the Technical Committee and Board meetings.
- Continue updates to Budget Workbook to include monthly tracking of actual costs for ARWA review.

- Task 4 – Schedule
 - Integrate each project schedule into overall Program schedule. Develop and distribute schedule update and memorandum.

- Task 6 – Data Management
 - Continue tracking the number of easements with final settlement outstanding.
 - Continue coordination with ARWA and Construction Management & Inspection Team to integrate construction data collected on the new GIS WebMap.
 - Ongoing maintenance of Microsoft SharePoint Online program.
 - Continue updating of web-based GIS for easement acquisition process and alignment changes.

- Task 7 – Environmental Management
 - Continue coordination between Program Environmental Consultant and Design Engineers.

- Task 8 – Land Acquisition Management
 - *Continue negotiations with remaining Segment C parcels.*
 - Coordinate the appraisal process for Segment C and W parcels.
 - Coordinate with Program Survey Consultant and Design Consultants to address questions that arise as part of the field work coordination process.
 - Perform weekly QC of parcel files in SharePoint, provide comments to Legal Land Acquisition team.
 - Weekly coordination meeting with Legal Land Acquisition to discuss status of easement acquisition proceedings and to provide Program clarification on any questions/requests that have come from landowners.
 - Review Program Appraiser and Program Survey invoices.
 - Continue field work coordination to notify landowners of upcoming field work by consultants as needed.

- Task 9 – Texas Water Development Board Management
 - *Coordinate with Program PM and Design Consultants to prepare additional Funding Release documentation.*
 - Continue coordination with ARWA, GBRA, and TWDB Staff to track all documents currently under review as well as preparation of funding release requests.

Alliance Water – Phase 1B Infrastructure – Owner’s Representative

- Task 10 – Design Standards
 - Review Construction Standards given questions arising from construction activities and coordinate with the Program Design Consultants as needed.

- Task 11 – Engineering Design Management
 - Pipelines:
 - Segment A
 - Continue coordination with Design Consultant for construction phase services.
 - Segment B
 - Continue coordination with Design Consultant for construction phase services.
 - Segment C
 - *Continue coordination with Design Consultant for construction phase services.*
 - Segment D
 - Continue coordination with Design Consultant for construction phase services.
 - Segment E
 - Continue coordination with Design Consultant for construction phase services.
 - Raw Water Infrastructure:
 - Continue coordination with Design Consultant for construction phase services.
 - Water Treatment Plant:
 - Continue coordination with Design Consultant for construction phase services.
 - Booster Pump Station:
 - Continue coordination with Design Consultant for construction phase services.
 - Inline Elevated Storage Tanks:
 - Continue coordination with Design Consultant for construction phase services for the South Inline Elevated Storage Tank.
 - Continue coordination with Design Consultant for final design development for the North Inline Elevated Storage Tanks.
 - Other:
 - Monthly progress meetings with all Design Consultants (pipelines, water treatment plant, raw water infrastructure, wellfield, booster pump station).
 - Review invoices, schedules, and risk logs for consultants.

- Task 14 – Permit Coordination/Tracking
 - Continue Permit coordination with Pipeline consultants
 - Coordinate with Hays County concerning the Site Development Permit.
 - General Coordination with TxDOT.

Alliance Water – Phase 1B Infrastructure – Owner’s Representative

- Coordinate with Caldwell, Guadalupe, and Hays County TxDOT offices concerning roadway crossings.
- Continue General Coordination with GVEC, BBEC, and LCRA.
- On-going Permit Tracking Log Updates.
- Task 15 – Procurement and Construction Phase Services
 - *Coordination with Segment C Design Consultant and ARWA for Segment C Construction Phase Services.*
 - On-going coordination with WTP, RWI, BPS, Segment A, Segment B, Segment D, Segment E, and South Inline Elevated Storage Tank Design Consultants during the construction phase.
 - On-going coordination with the Construction Management & Inspection team.
- Task 16 – Other Services
 - *Receive and address any remaining comments for the City of San Marcos Watershed Protection Plan for the parcels to be platted near the Booster Pump Station.*
- Task 18 – Environmental Construction Services
 - Attend construction status meetings.
 - Perform migratory bird nesting surveys.

Scope Elements Added/Removed:

None at this time.

Outstanding Issues/Concerns:

None at this time.

HUB Participation:

22.0% Allocated by Contract (based on contract total fee)

27.5% to date of Billing

Sub Consultant	Sub Consultant Certifications	Task Description	Contract Value (\$)	Percent Complete to Date (%)	Amount Billed to Date (\$)	Amount Paid to Date (\$)
Foster CM Group, Inc.	DBE; AABE; MBE; SBE	Budgeting, Schedule, and Data Management	\$ 93,880.00	47.9%	\$ 44,990.00	\$ 41,690.00
Grubb Engineering, Inc.	ESBE; SBE; WBE	Electrical Power Planning	\$ 5,000.00	0.0%	\$ -	\$ -
Spitzer and Associates, Inc.	SBE; WBE	Land Acquisition Management	\$ 253,970.00	102.3%	\$ 259,843.43	\$ 259,843.43
V&A Consulting Engineers, Inc.	SBE; HABE; MBE	Cathodic Protection Standards	\$ 4,755.00	0.0%	\$ -	\$ -
Subtotal			\$ 357,605.00	85.2%	\$ 304,833.43	\$ 301,533.43

*Given ownership changes, CP&Y, an STV Company is no longer a HUB Certified.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.

San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.4** Consider adoption of Resolution 2024-02-28-002 awarding a construction contract to McKee Utility Contractors, LLC for the Phase 1B Segment C Pipeline Project, contingent upon approval of the award by the Texas Water Development Board. ~
Graham Moore, P.E., Executive Director
-

Background/Information

Alliance Water sought proposals for the Phase 1B Segment C Pipeline Project starting in December 2023 with proposals submitted on January 15, 2024. In accordance with the Authority's policies and Texas Water Development Board (TWDB) requirements, the project was advertised for two consecutive weeks in the Hays Free Press and in the Lockhart Post-Register.

The project includes approximately 7.2 miles of 42-inch pipeline, 6.6 miles of 36-inch pipeline, 2.8 miles of 30-inch pipeline, 0.7 miles of 24-inch pipeline and 5.1 miles of 12-inch pipeline and related appurtenances. The bid was setup for additive alternates of pipe material (ductile iron, concrete steel cylinder and welded steel).

A total of six proposals were received. The bidding documents utilized a Competitive Sealed Proposal (CSP) process whereby cost is considered but so too are the qualifications of the contractor to perform the work. The proposals were reviewed by a committee of five members – the total scoring for the group is attached. The CSP process allows for the possibility of negotiating changes in scope and cost with the highest scoring offeror.

A review committee consisting of the ARWA Staff, the Program Management Team (Kimley-Horn), the Design Engineer (BGE) and the Construction Management & Inspection Team (Pape-Dawson) each reviewed and ultimately recommend that Staff be authorized to enter into negotiations with the highest scoring offeror, which is McKee Utility Contractors, LLC (McKee).

At the January 2024 Board meeting Resolution 2024-01-24-003 was adopted by the Board confirming the scoring of the Segment C responses to proposals and authorizing the Executive Director to enter into negotiations with the highest scoring proposer, McKee.

As a result of the negotiations, Staff is recommending that the Board award the contract to McKee with the inclusion of a reduction in price of \$300,000 and a reduction in schedule for the majority of the pipeline project of 30 days.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

Attachment(s)

- Segment C Recommendation Presentation
- Resolution 2024-02-28-002

Board Decision(s) Needed:

- Adoption of Resolution 2024-02-28-002 awarding a construction contract to McKee Utility Contractors, LLC for the Phase 1B Segment C Pipeline Project, contingent upon approval of the award by the Texas Water Development Board.

Alliance Regional Water Authority

Segment C – Recommendation of Construction Award

February 28, 2024



1

1

Meeting Agenda

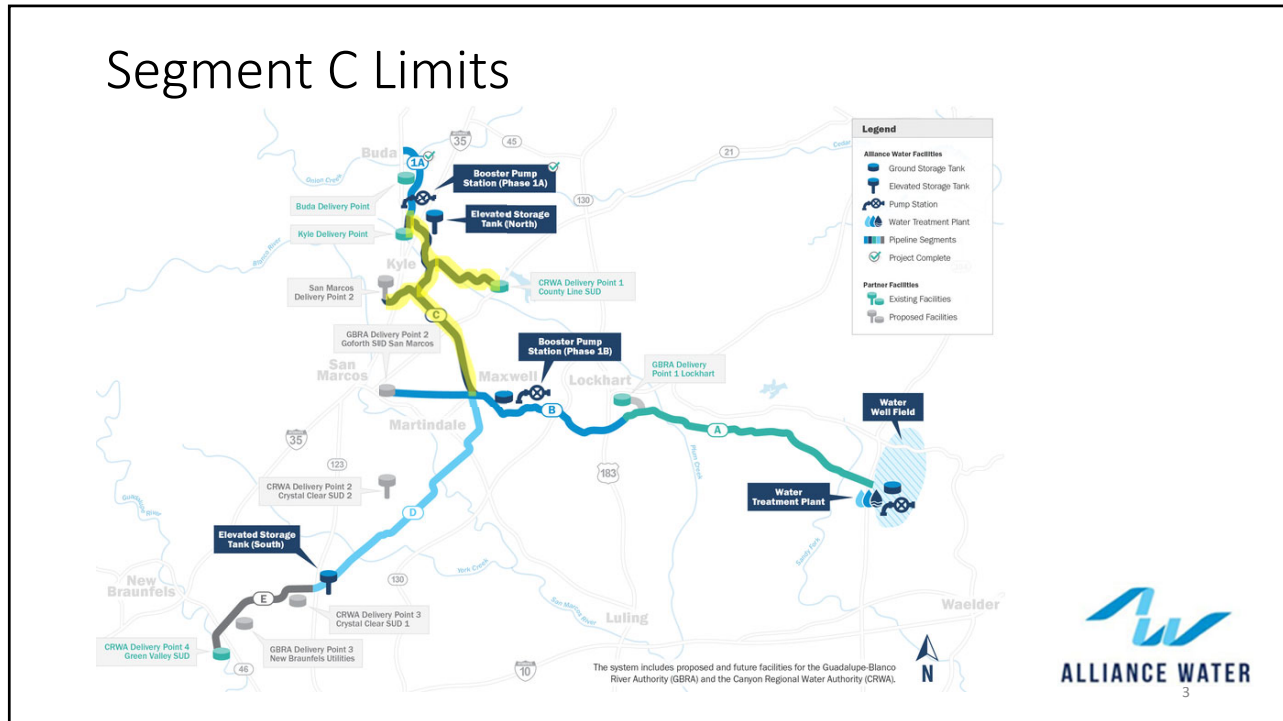
Segment C Pipeline

- Summary of Proposals Received
- Review Team Total Combined Score
- Proposal Pricing
- Negotiated Agreement Terms
- Schedule
- Recommendation



2

Segment C Limits



3

Criteria for Selection

- Proposal Price (40 Points)
- Quality Reputation, and Ability to Complete Similar Projects on Schedule and Within Budget (20 Points)
- Key Personnel (15 Points)
- Project Approach (15 Points)
- Safety Record (5 Points)
- Historically Underutilized Business (HUB) Program Compliance Plan (5 Points)

4

Review Team Total Combined Score

Criteria	Garney	SJ Louis	BELT	Mountain Cascade	Harper Brothers	McKee
Proposal Price (40 Points)	33.9	30.1	31.1	34.5	25.8	40.0
Quality, Reputation, and Ability to Complete Similar Projects on Schedule and Within Budget (20 Points)	18.0	17.0	12.6	14.0	14.8	15.0
Key Personnel (15 Points)	13.8	10.8	11.0	10.8	12.0	12.6
Project Approach (15 Points)	13.6	12.8	12.2	11.6	12.0	14.2
Safety Record (5 Points)	4.4	4.4	3.4	3.4	3.2	4.6
Historically Underutilized Business (HUB) Program Compliance Plan (5 Points)	4.8	3.4	3.8	3.8	2.4	4.8
Total (100 Points Possible)	88.5	78.5	74.1	78.1	70.2	91.2

5

5

ARWA Segment C Cost Proposal

Bid Item	McKee
Base Bid	\$28,059,088.75
Alt A – Concrete Pressure Pipe	\$37,185,911.25
Alt A – Reduced Schedule	\$1.00
Base Bid + Alt As	\$65,245,001.00
Alt B – Steel Pipe	\$38,188,911.25
Alt B – Reduced Schedule	\$1.00
Base Bid + Alt Bs	\$66,248,001.00

ARWA Budget for Segment C = \$64,300,000



6

Negotiated Terms

1. Additional credit offered by pipe manufacturer for the use of Concrete Pressure Pipe (C303).

Savings - \$300,00.00

2. Further reduction in construction schedule.

Time Savings – 30 Calendar Days



7

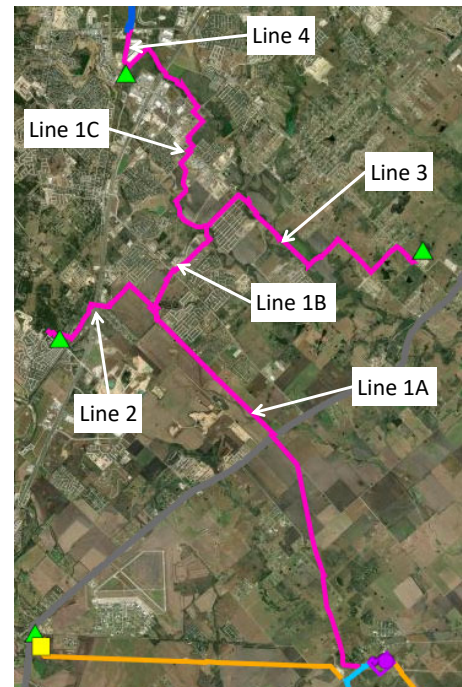
Schedule

Original

- Completion of Line 1A – January 15, 2025
- Completion of Lines 1B, 1C, 2, 3 & 4 – October 31, 2025

Negotiation Schedule

- Completion of Lines 1A, 1B, 1C, 3 & 4 – February 28, 2025
- Completion of Line 2 – October 31, 2025



8

Recommendation

- It is recommended that **McKee Utility Contractors, LLC** be selected as the General Contractor for the Alliance Regional Water Authority Segment C Project.
- Award Bid Alternative A for **concrete pressure pipe**, along with negotiated terms reducing the total award amount to **\$64,945,001**, and the substantial completion contract time for Lines 1, 3 and 4 to **315 calendar days**.





ALLIANCE WATER

RESOLUTION NO. 20240228-002

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS AWARDING A CONTRACT TO MCKEE UTILITY CONTRACTORS, LLC FOR THE PHASE 1B TREATED PIPELINE SEGMENT C PROJECT CONTINGENT UPON APPROVAL OF THE AWARD BY THE TEXAS WATER DEVELOPMENT BOARD AND CONTINGENT UPON THE BIDDER'S TIMELY SUBMISSION OF SUFFICIENT BONDS AND INSURANCE IN ACCORDANCE WITH THE BID DOCUMENTS FOR THE PROJECT; AUTHORIZING THE CHAIR OF THE BOARD TO EXECUTE CONTRACT DOCUMENTS AND DECLARING AN EFFECTIVE DATE

RECITALS:

- 1.** The Alliance Regional Water Authority ("Alliance Water") sought proposals for the Phase 1B Treated Pipeline Segment C Project (the "Project") in accordance with Alliance Water's purchasing policies and the Texas Water Development Board ("TWDB") guidelines.
- 2.** The Project request for proposals included a Base Proposal Amount with six Add Alternate Items for three different pipe materials, and a corresponding three with schedule reductions.
- 3.** Alliance Water received six proposals for the Project which were reviewed and scored by a committee that determined the proposal from McKee Utility Contractors, LLC ("McKee") provides the best value to Alliance Water.
- 4.** The Alliance Water Board of Directors adopted Resolution 20240124-003 on January 24, 2024 confirming the scoring of the proposals for the Project and authorizing Staff to negotiate changes in scope and/or time modifications to the contract that result in modifications to the Project.
- 5.** McKee has agreed to modifications to the contract as identified in Attachment A to this resolution that result in significant cost and time savings for the Project.
- 6.** BGE, Inc., the design engineer for the Project, recommends that Alliance Water award the contract to McKee for the Project.
- 7.** Alliance Water Staff is in the process of submitting the bidding information to TWDB to allow TWDB to review and approve the proposed contract, as required for projects funded by the TWDB.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The award of a construction contract to McKee Utility Contractors, LLC for the Phase 1B Treated Pipeline Segment C Project in the Base Proposal amount of \$28,059,088.75 along with Add Alternate A in the amount of \$36,885,912.25 for concrete pressure pipe for a total award amount of \$64,945,001.00 with 315 calendar days to reach substantial completion for Line 1, Line 3 and Line 4 , contingent upon the bidder's timely submission of sufficient bonds and insurance in accordance with the bid documents for the Project and contingent upon approval of the proposed contract by the TWDB.

SECTION 2. The Project is funded through funds secured through the Texas Water Development Board.

SECTION 3. The Chair Alliance Water's Board of Directors, Chris Betz, is authorized to execute the contract documents for the Project on behalf of Alliance Water.

SECTION 4. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: February 28, 2024

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

Attachment A



Sent via email only to gmoore@alliancewater.org

February 16, 2024

Graham Moore, P.E.
Executive Director
Alliance Regional Water Authority
630 E. Hopkins
San Marcos, TX 78666

Subject: Revised Value Engineering Proposal for Phase 1B Segment C

Dear Mr. Moore:

McKee Utility Contractors, LLC ("McKee") submits the following revised Value Engineering ("VE") Credit options for the Alliance Regional Water Authority's consideration:

Pricing

Revised VE Option 3 - Award Bar-Wrap Pipe Option in lieu of Steel Pipe 1 LS - (\$300,000.00)

Scope

Revised VE Option 3 – Award Bar-Wrap Pipe Option – In consideration of awarding the Bar-Wrap Pipe Option in lieu of Steel Pipe, McKee will reduce its proposal pricing by \$300,000.00 with an intermediate substantial completion deadline of 315 days with the Notice to Proceed dated April 15, 2024.

McKee looks forward to a successful Phase 1B Segment C project with the Alliance Regional Water Authority.

Sincerely,

A handwritten signature in black ink that reads "Shane McKee".

Shane McKee
Chief Executive Officer

McKee Utility Contractors, LLC
2319 W. Main Street
Prague OK 74864
(405) 567-3666

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.5** Consider adoption of Resolution 2024-02-28-003 approving Work Order #6 with BGE, Inc. for Construction Administration Services on the Authority's Phase 1B Segment C Pipeline Project, as recommended by the Technical Committee. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

Alliance Water entered into a Work Order in April 2022 with BGE, Inc. (BGE) to provide final design engineering services for the Phase 1B Segment C Pipeline project. The final design is complete and the construction notice-to-proceed is expected to be issued soon. In order to maintain progress, Staff has negotiated a scope and fee with BGE to provide construction administration and construction engineering services for the Phase 1B Segment C Pipeline project.

Below are some of the key facts regarding the proposal:

Firm: BGE, Inc.
Fee: \$783,708 (100% ARWA)
Work Order Type: Hourly, Not-to-Exceed
Anticipated Duration: 23 months
Project Manager: Brian Rice, P.E.

Staff is requesting that the Committee recommend Board approval of a Work Order with a fee for the basic services of \$472,841 and a fee for supplemental effort in an amount not-to-exceed \$310,867 for a total fee of \$783,708. The Executive Director will be given the discretion to authorize the supplemental effort if needed.

Attachment(s)

- Resolution 2024-02-28-003
- February 6, 2024 – Segment C Pipeline Construction Phase Services

Recommendation

- The Technical Committee unanimously recommended approval of the work order with BGE.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

Board Decision(s) Needed:

- Adoption of Resolution 2024-02-28-003 approving Work Order #6 with BGE, Inc. for Construction Administration Services on the Authority's Phase 1B Segment C Pipeline Project.



ALLIANCE WATER

RESOLUTION NO. 20240228-003

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING WORK ORDER #6 BETWEEN THE AUTHORITY AND BGE, INC. FOR CONSTRUCTION ADMINISTRATION PHASE SERVICES RELATED TO THE AUTHORITY'S PHASE 1B TREATED WATER SEGMENT C PIPELINE PROJECT POINTS PROJECT AND RELATED MATTERS, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. Alliance Regional Water Authority (the "Authority") entered into a master agreement with BGE, Inc. ("BGE") for professional engineering services and related matters in May 2016.

2. The Authority hired Kimley-Horn & Associates to serve as the Owner's Representative for the Authority's Phase 1B Program. The Owner's Representative role is to assist the Authority with development of the Phase 1B Program as a whole, including coordination with all design firms after selection through completion of the Program.

3. The Authority entered into a work order with BGE for preliminary design services for the Authority's Phase 1B Segment C Project (the "Project") in Mayr 2018. The Authority and BGE entered into a subsequent work order for Final Design and Bidding of the Project in April 2020.

4. The bid opening for the Project is complete and the Authority anticipates issuing a notice-to-proceed to the selected construction contractor in the near future.

5. The scope of services and fee for the attached work order was negotiated by the Executive Director and the Owner's Representative on behalf of the Authority. The work order references terms and conditions in the approved Master Agreement between the Authority and BGE.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The attached work order for Construction Administration Services for the Project between the Authority and BGE is approved to be billed based on actual time and materials in an amount not-to-exceed \$472,841.

SECTION 2. The Authority's Executive Director, Graham Moore, is authorized to execute the attached agreement on behalf of the Authority.

SECTION 3. The Authority's Executive Director is authorized to issue supplemental work orders not to exceed \$310,867.

SECTION 4. This Resolution shall be in full force and effect immediately upon its passage.

Resolution 20240228-003
Phase 1B Treated Water Segment C Pipeline Project Construction Administration

ADOPTED: February 28, 2024

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

February 6, 2024

Mr. James Bryan, P.E.
1BSC Project Manager
601 NW Loop 410 Suite 350
San Antonio, TX 78216

Re: Alliance Regional Water Authority Pipeline Segment C
Construction Phase Services Scope and Fee

BGE, Inc. (BGE) is pleased to submit this proposal for construction phase services for the Alliance Regional Water Authority Phase 1 Pipeline Segment C. We propose to perform the Basic and Supplemental Services described in the attached scope in accordance with the breakdown below.

TASK	FEE
Task 1 - Project Management	\$21,481
Task 2 - Regulatory Agency and Public Agency Permits and Coordination	\$15,150
Task 3 - Construction Site Visits and Progress Meetings	\$103,304
Task 4 - Construction Coordination	\$109,079
Task 5 - Shop Drawing and Submittal Review	\$47,228
Task 6 - Alternatives and Substitutions	\$15,430
Task 7 -Request for Information (RFIs)	\$21,330
Task 8 - Request for Proposals (RFPs) and Change Orders (COs)	\$27,380
Task 9 - Substantial / Final Completion Walk-Throughs	\$45,014
Task 10 - Record Drawings	\$26,728
Task 11 - Design Adjustments related to Adjacent Projects, New Developments, and Planned Adjustments	\$12,888
Task 12 - Corrosion Investigation, Data Collection and Design Support	\$27,828
Subtotal Basic Services	\$472,841
Task 13 - Supplemental Services	\$310,867
Total Basic and Supplemental Services	\$783,708

We appreciate the opportunity to provide our services to the Authority and look forward to discussing this proposal with you at your convenience.

Sincerely,

Brian D. Rice, P.E.
Director, Public Works
BGE, Inc.

Attachments:

- 1) Scope of Work
- 2) Fee Proposal

Attachment A

Alliance Regional Water Authority – Phase 1B Segment C Construction Phase Services Pipeline Scope of Work

Pipeline Segment C includes approximately 118,000 linear feet (LF) of new 42-inch, 36-inch, 24-inch, and 16-inch water transmission main (WTM) that will interconnect the Phase 1B Booster Pump Station near Maxwell to the Phase 1B program delivery points at San Marcos #2, Kyle, and County Line Special Utility District (CLSUD). The following provides the scope of work to provide construction phase services and supplemental design services for changed conditions due to development or other circumstance during construction. This proposal assumes a construction duration of 620 calendar days with an intermediate system substantial completion (City of Kyle and County Line USD) substantial completion and total system substantial completion of 560 calendar days.

Scope of Work

1. Project Management
 - 1.1. Prepare Monthly Summary Reports/Invoicing as identified in the ARWA Phase 1B Program Management Plan (23 months – 21 construction and 1 month before and after construction)
2. Regulatory Agency and Public Agency Permits and Coordination
 - 2.1. Coordinate crossings, permits, and update communications with regulatory and public agencies. These agencies include UPRR, Hays County, City of Kyle, City of San Marcos, City of Umland, County Line SUD, GBRA, Plum Creek Conservation District, Vista Ridge, Kinder Morgan, Centerpoint, Enterprise Gas, and Pedernales Electric Cooperative (PEC).
3. Construction Site Visits and Progress Meetings
 - 3.1. Pre-Construction Meeting
 - 3.1.1. Attend a pre-construction meeting coordinated by the Construction Management and Inspection (CM&I) team.
 - 3.2. Pre-Construction Meetings for specific locations / crossings (IH-35/UPRR, UPRR at Kohlers Crossing, Historic Rock Wall, and Plum Creek (at Line 3 Spur)).
 - 3.3. Site Observation (21 months)
 - 3.3.1. Site observations will be limited to spot checking, selective measurement, and similar methods of general observation. Based on information obtained during site visits, Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Consultant will keep Client informed of the general progress of the work. Consultant is not required to make exhaustive or continuous inspections to check the quality or quantity of the Work. In this effort, Consultant will endeavor to protect the Owner against defects and deficiencies in the work of Contractor and will report any observed deficiencies to CMI&I. Consultant's visits and observations are subject to the limitations on Consultant's authority and responsibility described in the General Conditions. Consultant will visit the project up to two times per month for the 21-month duration.

Consultant will not supervise, direct, or have control over Contractor's work, nor shall Consultant have authority to stop the Work or have responsibility for the means, methods,

techniques, equipment choice and usage, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for any failure of Contractor to comply with any laws. Consultant does not guarantee the performance of any Contractor and has no responsibility for Contractor's failure to perform its work in accordance with the Contract Documents. Consultant is to inform the CM&I of issues or concerns and CM&I is to work with Contractor to address these issues or concerns.

- 3.3.2. Site observation reports will be prepared and provided to the CM&I team via the CM&I Electronic Document Management System (EDMS) within 48 hours of each site visit.
- 3.3.3. Notify CM&I team of inconsistencies with observed worked with respect to Contract Documents.
- 3.4. Monthly Construction Progress Meetings (10 in-person and 11 virtual meetings or phone conferences)
 - 3.4.1 Attend Progress Meetings led by the CM&I team. Discuss status of document reviews, proposed contract modifications and any issues or concerns that need to be addressed to allow construction of the project to progress.
 - 3.4.2 Review Project Decision Register and Action Item Register prior to each meeting. Report discrepancies in the Project Decision Register to the CM&I team immediately. Update the status on Action Items at least 5 days before meetings.
 - 3.4.3 Review monthly Construction Activity Reports prepared by the CM&I team. Provide feedback on report content as appropriate.
- 3.5 Pipeline installation prove-out meeting / site visit.
- 4. Construction Coordination
 - 4.1. Regular coordination with Owner's Representative and CM&I group as required to facilitate administration of the project. (Assume 14 hours per month total for consultant team)
 - 4.2. Participate in project quality audits as necessary, and implementation of agreed corrective actions. Attend up to four (4) meetings related to quality issues during construction.
 - 4.3. Review monthly construction pay applications and make recommendations for payment (23 pay applications).
 - 4.4. Review monthly schedules to confirm compliance with Contract dates and key milestones (23 monthly schedules)
 - 4.5. Review monthly as-builts provided by Contractor (23 monthly as-builts)
 - 4.6. Utilize Electronic Document Management System for upload/download of all construction related documentation.
- 5. Shop Drawing / Submittal Review
 - 5.1. Review shop drawings/submittals for conformance with the project plans and specifications and provide responses within 10 working days (Assume up to 70 submittals). Assume 35 shop drawings, 10 record data, and 25 certified test reports. Assume review effort will include the original submittal and first resubmittal.
 - 5.2. Attend one pre-submittal meeting (each) for valves and pipe if needed to accelerate submittal preparation.
- 6. Alternatives and Substitutions

- 6.1. Review alternatives and substitutions proposed by Contractor. Recommend acceptance or rejection of the request for substitutions. Assume review of up to 10 alternatives/substitutions. Reviews will be completed within 10 working days.
7. Request for Information (RFIs)
 - 7.1. Review Contractor questions or concerns that may arise during construction and respond within 5 calendar days. Assume 30 RFIs.
8. Request for Proposals (RFPs) and Change Orders (COs)
 - 8.1. Coordinate with CM&I to prepare a description of proposed Modifications. CM&I will issue the RFP form to Contractor through the EDMS.
 - 8.2. Coordinate with CM&I for review and response to RFP and provide recommendations to the Owner's Representative for consideration. Assume up to 10 RFPs.
 - 8.3. Review COs prepared by the CM&I team (assume up to 10 COs).
 - 8.3.1. Prepare final CO (additions and deductions) recapitulation of the Project in conjunction with the final pay request.
9. Substantial/Final Completion Walk-Throughs
 - 9.1. Intermediate System (Line 1 Sta 19+12 to Sta 743+96, Line 3 Sta 20+00 to Sta 287+56, and Line 4 Sta 1+00 to Sta 4+04, for water delivery to City of Kyle and County Line SUD) - Conduct one (1) substantial completion walk-through/inspection, coordinated by the CM&I. After considering any objections from Owner's Representative, if the Consultant considers the work substantially complete, Consultant will submit a Substantial Completion punch list and letter to the Owner's Representative.
 - 9.2. Remaining System - Conduct one (1) substantial completion walk-through/inspection, coordinated by the CM&I. After considering any objections from Owner's Representative, if the Consultant considers the work substantially complete, Consultant will submit a Substantial Completion punch list and letter to the Owner's Representative.
 - 9.3. Full System - Conduct one (1) final completion walk-through/inspection (coordinated by the CM&I) to determine if the completed work of Contractor is acceptable to both the Owner's Representative and Consultant so that Consultant may recommend, in writing, the final payment to the Contractor.
10. Record Drawings
 - 10.1. Consultant will prepare Contract Record Drawings using the marked up red lines drawings provided by the Contractor during construction. Record drawing information will be based solely on the provided red line drawings and appropriate field documentation received from the Consultant and the CM&I group during construction site visits. Items associated with this work include:
 - 10.1.1. Prepare final Change Order (additions and deductions reconciliations) recapitulation of the Project in conjunction with the final pay request.
 - 10.1.2. Prepare Record Drawings of the constructed project based on change order revisions and as built information provided by the contractor.
 - 10.1.3. Provide the Owner's Representative:
 - 10.1.3.1. With one (1) set of Record Drawings in .pdf and .dwg electronic format.
 - 10.1.3.2. The DWG file with the reference state plan coordinate system for use by ARWA.
11. Design Adjustments related to Adjacent Projects, New Developments, and Planned Adjustments

11.1. Attend meetings with consultants responsible for adjacent ARWA projects including Kyle Delivery Point / Water Distribution Project, County Line SUD Delivery Point, San Marcos Delivery Point #2, and ARWA North In-line EST to coordinate designs and implement any updates needed for Segment C.

12. Corrosion Investigation, Data Collection and Design Support

12.1. Construction Phase Corrosion Services

12.1.1. Attend a pre-commissioning site visit prior to testing

12.1.1.1. Conduct an alignment walk-thru and develop punch list of deficient items

12.1.1.2. Attend a site visit to review Contractor's method of checking continuity and isolation along pipeline and check continuity testing performed by contractor (maximum 2 days of site visits)

12.1.2. Commissioning/Testing

12.1.2.1. Attend and witness testing performed by contractor

12.1.2.2. Prepare Commissioning Report and develop post-commissioning punch list

13. Supplemental Services

Consultant to provide additional services required during construction to facilitate project completion. The scope of services for these tasks are not defined. As such, tasks will be performed on an hourly basis with the not to exceed value estimated and design schedule agreed upon prior to commencement of work.

13.1. Consultant to develop revised designs due to changed conditions within the final alignment design. These can include revisions due to land negotiations (e.g. Lehman Road extension revision in CO44H and 45H), new developments within or adjacent to the ARWA easement or adjacent ROW that impact the design, construction, and operations of Segment C pipeline (e.g. LCRA facility on C004, Post Road Housing, Waterstone Road, etc.).

13.1.1. Site visits, development design review and coordination, communication/meetings with landowners and development engineers.

13.1.2. Develop revised plans for pipeline adjustments/relocations to include Plan and Profile, Erosion Control, Cathodic Protection, and Project Specific Details related to redesign efforts. These designs will be performed on an accelerated timeline to reduce or eliminate contractor delays. Timeline for re-design will be agreed to with Owner prior to beginning of design. Design packages will be submitted as Final Draft for the Program review (up to 3 days) and revised per comments to Final Documents within 2 weeks. Geotechnical investigations, survey, and cathodic protection, as needed, will be performed under separate supplemental services tasks.

13.2. Consultant to provide survey if as-builts, record drawings, and site visits are not sufficient to revise the design. Surveying may also include verifying / reset horizontal and vertical control points for construction purposes.

13.3. Consultant to provide cathodic protection design revisions, as required based on the extent of the design adjustment.

13.4. Consultant to provide additional geotechnical investigation (Borings, Piezometers, and GBR as required based on the extent of the design adjustment.

13.5. General Construction Phase Services, which may include:

13.5.1. Additional site visits (10 additional site visits)

13.5.2. Additional submittal review (10 additional shop drawings and/or RFIs)

13.5.3. Additional monthly progress meetings (10 additional progress meetings)

- 13.5.4. Assisting Owner in preparing for, or appearing at litigation, mediation, arbitrations dispute review boards, or other legal and/or administrative proceedings in the defense or prosecution of claims disputes with Contractor.
- 13.5.5. Assisting Owner in the defense of prosecution of litigation in connection with or in addition to those services contemplated by this Agreement.
- 13.5.6. Any services required as a result of default of the Contractor or the failure, for any reason, of the Contractor to complete the work within the Contract Time.

Assumptions

1. If water line re-design is required due to the realignment of Lehman Road, north of Bunton Creek Road, the environmental efforts for the re-design will be provided by others.
2. No environmental or cultural resource services will be provided by BGE.
3. No pipeline hydraulic modeling is included.
4. No drainage hydraulic/hydrologic modeling or engineering is included.

Compensation

BGE will be paid on an hourly basis for work performed.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.

San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.6** Consider adoption of Resolution 2024-02-28-004 approving Work Order #9 with Kimley-Horn & Associates, Inc. for Owner’s Representative Services for March 2024 through February 2025 for the Authority’s Phase 1B Program, as recommended by the Technical Committee. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The Authority entered into a work order with Kimley-Horn & Associates, Inc. in February 2018 for the first year of Owner’s Representative Services for the Phase 1B Program and entered into work orders in February 2019 through 2023 for the subsequent years. The current work order is set to expire on February 29, 2024.

The table below outlines the contracted fees for Owner’s Representative services for the first two work orders and the actual/projected total expenditure for each:

Work Order / Period	Contract Value	Total Expenditure
#2 (3/18 – 2/19)	\$2,609,966	\$1,984,280
#3 (3/19 – 2/20)	\$2,877,103	\$2,815,225
#4 (3/20 – 2/21)	\$3,110,422	\$3,110,422
#5 (3/21 – 2/22)	\$2,685,433	\$2,376,226
#6 (3/22 – 2/23)	\$1,989,091	\$1,968,650
#7 (3/23 – 2/24)	\$1,622,371	\$1,400,000*

* Projected

The Executive Director negotiated a new work order with Kimley-Horn to begin on March 1, 2024 and extend through February 28, 2025. Below is a summary of the scope of work.

Scope of Work

A detailed scope of work is attached with summary costs listed below. Due to the scale of the effort it is difficult to get a definitive list of all activities that will be required. It will be incumbent upon the Executive Director to closely monitor the activities and expenditures.

Task	Anticipated Fee
1 – Program Management Plan Updates	\$0
2 – Stakeholder Coordination	\$73,813
3 - Budgeting	\$46,020
4 - Schedule	\$0
5 – Reporting	\$37,320
6 – Data Management	\$41,692
7 – Environmental Management	\$13,034

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

8 – Land Acquisition Management	\$199,940
9 – TWDB Management	\$48,948
10 – Design Standards Updates	\$8,500
11 – Engineering Design Management	\$51,548
12 – Quality Assurance	\$3,930
13 – Permit Coordination/Tracking	\$99,701
14 – Procurement & Construction Phase	\$144,385
15 – Project Administration	\$24,516
16 – Other Services	\$93,424
17 – Environmental Const Phase Svcs	\$113,718
Maximum Fee	\$990,489

Fee Schedule

The work is proposed to be contracted on an hourly rate basis. Kimley-Horn's subconsultants account for 56.0% of the total anticipated effort, with 22.3% of the total effort contracted to Historically Underutilized Businesses. The costs include a 10% markup by Kimley-Horn on all subconsultants work.

Contract

The work order will be issued under the terms and conditions of the Master Agreement entered into between Kimley-Horn and Alliance Water in May 2016.

Attachment(s)

- Resolution 2024-02-28-004
- Proposal dated February 9, 2024 from Kimley-Horn for Phase 1B – Owner's Representative Services

Recommendation

- The Technical Committee unanimously recommended approval of the work order with Kimley-Horn.

Board Decision(s) Needed:

- Adoption of Resolution 2024-02-28-004 approving Work Order #9 with Kimley-Horn & Associates, Inc. for Owner's Representative Services for the Authority's Phase 1B Program for March 2024 through February 2025.



ALLIANCE WATER

RESOLUTION NO. 20240228-004

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING WORK ORDER #9 BETWEEN THE AUTHORITY AND KIMLEY-HORN & ASSOCIATES, INC. FOR OWNER’S REPRESENTATIVE SERVICES FOR MARCH 2024 THROUGH FEBRUARY 2025 RELATED TO THE AUTHORITY’S PHASE 1B PROGRAM AND RELATED MATTERS, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (the “Authority”) through the adoption of Resolution 20180228-003 entered into a work order with Kimley-Horn & Associates, Inc. (“Kimley-Horn”) for Owner’s Representative Services for the Authority’s Phase 1B Program. The scope of services was for the time period beginning March 1, 2018 and ending February 28, 2019. Separate work orders for the five subsequent years running from March through February were later approved by the Board.

2. The Hays Caldwell Public Utility Agency, the predecessor to the Authority entered into a master agreement with Kimley-Horn for engineering services and related matters in August 2015.

3. The scope of services and fee for the attached work order was negotiated by the Executive Director on behalf of the Authority. The scope of services covers the period from March 1, 2024 through February 28, 2025. The work order references terms and conditions in the approved Master Agreement between the Authority and Kimley-Horn.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The attached work order for Owner’s Representative services between the Authority and Kimley-Horn is approved.

SECTION 2. The Executive Director of Alliance Regional Water Authority, Graham Moore, is authorized to execute the attached agreement on behalf of the Authority.

SECTION 3. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: February 28, 2024.

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors



February 9, 2023

Mr. Graham Moore, P.E.
Executive Director
Alliance Regional Water Authority
1040 Highway 123
San Marcos, TX 78666

**RE: *Scope of Services – Work Order No. 9
Phase 1B Infrastructure – Owner’s Representative***

PROJECT DEFINITION AND BACKGROUND

The Alliance Regional Water Authority (Alliance Water) has developed a Capital Improvements Plan (CIP) per Resolution 20160525-008 that identifies anticipated infrastructure requirements over the several decades. This CIP is divided into multiple project delivery phases. Phase 1A was completed in 2020. Phase 1B consists of infrastructure to be delivered by the end of 2025 and includes groundwater wells, water treatment plant, transmission mains, booster pump station, and eight (8) delivery points. Alliance Water and Guadalupe Blanco River Authority (GBRA) have entered into an agreement to oversize a portion of the proposed Phase 1B infrastructure to accommodate delivery of water to both Alliance Water as well as GBRA customers (three additional delivery points). The infrastructure to be oversized includes: water treatment plant, a significant portion of the transmission mains, and booster pump station.

Alliance Water has obtained a State Water Implementation Fund for Texas (SWIFT) loan from the Texas Water Development Board (TWDB) for the proposed Phase 1B Program.

The Scope of Services for this agreement consists of Kimley-Horn and Associates, Inc. (“Kimley-Horn” or “Owner’s Representative”) serving Alliance Water as an Owner’s Representative by assisting in the management of the overall project delivery of Phase 1B Program through the completion and startup of the infrastructure in 2024. In performing the services, the Owner’s Representative will endeavor to operate as an extension of Alliance Water’s staff. The Owner’s Representative will function as the representative and not the agent of Alliance Water. The Owner’s Representative will exercise independent judgment and will operate without extensive oversight and direction. The Owner’s Representative will commit the personnel and resources required to perform the services throughout the term of this Agreement.

Work Order No. 9 will extend for a duration of 12 months. Attachment A identifies the key phases that each infrastructure contract is anticipated to complete within this 12-month period.

KEY TERMINOLOGY

- **Consultants** – refers collectively to consultants (design, environmental, and land acquisition) that will be procured by and contracted directly with Alliance Water for the Phase 1B Program.
- **Land Acquisition Consultant Team** – refers to consultants (legal, land agent / appraisal, and survey) that will be procured by and contracted directly with Alliance Water for the land acquisition process for the Phase 1B Program.
- **Environmental Consultant** – refers to the consultant that will be procured by and contracted directly with Alliance Water to perform environmental services for the Phase 1B Program.
- **Combined Program** – refers to the infrastructure that will be shared between Alliance Water and GBRA.

SCOPE OF WORK

1. Program Management Plan Updates

This task consists of the ongoing implementation and maintenance of the Phase 1B Program Management Plan (PMP) that was developed in Work Order No. 2. The PMP defines the policies and procedures to be implemented by Phase 1B Program personnel. Tasks to be performed may include the development of additional PMP components as well as the maintenance of the following components already developed:

- 1.1. Communication Protocol
- 1.2. Document Control / Data Management Protocol
- 1.3. Quality Assurance Plan
- 1.4. Milestone Review Process Protocol
- 1.5. Risk Management Plan
- 1.6. Land Acquisition Protocol
- 1.7. Environmental Management Protocol
- 1.8. Texas Water Development Board (TWDB) Protocol
- 1.9. Design Management Protocol
- 1.10. Budget and Funding Protocol
- 1.11. Schedule Protocol
- 1.12. Reporting Protocol
- 1.13. Permit Management Protocol
- 1.14. GBRA & Project Advisory Committee (PAC) Protocol
- 1.15. Procurement Protocol
- 1.16. Construction Protocol, including integration of the Construction Management & Inspection (CM&I) team
- 1.17. PMP Appendices

Task Meetings:

- None

2. Stakeholder Coordination

This task consists of the coordination that will be required by the Owner’s Representative in performance of the management of the Phase 1B program. Perform stakeholder coordination in accordance with the protocol established in the PMP. This task consists of:

- 2.1. Stakeholder identification – Not Used
- 2.2. Initial and/or Ongoing Coordination
 - 2.2.1. Executive Director
 - 2.2.2. Technical Committee and Board Meetings – attend and present status updates through June 2024
 - 2.2.3. Project Advisory Committee (PAC) Meetings – attend and present status updates through June 2024
 - 2.2.4. Other Alliance Water Consulting Services (Public Relations, Accounting, Legal)
 - 2.2.5. Texas Commission on Environmental Quality (TCEQ)
 - 2.2.6. Texas Department of Transportation (TxDOT)
 - 2.2.7. Union Pacific Railroad (UPRR)
 - 2.2.8. Counties (Hays, Caldwell, Guadalupe)
 - 2.2.9. Cities (Kyle, San Marcos, Uhland, Lockhart, Maxwell, others)
 - 2.2.10. GBRA and/or its consultants
 - 2.2.11. Other utilities, entities

Task Meetings:

- Alliance Water Executive Director coordination meetings
- Alliance Water Executive Committee and Board Meetings
- PAC Meetings
- Other Alliance Water Consulting Services – as part of coordination meetings with Executive Director
- Texas Commission on Environmental Quality
- Texas Department of Transportation
- Union Pacific Railroad
- Counties
- Cities
- Other utilities, entities
- Design consultants will be required to meet with agencies separately on project specific issues.

3. Budgeting

Maintain the budget tracking protocol developed in the PMP for the Phase 1B Program. It is assumed that the budget will be maintained in Microsoft Excel and linked to the schedule. The format of the budget will be in accordance with TWDB requirements. Monthly Budget updates are anticipated with monthly review sessions as established in the PMP. This task consists of:

- 3.1. Perform monthly budget updates:

- 3.1.1. Track costs to the Phase 1B Program versus the anticipated budget. Costs associated with the Combined Program will be tracked separately.
- 3.1.2. Coordinate with applicable parties to receive current opinion of probable construction cost (OPCC) data for projects as identified in PMP.
- 3.1.3. Identify budget deviations and coordinate with applicable parties for potential corrective measures. Summarize budget deviations within monthly updates.
- 3.2. Prepare budget updates for the following parties at the frequency identified:
 - 3.2.1. Executive Director – monthly
 - 3.2.2. Alliance Water Board and Technical Committee – quarterly
 - 3.2.3. PAC – quarterly
 - 3.2.4. TWDB – quarterly
 - 3.2.5. Public – quarterly

Task Meetings:

- None.

4. Schedule

Maintain the schedule as Identified in the PMP for the Phase 1B Program. The schedule management will be performed monthly using Microsoft Project with schedule review sessions as established in the PMP (concurrent with budget review sessions). This task consists of:

- 4.1. Perform monthly schedule updates:
 - 4.1.1. Coordinate with applicable parties to obtain current schedules for projects
 - 4.1.2. Identify schedule deviations and coordinate with applicable parties for potential corrective measures. Schedules for projects in construction will be evaluated by others and for the purposes of the monthly update these schedules will be condensed into only the primary construction tasks.
 - 4.1.3. Special updates will be performed when critical information becomes known
- 4.2. Prepare schedule updates for the following parties at the frequency identified:
 - 4.2.1. Executive Director – as needed for remaining projects in design phase.

Task Meetings:

- None.

5. Reporting

Prepare routine progress reports as identified in the PMP for the Phase 1B Program. This task consists of:

- 5.1. Prepare monthly progress reports:
 - 5.1.1. Coordinate with applicable parties to obtain status for project tasks
 - 5.1.2. Provide Board and Technical Committee a detailed report identifying what was worked on during the previous month and what is anticipated for the following month
- 5.2. Prepare progress updates for the following parties at the frequency identified:

- 5.2.1. Executive Director – weekly summary and monthly report
- 5.2.2. Alliance Water Board and Technical Committee – monthly
- 5.2.3. PAC – monthly
- 5.2.4. TWDB – quarterly
- 5.2.5. Public – quarterly

Progress reports for projects in construction will be prepared by the CM&I team.

For the purposes of this scope, it is assumed that reports noted in Items 5.2.2 and 5.2.3 will end at the completion of construction of the infrastructure to be shared by Alliance Water and GBRA.

Task Meetings:

- None.

6. Data Management

Manage record keeping as established in the PMP. Data storage will continue to be performed utilizing Microsoft SharePoint as well as Esri ArcGIS. This task consists of:

6.1. Overall data management:

- 6.1.1. Perform administrative support functions for overall project record keeping and implementing the data management system;
- 6.1.2. Enter information into applicable data management system;
- 6.1.3. Distribute updated contract documents ensuring program team maintain current version of project documents;
- 6.1.4. Prepare, manage, record, distribute and archive documentation of project activities, progress, and related communications;
- 6.1.5. Log receipt of documents and inquiries requiring a response, provide delivery of documents to appropriate parties, track documents, and monitor timely response;
- 6.1.6. Review supporting documents for conformance with PMP guidelines;
- 6.1.7. Maintain project records;
- 6.1.8. Maintain change management logs, RFI logs, RFPs logs, submittal logs;
- 6.1.9. Perform internal audits for quality assurance of overall documents.

6.2. Microsoft SharePoint:

- 6.2.1. Perform ongoing data management of documents within SharePoint,

6.3. Interactive Web-based GIS:

- 6.3.1. Perform data updates for the following data to be hosted in ArcGIS application, assumed to occur at the frequencies identified:
 - Background Imagery (provided by Esri base-mapping) – annually;
 - Parcel data (right-of-entry and land acquisition status) – weekly;
 - City / County / District boundaries – annually;
 - Alliance Water proposed infrastructure – monthly;
 - FEMA 100-year floodplain (from FEMA map service) – annually;
 - United States Geological Service (USGS) National Hydrography Dataset (from USGS hosted map service) – annually;

- United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (from USFWS hosted map service) – annually;
- Desktop/Field Environmental data provided by Environmental Consultant – monthly;
- Topographical data – annually;
- Existing utility data – monthly;
- Construction progress tracking - monthly

Updates/edits will be performed in an ArcGIS Desktop environment prior to being viewable in the web-based application. Data and application support and hosting will be provided for the duration of this this Work Order.

- 6.4. Coordination with Construction Management and Inspection (CMI) Team regarding GPS Collected Data:
 - 6.4.1. Coordinate with CMI Team regarding setting up and implementing Web-Based GIS site to accept their collected field data.
 - 6.4.2. Review data loaded to the Web-Based GIS by the CMI Team on a monthly basis to confirm construction data is being collected as each project progresses and confirm naming convention is being followed by the CMI Team. CMI Team responsible for their own internal QA/QC, Kimley-Horn to spot check for conformance.
- 6.5. Begin process of transition of data to Alliance Water. Data to be transitioned shall include SharePoint, GIS, emails, and other relevant program data.

Task Meetings:

- None.

Deliverables:

- Hard copy deliverables to be provided to Alliance Water and other parties as part of the Owner’s Representative services are included in this task. Deliverables may include:
 - Meeting agendas;
 - Program status reports;
 - Copies of the PMP;
 - Exhibits.

7. Environmental Management

Perform environmental management and coordination for the Phase 1B Program in accordance with the PMP. This task consists of:

- 7.1. Perform regular coordination with Environmental Consultant to discuss ongoing activities, schedule, potential issues, deliverables, and other items related to their scope of work.
- 7.2. In conjunction with the Environmental Consultant, perform ongoing coordination with key agencies, including:
 - 7.2.1. United States Army Corps of Engineers (USACE)
 - 7.2.2. Texas Parks and Wildlife Department (TPWD)

- 7.2.3. Local floodplain administrators.
- 7.3. Assist with the review of Environmental Consultant monthly invoices.
- 7.4. Perform continuous tracking of Environmental Consultant's project scope and assist with the development and review of potential amendments.
- 7.5. Perform as-needed site visits with Environmental Consultant during their field studies.
- 7.6. To the extent reasonably possible, site visits will be coordinated with those identified in Task 8 and 11.
- 7.7. Review and comment on environmental permitting documents (prepared by Environmental Consultant) for the following agencies:
 - 7.7.1. USACE
 - 7.7.2. TPWD
 - 7.7.3. United States Fish and Wildlife Service (USFWS)
 - 7.7.4. Texas Historical Commission (THC).
- 7.8. Review and comment on TWDB environmental deliverables prepared by Environmental Consultant.
- 7.9. Other Environmental Services as identified and assigned by Alliance Water.

Task Meetings:

- Environmental agency (USACE, USFWS, TPWD, THC) meetings
- Environmental Consultant Team progress meetings

8. Land Acquisition Management

Perform management and coordination for the Phase 1B Program land acquisition process in accordance with the PMP and the RAMP. This task consists of:

- 8.1. Coordination with landowners to facilitate access for Consultants for field work.
- 8.2. Assist in the resolution of title issues (such as recent landowner transactions) by contacting/visiting County appraisal districts and other offices as needed to obtain relevant deeds, plats, and similar documents.
- 8.3. Monthly meetings with Alliance Water and Special Counsel.
- 8.4. Other Land Acquisition Services as identified and assigned by Alliance Water.

Task Meetings:

- Land Acquisition Team progress meetings

9. Texas Water Development Board Management

Perform management and coordination with the TWDB for the Phase 1B Program in accordance with the PMP. This task consists of:

- 9.1. Identify milestone deliverables and provide feedback on critical path schedule.
- 9.2. Review TWDB deliverables for conformance to TWDB requirements and provide comments to the Consultants.
- 9.3. Perform regular coordination with the TWDB to discuss ongoing activities, schedule, potential issues, status of deliverables, and other items related to the TWDB SWIFT loan.
- 9.4. Prepare fund release request letters for submission to the TWDB, including required backup information.

Task Meetings:

- TWDB progress meetings

10. Design Standards Updates

This task shall include the revising and updating of design standards documents already prepared in prior Work Orders. Categories may consist of:

- 10.1. Respond to questions that may arise during construction related to:
 - 10.1.1. Transmission Pipelines and Delivery Points Design Standards
 - 10.1.2. Standard Specifications for Construction
 - 10.1.3. Standard Details
 - 10.1.4. Pipeline Corrosion Protection Standards
 - 10.1.5. Telemetry, Instrumentation & Controls, SCADA, and Security Standards
 - 10.1.6. Facility General Electrical Standards

Task Meetings:

- None

11. Engineering Design Management

Perform engineering design management and coordination for the Phase 1B Program in accordance with the PMP. Manage the following proposed design contracts:

- 11.1. Raw Water Infrastructure
- 11.2. Water Treatment Plant and High Service Pump Station
- 11.3. Transmission Pipelines (5 contracts)
- 11.4. Administration Building and Operations Center
- 11.5. Booster Pump Station and Delivery Points
- 11.6. Elevated Storage Tanks
- 11.7. Program Survey

The following tasks may be performed, as applicable to the current status of the contract:

- Assist with the development and review of project scope (new contracts and/or contract amendments) for the Design Consultants.
 - Assist with the review of proposed LOE developed by the Design Consultants.
 - Assist with the review of Design Consultant monthly invoices.
 - Perform regular coordination with the Design Consultants to discuss ongoing activities, schedule, potential issues, deliverables, and other items related to their scope of work.
 - Review and comment on milestone submittals (60%, 90%, final) prepared by Design Consultants.
 - Review/Provide comments on Consultant OPCCs at milestones.
 - Other Design-related services as assigned by Alliance Water.
- 11.8. Commissioning Planning – This task includes evaluating potential options for start-up and commissioning of the Phase 1B infrastructure, including coordination with Alliance Water members (sponsors) and other water utilities in the vicinity of the Phase 1B infrastructure.

For the purposes of this scope, it is assumed that effort associated with Task 11 will end at the completion of construction of the infrastructure to be shared by Alliance Water and GBRA.

Task Meetings:

- Consultant Design Teams progress meetings

12. Quality Assurance

Perform Quality Assurance protocol for the Phase 1B Program in accordance with the PMP. This task includes:

- 12.1. Review the Quality Assurance / Quality Control (QA/QC) Plans prepared by the Consultants for conformance to the PMP and provide comments.
- 12.2. Perform regular coordination with Consultants to confirm implementation of QA/QC in project activities.
- 12.3. At each milestone submittal, receive QA/QC documentation from Consultants and review for adherence to QA/QC Plan.

Task Meetings:

- None.

13. Permit Coordination/Tracking

Perform permit coordination and tracking associated with the Phase 1B Program in accordance with the PMP. The following tasks shall be performed:

- 13.1. Perform regular coordination with the Consultants to discuss ongoing activities, schedule, potential issues, and other items related to permitting.
- 13.2. Incorporate permit updates from Consultants into master permit tracking list. The master permit tracking list will maintain linkage to the master schedule.
- 13.3. Water Quality Testing and Coordination – This task consists of sampling and testing of the raw water source and customer treated water sources. This task will include testing

protocols, on-site testing, lab coordination and review, summary reporting and coordination with the Water Treatment Plant Design Consultant. Sampling will occur at the raw water wells for Alliance Water and GBRA for evaluating chlorine decay, trihalomethane (THM) formation, and/or other constituents. Treated water quality sampling will be near the locations of the Alliance Water delivery points and will be performed for water blending analyses. Water quality sampling and testing will be approved in advance by Alliance Water based on the outcomes of water quality workshops and related coordination. Lab and equipment fees will be paid separately by Alliance Water.

13.4. The following list identifies the anticipated entities that will require approvals and/or permits in the performance of the Phase 1B Program. The Consultant will provide design documents and exhibits required as part of the permit submittal.

13.4.1. TCEQ – includes the following tasks:

- Permitting and Public Water Supply coordination for delivery points,
- Corrosion Report coordination,
- Exception Request submittal and coordination.

13.4.2. TxDOT

13.4.3. UPRR

13.4.4. Counties (Hays, Caldwell, Guadalupe)

13.4.5. Cities (Kyle, San Marcos, Umland, Lockhart, Maxwell, others)

13.4.6. Private utilities

13.5. TCEQ Coordination and Start Up Approvals

Task Meetings:

- As already defined in Task 2 – Stakeholder Coordination.

14. Procurement and Construction Phase Services

Perform Procurement and Construction Phase Services associated with the Phase 1B Program in accordance with the PMP.

Throughout the duration of Procurement and Construction Phase Services, the Consultant for each respective project will provide professional opinions, render engineering judgement, and make final decisions for any adjustment to design intent or revisions to construction documents. The CM&I will lead the development and implementation of the construction management plan and perform inspections for the projects. The Owner’s Representative team will function as an administrative liaison between the parties but will not direct the Consultants to make changes to the design.

The following tasks are anticipated:

14.1. Procurement Services

14.1.1. Pre-Proposal Meeting

14.1.1.1. Prepare agenda and lead meeting

- 14.1.1.2. Collect questions and provide to Design Consultant for review and response
- 14.1.2. Addenda Review
 - 14.1.2.1. Review administratively
- 14.1.3. Proposal Evaluation and Recommendation
 - 14.1.3.1. Review and participate in scoring proposals submitted for construction packages and provide formal recommendation to Owner
- 14.1.4. Committee and Board Items
 - 14.1.4.1. Present Proposal Summary and formal recommendation to PAC and Board as well as the Technical Committee, if time permits
- 14.1.5. Execution of Contract
 - 14.1.5.1. Coordinate construction contract execution
- 14.2. Construction Phase Services
 - 14.2.1. Administration
 - 14.2.1.1. Prepare and present at workshop on administrative construction procedures
 - 14.2.1.2. Review and comment on Construction Administrative Data Management Plan (prepared by the CM&I)
 - 14.2.1.3. Coordination with design consultant, CM&I and Alliance Water for general management tasks
 - 14.2.2. Preconstruction Meetings
 - 14.2.2.1. Attend
 - 14.2.3. Monthly Construction Meetings
 - 14.2.3.1. One (1) member of the Owner's Representative team will attend monthly construction meetings for all projects, scheduled on the same 1 to 2-day span each month.
 - 14.2.4. Construction Activities – Review and comment on applicable items, and attend meetings as needed:
 - 14.2.4.1. Submittals (review of Program-wide elements only)
 - 14.2.4.2. Substitutions (Consultant provides recommendation, Owner's Representative reviews and advises Owner)
 - 14.2.4.3. Request for Information (only if RFI has contractual implications)
 - 14.2.4.4. Pay Request (review for administrative completeness only)
 - 14.2.4.5. Defective Work (Consultant provides recommendation, Owner's Representative reviews and advises Owner)
 - 14.2.4.6. Change Orders (Consultant provides recommendation, Owner's Representative reviews and advises Owner)
 - 14.2.4.7. Record Drawings (review for administrative completeness only)
 - 14.2.4.8. Commissioning (attend and coordinate ARWA sponsors as needed)
 - 14.2.4.9. Substantial Completion
 - 14.2.4.10. Final Walkthrough
 - 14.2.4.11. Warranty Walkthrough

Note: the Owner's Representative will perform procurement and construction phase services associated with the SCADA and Security elements to be included under the Water Treatment Plant and High Service Pump Station contract. The Owner's Representative shall lead the effort for these elements under Task 14, while coordinating with the design consultant.

For the purposes of this scope, it is assumed that effort associated with Task 14 will end at the completion of construction of the infrastructure to be shared by Alliance Water and GBRA.

Task Meetings:

- As already defined in Task 14 – Procurement and Construction Phase Services.

15. Project Administration

For this task, “Project” refers to the contract between the Owner’s Representative and Alliance Water. The following tasks shall be performed:

- 15.1. Invoicing – the Owner’s Representative shall submit invoices monthly in the approved format for Alliance Water review and approval. Each monthly invoice package shall include the invoice and project status report.
- 15.2. Project Management – the Owner’s Representative shall perform miscellaneous administrative tasks, including management of manpower and budgets, subconsultant management, and other activities associated with managing the overall Owner’s Representative contract.

Task Meetings:

- None.

16. Other Services

Perform services on an as-directed basis as directed by Alliance Water. These tasks could include:

- 16.1. Develop the Risk and Resilience Assessment in general accordance with the AWWA J100-10(R13) guidance titled “Risk Analysis and Management for Critical Asset Protection (RAMCAP) Standard for Risk and Resilience Management of Water and Wastewater Systems”. Also, incorporate guidance from the EPA issued in July 2019 titled “Baseline Information on Malevolent Acts for Community Water Systems.”

Task Meetings:

- None

17. Environmental Construction Phase Services

Perform services on an as-directed basis as directed by Alliance Water. These tasks could include:

- 17.1. Pre-Construction Meeting with Contractor – Prepare presentation or talking points reflective of environmental conditions that must be adhered to during the construction of the facility and present information to the contractor. The environmental team will provide necessary contact information to the contractor and when it would be necessary to stop work and contact the environmental team.
- 17.2. Migratory Bird Nest Survey – This task consists of completing a survey for migratory bird nests prior to vegetation clearing if it will occur between March 15 and September 15. The easement and any temporary construction easements would be surveyed for migratory bird nests. The survey would consist of a field survey of vegetation that would be cleared within five (5) days of the survey. Survey schedule would be required based on the five-day clearing schedule that the contractor is able to accomplish. Any nests that are found would be marked with flagging along with a buffer around the nest and would be monitored until the birds leave the nest. Any abandoned nests that do not appear to have active nesting use would be removed to prevent use of the nest. A short memorandum will be prepared following the survey for each facility documenting survey results and compliance with regulations.
- 17.3. Cultural Resources – On-call services will be provided in the event that cultural resources are encountered, or excavation reveals sites of potential cultural importance, unmarked graves, or human remains, work will stop, and the Owner's Representative will be contacted to assess the situation, conduct a site visit if needed, determine the need for further investigation following THC protocol, and complete disposition of any identified features. If cultural resource features are encountered, the THC will be contacted for further consultation and guidance as to the need for further investigations or surveys. Coordination with the U.S. Army Corps of Engineers (USACE) will also occur if the site is within jurisdictional areas. This Scope of Services does not include an archeological survey. A report will be prepared and submitted documenting the results of any investigations or consultations which have occurred.
- 17.4. Encounter protected species – On-call services will be provided in the event state or federally listed threatened or endangered species or potential habitats are encountered by construction workers during the construction period. Upon notification by Alliance Water and its construction contractor, the Owner's Representative will conduct a site visit, consult with federal and state agencies as needed or required, and develop avoidance and/or mitigation measures including relocation of the species if necessary.
- 17.5. USACE Compliance and Reporting – This task includes tasks associated with USACE compliance. This includes updated photos of water crossings pre-construction, ensuring easement boundaries are clearly marked within jurisdictional areas, photos of post-construction once vegetation is reestablished, and report preparation. The report would include confirmation that the work was performed in accordance with USACE requirements, a summary of the work that was performed, a comparison of pre-construction and post-construction conditions of jurisdictional areas, a description of all impacts to waters of the U.S., documentation that disturbed areas have been revegetated, and any associated exhibits necessary.
- 17.6. Hazardous Materials On-Call – This task consists of a subconsultant to Kimley-Horn providing on-call hazardous material investigations during the construction phase of the project. The following activities are anticipated to be conducted:
 - 17.6.1. Upon notification of discovery of potentially hazardous materials during construction, Owner's Representative will mobilize a subconsultant to the location to evaluate and document site conditions and, if warranted, collect samples for environmental laboratory analyses. The subconsultant will determine the appropriate laboratory analyses for the material encountered and will submit the samples on a requested turn-around time agreeable to the Client. Standard

analyses (in accordance with the Resource Conservation Recovery Act) appropriate for evaluation of construction worker safety and waste characterization will be selected. Excavation, transport, and disposal of material is not included in this scope of work.

- 17.6.2. Owner's Representative will provide the analytical results and recommendations after receiving and reviewing final analytical reports from the laboratory and provide this information to Alliance Water and the construction contractor. The contractor will be responsible for developing a contractor safety plan.
- 17.6.3. For each on-call incident, a brief written summary will be provided via email communication to document activities associated site evaluation, analytical testing, and waste management.

Assumptions:

- Each site visit would consist of a 12-hour day for two staff members.
- For migratory bird surveys, it is anticipated that the surveys will be required for Segments C, D and E.
- Updated photos of jurisdictional areas will be taken during nest survey work, for the purposes of estimating fee. If nest surveys are not required at the beginning of construction for a segment, such as Segment D, two (2) days would be required per segment to take photos for jurisdictional crossings. This excludes Segments B and E as there are no impacts to jurisdictional waters for the segment. If feasible, photos could also be taken by the Program Construction Managers, Pape-Dawson, in lieu of the environmental team mobilizing should it be necessary.
- For cultural resources, two site visits by two staff members are anticipated to be required.
- For threatened/endangered species or habitats, one site visit for the water treatment plant and booster pump station by two staff members and one visit by two staff members for the pipelines are assumed. A report will be prepared and submitted documenting the results of any investigations or consultations which have occurred (see deliverables below).
- USACE reporting would only be required for Segment A, C, and D in this Work Order as Segments B and E avoid USACE impacts.
- Actual report deliverable would not be required as construction is not anticipated to be complete during the work order period. Only work to document existing conditions and organize data and reports would be accomplished during this work order.

FEE AND EXPENSES

Kimley-Horn will perform the services in Tasks 1 – 17 on a labor fee plus expense basis until the maximum fee is reached. The budgets for each task are shown below.

Task 1	Program Management Plan	\$ 0.00
Task 2	Stakeholder Coordination	\$ 73,813.00
Task 3	Budgeting	\$ 46,020.00
Task 4	Schedule	\$ 0.00
Task 5	Reporting	\$ 27,320.00
Task 6	Data Management	\$ 41,692.00
Task 7	Environmental Management	\$ 13,034.00
Task 8	Land Acquisition Management	\$ 199,940.00
Task 9	TWDB Management	\$ 48,948.00
Task 10	Design Standards	\$ 8,500.00
Task 11	Engineering Design Management	\$ 51,548.00
Task 12	Quality Assurance	\$ 3,930.00
Task 13	Permit Coordination/Tracking	\$ 99,701.00
Task 14	Procurement and Construction Phase Services	\$ 144,385.00
Task 15	Project Administration	\$ 24,516.00
Task 16	Other Services	\$ 93,424.00
Task 17	Environmental Construction Phase Services	\$ 113,718.00
	Maximum Fee	\$ 990,489.00

Kimley-Horn will not exceed the total maximum fee shown without authorization from Alliance Water. Individual task amounts are provided for budgeting purposes only. Kimley-Horn reserves the right to reallocate amounts among tasks as necessary. Labor fee will be billed on an hourly basis according to our then-current rates. As to these tasks, direct reimbursable expenses such as subconsultants, express delivery services, fees, air travel, and other direct expenses will be billed at 1.10 times cost. Administrative time related to the project may be billed hourly. All permitting, application, and similar project fees will be paid directly by Alliance Water.

Kimley-Horn agrees that Alliance Water may reduce the scope of services for any (or all) of the tasks included in the work order. Kimley-Horn will be notified of any such reductions via a written directive describing the effort to be reduced. Kimley-Horn shall be paid for all services rendered and expenses incurred to the effective date of reduced scope.

Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Engineer project number.

Please contact me at (210) 321-3414 or ryan.sowa@kimley-horn.com should you have questions.

Very Truly Yours,



V. Ryan Sowa, P.E.
Project Manager

ATTACHMENT A – ANTICIPATED TASKS FOR PHASE 1B CONTRACTS DURING WORK ORDER NO. 9

CONTRACT	CONTRACT PHASE										ANTICIPATED COMPLETION OF CONSTRUCTION
	CONSULTANT PROCUREMENT	CONSULTANT CONTRACT EXECUTION	DESKTOP ANALYSES & SITE/ROUTE SELECTION	RIGHTS-OF-ENTRY OBTAINED	FIELD VISITS & ANALYSES	PRELIMINARY ENGINEERING REPORT COMPLETED	TWDB FINAL DESIGN/LAND ACQ. FUNDING RELEASES	FINAL DESIGN	PROCUREMENT FOR CONSTRUCTION	CONSTRUCTION PHASE	
PIPELINE SEGMENT A										X	02/24
PIPELINE SEGMENT B										X	04/24
PIPELINE SEGMENT C										X	10/25
PIPELINE SEGMENT D										X	06/24
PIPELINE SEGMENT E										X	07/24
WELL DRILLING											
OPS. CENTER & ADMIN. BUILDING											
RAW WATER INFRASTRUCTURE										X	
WATER TREATMENT PLANT										X	04/24
BOOSTER PUMP STATION & DELIVERY POINTS										X	03/24
ELEVATED STORAGE TANKS								X	X	X	06/24

**Alliance Regional Water Authority Owner's Representative
 Work Order No. 9 Rate Schedule
 (Hourly Rate)**

QA/QC Engineer / Senior Project Manager / Principal	\$295
Senior Technical Advisor / Deputy Project Manager	\$275
Senior Instrumentation / Electrical Engineer	\$250
Property Acquisition Manager	\$250
Senior Scheduler	\$220
Senior Architect	\$215
Senior Environmental Manager	\$230
Senior Engineer	\$235
GIS Specialist	\$180
Instrumentation / Electrical Engineer	\$175
Senior Biologist	\$165
Civil Engineer	\$190
GIS Developer	\$170
IT Professional	\$155
Engineer-in-Training II	\$160
Architectural Project Manager	\$215
CADD Operator / Senior Technician	\$150
Engineer-in-Training I	\$140
GIS Analyst	\$140
Biologist	\$120
Acquisition / Title Specialist	\$150
Senior Historian	\$110
Document Control Specialist	\$130
Administrative Staff / Technician	\$100
Archeologist	\$85

Alliance Regional Water Authority																			Project Fee Summary			
Owner's Representative / Program Management (Work Order No. 9)																			Total Effort	\$ 990,489		
2/9/2024																						
Detailed Overall Kimley-Horn Cost Breakdown																						
Scope of Services																						
Task	Project Role	QA/QC / Senior Mgr / Principal	Senior Tech. Avs / Deputy Prj Mgr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00										
Task 1 - Program Management Plan Updates																						
1.1	Communication Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.2	Document Control / Data Management Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.3	Quality Assurance Plan												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.4	Milestone Review Process Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.5	Risk Management Plan												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.6	Land Acquisition Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.7	Environmental Management Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.8	Texas Water Development Board (TWDB) Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.9	Design Management Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.10	Budget and Funding Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.11	Schedule Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.12	Reporting Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.13	Permit Management Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.14	GBRA & PAC Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.15	Procurement Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.16	Construction Protocol												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
1.17	PMP Appendices												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Task 2 - Stakeholder Coordination																						
2.1	Stakeholder Identification												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2.2	Initial and/or Ongoing Coordination												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2.2.1	Executive Director	10											10	\$ 2,950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950
2.2.2	Technical Committee and Board												0	\$ -	\$ -	\$ 1,298	\$ -	\$ -	\$ -	\$ 1,298	\$ 1,298	
2.2.3	PAC												0	\$ -	\$ -	\$ 1,298	\$ -	\$ -	\$ -	\$ 1,298	\$ 1,298	
2.2.4	Other Alliance Water Consulting Services	8											8	\$ 2,360	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,360
2.2.5	Texas Commission on Environmental Quality	4											4	\$ 1,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180
2.2.6	Texas Department of Transportation												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2.2.7	Union Pacific Railroad												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2.2.8	Counties (Hays, Caldwell, Guadalupe)	3											3	\$ 885	\$ -	\$ 1,034	\$ -	\$ -	\$ -	\$ 1,034	\$ 1,919	
2.2.9	Cities (Kyle, San Marcos, Umland, Lockhart, Maxwell, others)	3											3	\$ 885	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 885
2.2.10	GBRA and/or its Consultants	16											16	\$ 4,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,720
2.2.11	Other Utilities/Entities	6											6	\$ 1,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,770
2.3	Alliance Water Executive Director coordination meetings	18	14			12					6	12	62	\$ 13,600	\$ 500	\$ -	\$ 6,996	\$ -	\$ -	\$ 6,996	\$ 21,096	
2.4	Alliance Water Technical Committee and Board Meetings	16	12										28	\$ 8,020	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,520
2.5	PAC Meetings	16											16	\$ 4,720	\$ 200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,920
2.6	Other ARWA Consulting Services - as part of Coord. Mtg. with ED.	4	4										8	\$ 2,280	\$ 200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,480
2.7	Texas Commission on Environmental Quality - Meetings	2											2	\$ 590	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 690
2.8	Texas Department of Transportation - Meetings												0	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100
2.9	Union Pacific Railroad - Meetings												0	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100
2.10	Counties - Meetings												0	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100
2.11	Cities - Meetings	2											2	\$ 590	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 690
2.12	Other Utilities/Entities - Meetings	2											2	\$ 590	\$ 200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 790
2.13	Internal Program Monthly Meetings	9	9	9		6							39	\$ 9,345	\$ 200	\$ 2,904	\$ 3,498	\$ -	\$ -	\$ -	\$ 6,402	\$ 15,947
Task 3 - Budgeting																						
3.1	Perform Monthly Budget Updates	6		8									14	\$ 3,650	\$ -	\$ 38,720	\$ -	\$ -	\$ -	\$ -	\$ 38,720	\$ 46,020
3.1.1	Track costs to the Phase 1B Program vs. the anticipated budget												0	\$ -	\$ -	\$ 37,752	\$ -	\$ -	\$ -	\$ -	\$ 37,752	\$ 41,402
3.1.2	Coordinate with applicable parties to receive current OPCC data												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.1.3	Identify budget deviations and coordinate with applicable parties												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.2	Prepare Budget Updates	6		8									14	\$ 3,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,650
3.2.1	Executive Director (Monthly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.2.2	Alliance Water Board and Technical Committee (Quarterly)												0	\$ -	\$ -	\$ 968	\$ -	\$ -	\$ -	\$ -	\$ 968	\$ 968
3.2.3	PAC (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.2.4	TWDB (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3.2.5	Public (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 4 - Schedule																						
4.1	Perform Monthly Schedule Updates												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.1.1	Coordinate with applicable parties to obtain current schedules												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.1.2	Identify schedule deviations and coordinate with applicable parties												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.1.3	Special updates will be performed when critical info becomes known												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2	Prepare Schedule Updates												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2.1	Executive Director (Monthly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2.2	Alliance Water Board and Technical Committee (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2.3	PAC (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2.4	TWDB (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4.2.5	Public (Quarterly)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 5 - Reporting																						
5.1	Prepare Monthly Progress Reports	8	10			8							26	\$ 6,630	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,630
5.2	Prepare Progress Updates (ED., ARWA, TWDB, Public)												0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Alliance Regional Water Authority Owner's Representative / Program Management (Work Order No. 9) 2/9/2024																			Project Fee Summary				
																			Total Effort	\$	990,489		
Detailed Overall Kimley-Horn Cost Breakdown																							
Scope of Services																							
Task	Project Role	QA/QC / Senior Mgr / Principal	Senior Tech. Avis / Deputy Prj Mgr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions	
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00											
5.2.1	Executive Director (Weekly Summary and Monthly Report)	8	10			8							26	\$ 6,630		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,630	
5.2.2	Alliance Water Board and Committees (Monthly)	12	10			8							30	\$ 7,810		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,810	
5.2.3	PAC (Monthly)	8	10			6							24	\$ 6,250		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,250	
5.2.4	TWDB (Quarterly)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
5.2.5	Public (Quarterly)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Task 6 - Data Management														\$ 31,920	\$ 7,000	\$ 2,772	\$ -	\$ -	\$ -	\$ 2,772	\$ 41,692		
6.1	Overall Data Management	3	9						12				24	\$ 5,280		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,280	
6.1.1	Perform admin. Support functions for overall project record keeping												0	\$ -		\$ 2,772	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,772	
6.1.2	Enter information into applicable data management system												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.3	Distribute updated contract documents												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.4	Prepare, manage, record, distribute and archive documentation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.5	Log receipt of all documents and inquiries requiring a response												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.6	Review supporting documents for conformance with PMP												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.7	Maintain project records												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.8	Maintain change management logs, RFI logs, RFP logs, Submittal logs												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.1.9	Perform internal audits for quality assurance of overall documents												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.2	Microsoft SharePoint												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.2.1	Perform ongoing data management of documents within SharePoint	3				8	8		12				31	\$ 5,645	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,645
6.3	Interactive Web-based GIS												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.3.1	Perform ongoing incorporation of data within ArcGIS	3			4	4		6	6	9	9		41	\$ 7,105	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,105
6.4	Coordination with CMI Team regarding GPS Collected Data												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
6.4.1	Coordinate with CMI Team regarding GIS site	3	6							6	6		21	\$ 4,335		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,335	
6.4.2	Review data loaded by CMI Team on a monthly basis	3	6							6	6		21	\$ 4,335		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,335	
6.5	Transition program data to ARWA	2	2			8			16				28	\$ 5,220		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,220	
Task 7 - Environmental Management														\$ 3,420	\$ -	\$ -	\$ 9,614	\$ -	\$ -	\$ 9,614	\$ 13,034		
7.1	Perform regular coordination with Env. Cons.	3		2									5	\$ 1,355		\$ -	\$ 3,036	\$ -	\$ -	\$ -	\$ 3,036	\$ 4,391	
7.2	Ongoing agency coordination												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.2.1	United States Army Corps of Engineers (USACE)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.2.2	Texas Parks and Wildlife Department (TPWD)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.2.3	Local floodplain administrators												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.3	Assist with the review of Env. Cons. monthly invoices	2											2	\$ 590		\$ -	\$ 1,012	\$ -	\$ -	\$ -	\$ -	\$ 1,012	\$ 1,602
7.4	Continuous tracking of Env. Cons. Scope of work & amendments	1											1	\$ 295		\$ -	\$ 1,012	\$ -	\$ -	\$ -	\$ -	\$ 1,012	\$ 1,307
7.5	Perform as-needed site visits with Env Cons. during Field Study												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.6	Coordinated site visits with those identified in Task 8 and 11												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.7	Review and comment on Environmental Permitting Documents	2											2	\$ 590		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 590
7.7.1	USACE												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.7.2	TPWD												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.7.3	United States Fish and Wildlife Service (USFWS)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
7.7.4	Texas Historical Commission (THC)												0	\$ -		\$ -	\$ 1,518	\$ -	\$ -	\$ -	\$ -	\$ 1,518	\$ 1,518
7.8	Review and comment on TWDB deliverables by Env. Cons.	2											2	\$ 590		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 590
7.9	Other Environmental Services as defined by Alliance Water												0	\$ -		\$ -	\$ 3,036	\$ -	\$ -	\$ -	\$ -	\$ 3,036	\$ 3,036
Task 8 - Land Acquisition Management														\$ 8,100	\$ -	\$ -	\$ -	\$ 191,840	\$ -	\$ 191,840	\$ 199,940		
8.1	Review and comment on TWDB land acquisition deliverables	12				24							36	\$ 8,100		\$ -	\$ -	\$ 11,660	\$ -	\$ -	\$ 11,660	\$ 19,760	
8.2	Coord. with landowners to facilitate access for Consultants for field work												0	\$ -		\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ 9,900	\$ 9,900	
8.3	Assist in resolution of title issues												0	\$ -		\$ -	\$ -	\$ 29,425	\$ -	\$ -	\$ 29,425	\$ 29,425	
8.4	Biweekly meetings with Alliance Water and Special Council												0	\$ -		\$ -	\$ -	\$ 15,950	\$ -	\$ -	\$ 15,950	\$ 15,950	
8.5	Other Ld. Acq. services as identified and assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ 124,905	\$ -	\$ -	\$ 124,905	\$ 124,905	
Task 9 - Texas Water Development Board Management														\$ 4,640	\$ -	\$ -	\$ 44,308	\$ -	\$ -	\$ 44,308	\$ 48,948		
9.1	Identify milestone deliverables and provide feedback on CP schedule												0	\$ -		\$ -	\$ 8,360	\$ -	\$ -	\$ -	\$ 8,360	\$ 8,360	
9.2	Review TWDB deliverables for conformance to TWDB requirements	4				4							8	\$ 1,940		\$ -	\$ 8,360	\$ -	\$ -	\$ -	\$ 8,360	\$ 10,300	
9.3	Perform regular coordination with the TWDB to discuss ongoing actions	2				4							6	\$ 1,350		\$ -	\$ 12,540	\$ -	\$ -	\$ -	\$ 12,540	\$ 13,890	
9.4	Prepare fund release request letters for submission to TWDB												0	\$ -		\$ -	\$ 12,540	\$ -	\$ -	\$ -	\$ 12,540	\$ 12,540	
9.5	TWDB progress meeting	2				4							6	\$ 1,350		\$ -	\$ 2,508	\$ -	\$ -	\$ -	\$ 2,508	\$ 3,858	
Task 10 - Design Standards Updates														\$ 3,055	\$ -	\$ -	\$ -	\$ 5,445	\$ -	\$ 5,445	\$ 8,500		
10.1	Development of Design Standards, Specifications, and Details												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10.1.1	Transmission Pipelines and Delivery Points Design Stds. - Finalize	1				1							3	\$ 645		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 645
10.1.2	Preparation of Standard Specifications for Const. - Finalize	1	1			1							4	\$ 920		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 920
10.1.3	Preparation of Standard Details - Finalize	1	1			1							4	\$ 920		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 920
10.1.4	Pipeline Corrosion Protection Standards	1	1										2	\$ 570		\$ -	\$ -	\$ 5,445	\$ -	\$ -	\$ 5,445	\$ 6,015	
10.1.5	Telemetry, Instrumentation & Controls, SCADA, and Security Standards												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
10.1.6	Fiber Optic Standards												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Task 11 - Engineering Design Management														\$ 46,620	\$ -	\$ -	\$ 4,928	\$ -	\$ -	\$ 4,928	\$ 51,548		
11.1	Management and Coordination of Hydrogeology/Well Drilling												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

Alliance Regional Water Authority																			Project Fee Summary				
Owner's Representative / Program Management (Work Order No. 9)																			Total Effort	\$ 990,489			
2/9/2024																							
Detailed Overall Kimley-Horn Cost Breakdown																							
Scope of Services																							
Task	Project Role	QA/QC / Senior Mngtr / Principal	Senior Tech. Avs / Deputy Prj Mngtr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions	
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00											
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
11.2	Management and Coordination of Well Pumps and Raw Water Inf.												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of Design Consultants monthly invoices	4											4	\$ 1,180		\$ -	\$ 1,210	\$ -	\$ -	\$ -	1,210	\$ 2,390	
	Perform regular coordination with the DC to discuss ongoing tasks	4											4	\$ 1,180		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
11.3	Management and Coordination of WTP and HSPS												0	\$ -		\$ -	\$ 1,298	\$ -	\$ -	\$ -	1,298	\$ 1,298	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of Design Consultants monthly invoices	4											4	\$ 1,180		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	
	Perform regular coordination with the DC to discuss ongoing tasks	4											4	\$ 1,180		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
11.4	Management and Coordination of Transmission Pipeline (5 Contracts)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ 2,360		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,360	
	Assist with the review of Design Consultants monthly invoices	8	12										20	\$ 5,660		\$ -	\$ 2,420	\$ -	\$ -	\$ -	2,420	\$ 8,080	
	Perform regular coordination with the DC to discuss ongoing tasks	3	12										15	\$ 4,185		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,185	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water	3	9										12	\$ 3,360		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,360	
11.5	Management and Coordination of Admin. Building and Ops. Center												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review and provide comments on the PMP prepared by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Perform initial windshield survey to review the overall Phase 1B projects												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
11.6	Management and Coordination of BPS & Delivery Points												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of Design Consultants monthly invoices	6											6	\$ 1,770		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,770	
	Perform regular coordination with the DC to discuss ongoing tasks	4											4	\$ 1,180		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
11.7	Management and Coordination of Elevated Storage Tanks												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC	2	4										6	\$ 1,690		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,690	
	Assist with the review of proposed LOE developed by the DC	2	4										6	\$ 1,690		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,690	
	Assist with the review of Design Consultants monthly invoices	6	12										18	\$ 5,070		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,070	
	Perform regular coordination with the DC to discuss ongoing tasks		12										12	\$ 3,300		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,300	
	Review/Comment on milestone submittals prepared by DC	6	6										12	\$ 3,420		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,420	
	Review/Comment on OPCC's prepared by DC	2	2										4	\$ 1,140		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,140	
	Other Design-related services as assigned by Alliance Water	3	6										9	\$ 2,535		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,535	
11.8	Management and Coordination of Program Survey												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Assist with the review of Design Consultants monthly invoices	2	4										6	\$ 1,690		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,690	
	Perform regular coordination with the DC to discuss ongoing tasks	3	3										6	\$ 1,710		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,710	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Review/Comment on OPCC's prepared by DC	1	1										2	\$ 570		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570	
	Other Design-related services as assigned by Alliance Water	1	1										2	\$ 570		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570	
	Task 12 - Quality Assurance													\$ 3,930	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,930	
12.1	Review the QA/QC Plans prepared by the Consultants based on PMP	1	3			1							5	\$ 1,310		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,310	
12.2	Perform regular coordination with all Consultants on QA/QC imp.	1	3			1							5	\$ 1,310		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,310	
12.3	Review/Receive QA/QC documentation from Consultants	1	3			1							5	\$ 1,310		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,310	
	Task 13 - Permit Coordination/Tracking													\$ 2,045	\$ -	\$ -	\$ 94,281	\$ -	\$ -	\$ -	\$ 94,281	\$ 99,701	
13.1	Perform regular coordination with Consultants	1											1	\$ 295		\$ -	\$ 1,034	\$ -	\$ -	\$ -	\$ 1,034	\$ 1,329	
13.2	Incorporate permit updates from Consultants into master tracking list	2											2	\$ 590		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 590	
13.3	Water Quality Testing and Coordination	2											2	\$ 590		\$ -	\$ 40,348	\$ -	\$ -	\$ -	\$ 40,348	\$ 40,938	

Alliance Regional Water Authority																		Project Fee Summary					
Owner's Representative / Program Management (Work Order No. 9)																		Total Effort	\$ 990,489				
2/9/2024																							
Detailed Overall Kimley-Horn Cost Breakdown																							
Scope of Services																							
Task	Project Role	QA/QC / Senior Mgr / Principal	Senior Tech. Avs / Deputy Prj Mgr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions	
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00											
13.4	Management of Permit Submittal					3							3	\$ 570		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570	
13.4.1	TCEQ												0	\$ -		\$ -	\$ 8,844	\$ -	\$ -	\$ -	\$ 8,844	\$ 8,844	
13.4.2	TxDOT – Design Consultants												0	\$ -		\$ -	\$ 6,204	\$ -	\$ -	\$ -	\$ 6,204	\$ 6,204	
13.4.3	UPRR												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
13.4.4	Counties (Hays, Caldwell, Guadalupe)												0	\$ -		\$ -	\$ 1,551	\$ -	\$ -	\$ -	\$ 1,551	\$ 1,551	
13.4.5	Cities (Kyle, San Marcos, Umland, Lockhart, Maxwell, others)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
13.4.6	Private utilities												0	\$ -		\$ -	\$ 2,068	\$ -	\$ -	\$ -	\$ 2,068	\$ 2,068	
13.5	TCEQ Coordination and Start Up Approvals	5				10							15	\$ 3,375		\$ -	\$ 34,232	\$ -	\$ -	\$ -	\$ 34,232	\$ 37,607	
	Task 14 - Procurement and Construction Phase Services													\$ 84,270	\$ -	\$ -	\$ 60,115	\$ -	\$ -	\$ -	\$ 60,115	\$ 144,385	
14.1	Management and Coordination of Hydrogeology/Well Drilling												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Administration												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Request for Information												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pay Request												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Change Orders												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Record Drawings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Commissioning												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substantial Completion												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Final Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Warranty Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14.2	Management and Coordination of Well Pumps and Raw Water Inf.												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Administration												3	\$ 885		\$ -	\$ 1,034	\$ -	\$ -	\$ -	\$ 1,034	\$ 1,919	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	\$ 1,034	\$ -	\$ -	\$ -	\$ 1,034	\$ 1,034	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Request for Information												2	\$ 590		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 590	
	Pay Request												1	\$ 295		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295	
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Change Orders												2	\$ 590		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 590	
	Record Drawings												1	\$ 295		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 812	
	Commissioning												1	\$ 295		\$ -	\$ 259	\$ -	\$ -	\$ -	\$ 259	\$ 554	
	Substantial Completion												1	\$ 295		\$ -	\$ 259	\$ -	\$ -	\$ -	\$ 259	\$ 554	
	Final Walkthrough												1	\$ 295		\$ -	\$ 259	\$ -	\$ -	\$ -	\$ 259	\$ 554	
	Warranty Walkthrough												0	\$ -		\$ -	\$ 259	\$ -	\$ -	\$ -	\$ 259	\$ 259	
14.3	Management and Coordination of WTP and HSPS												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Administration												4	\$ 1,180		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Monthly Construction Meetings												2	\$ 590		\$ -	\$ 836	\$ -	\$ -	\$ -	\$ 836	\$ 1,426	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Request for Information												0	\$ -		\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ 6,600	\$ 6,600	
	Pay Request												1	\$ 295		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295	

Alliance Regional Water Authority																			Project Fee Summary				
Owner's Representative / Program Management (Work Order No. 9)																			Total Effort	\$ 990,489			
2/9/2024																							
Detailed Overall Kimley-Horn Cost Breakdown																							
Scope of Services																							
Task	Project Role	QA/QC / Senior Mngtr / Principal	Senior Tech. Avis / Deputy Prj Mngtr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions	
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00											
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Change Orders												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Record Drawings	2											2	\$ 590		\$ -	\$ 3,476	\$ -	\$ -	\$ -	\$ 3,476	\$ 4,066	
	Commissioning	2											2	\$ 590		\$ -	\$ 4,070	\$ -	\$ -	\$ -	\$ 4,070	\$ 4,660	
	Substantial Completion	1											1	\$ 295		\$ -	\$ 1,485	\$ -	\$ -	\$ -	\$ 1,485	\$ 1,780	
	Final Walkthrough	1											1	\$ 295		\$ -	\$ 6,985	\$ -	\$ -	\$ -	\$ 6,985	\$ 7,280	
	Warranty Walkthrough												0	\$ -		\$ -	\$ 209	\$ -	\$ -	\$ -	\$ 209	\$ 209	
14.4	Management and Coordination of Transmission Pipeline (5 Contracts)												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Administration	4	4										8	\$ 2,280		\$ -	\$ 12,408	\$ -	\$ -	\$ -	\$ 12,408	\$ 14,688	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Monthly Construction Meetings	6	12										18	\$ 5,070		\$ -	\$ 6,204	\$ -	\$ -	\$ -	\$ 6,204	\$ 11,274	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Submittals	8	12										20	\$ 5,660		\$ -	\$ 3,102	\$ -	\$ -	\$ -	\$ 3,102	\$ 8,762	
	Substitutions	4	4										8	\$ 2,280		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,280	
	Request for Information	4	8										12	\$ 3,380		\$ -	\$ 2,068	\$ -	\$ -	\$ -	\$ 2,068	\$ 5,448	
	Pay Request	4	8										12	\$ 3,380		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,380	
	Defective Work	2	4										6	\$ 1,690		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,690	
	Change Orders	3	8										11	\$ 3,085		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 3,602	
	Record Drawings	2	4										6	\$ 1,690		\$ -	\$ 2,068	\$ -	\$ -	\$ -	\$ 2,068	\$ 3,758	
	Commissioning	2	6										8	\$ 2,240		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 2,757	
	Substantial Completion		4										4	\$ 1,100		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 1,617	
	Final Walkthrough		4										4	\$ 1,100		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 1,617	
	Warranty Walkthrough												0	\$ -		\$ -	\$ 517	\$ -	\$ -	\$ -	\$ 517	\$ 517	
14.5	Management and Coordination of Admin. Building and Ops. Center												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Administration												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Monthly Construction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Request for Information												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Pay Request												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Change Orders												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Record Drawings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Commissioning												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Substantial Completion												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Final Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Warranty Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
14.6	Management and Coordination of BPS & Delivery Points												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Administration	2	2										4	\$ 1,140		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,140	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Monthly Construction Meetings	1	1										2	\$ 570		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 570	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Request for Information												0	\$ -		\$ -	\$ 2,200	\$ -	\$ -	\$ -	\$ 2,200	\$ 2,200	
	Pay Request												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Change Orders												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Record Drawings	2	4										6	\$ 1,690		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,690	

Alliance Regional Water Authority Owner's Representative / Program Management (Work Order No. 9) 2/9/2024																			Project Fee Summary				
																			Total Effort	\$	990,489		
Detailed Overall Kimley-Horn Cost Breakdown																							
Scope of Services																							
Task	Project Role	QA/QC / Senior Mgr / Principal	Senior Tech. Avs / Deputy Prj Mgr	Senior Engineer	GIS Specialist	Civil Engineer	IT Professional	GIS Developer	CADD Operator / Senior Technician	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Foster CM Group	STV	Spitzer	V&A	Total Sub Effort	Total Effort	Assumptions	
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$165.00	\$180.00	\$160.00	\$160.00	\$140.00	\$100.00											
	Commissioning	2	6										8	\$ 2,240		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,240	
	Substantial Completion		4										4	\$ 1,100		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,100	
	Final Walkthrough		4										4	\$ 1,100		\$ -	\$ 2,200	\$ -	\$ -	\$ -	\$ 2,200	\$ 3,300	
	Warranty Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14.7	Management and Coordination of Elevated Storage Tanks												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting	2	3										5	\$ 1,415		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,415	
	Addenda Review	2	3										5	\$ 1,415		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,415	
	Proposal Evaluation and Recommendation	3											3	\$ 885		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 885	
	Committee and Board Items	2	2										4	\$ 1,140		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,140	
	Execution of Contract	1	3										4	\$ 1,120		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,120	
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Administration	10	10										20	\$ 5,700		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,700	
	Preconstruction Meetings	4	4										8	\$ 2,280		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,280	
	Monthly Construction Meetings	6	12										18	\$ 5,070		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,070	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Submittals	4	16										20	\$ 5,580		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,580	
	Substitutions	2	6										8	\$ 2,240		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,240	
	Request for Information	4	8										12	\$ 3,380		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,380	
	Pay Request	2	8										10	\$ 2,790		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,790	
	Defective Work	1	2										3	\$ 845		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 845	
	Change Orders	2	6										8	\$ 2,240		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,240	
	Record Drawings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Commissioning												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substantial Completion												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Final Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Warranty Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
14.8	Management and Coordination of Program Survey												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Procurement Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Addenda Review												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Committee and Board Items												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Execution of Contract												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Phase Services												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Administration												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Preconstruction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction Activities												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Submittals												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substitutions												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Request for Information												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Pay Request												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Defective Work												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Change Orders												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Record Drawings												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Commissioning												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Substantial Completion												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Final Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Warranty Walkthrough												0	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Task 15 - Project Administration													\$ 7,620	\$ -	\$ 1,452	\$ 15,444	\$ -	\$ -	\$ -	\$ 16,896	\$ 24,516	
15.1	Invoicing	6				6						18	30	\$ 4,710		\$ 1,452	\$ 8,712	\$ -	\$ -	\$ -	\$ 10,164	\$ 14,874	
15.2	Project Management	6				6							12	\$ 2,910		\$ -	\$ 6,732	\$ -	\$ -	\$ -	\$ 6,732	\$ 9,642	
	Task 16 - Other Services													\$ 57,600	\$ 25,000	\$ -	\$ 10,824	\$ -	\$ -	\$ -	\$ 10,824	\$ 93,424	
16.1	AWIA Risk and Resiliency Report for ARWA Facilities and Interconnects	20	60			80						40	300	\$ 57,600	\$ 25,000	\$ -	\$ 10,824	\$ -	\$ -	\$ -	\$ 10,824	\$ 93,424	
	Task 17 - Environmental Construction Phase Services													\$ -	\$ -	\$ -	\$ 113,718	\$ -	\$ -	\$ -	\$ 113,718	\$ 113,718	
17.1	Pre-Construction Meeting with Contractor												0	\$ -		\$ -	\$ 10,120	\$ -	\$ -	\$ -	\$ 10,120	\$ 10,120	
17.2	Migratory Bird Nest Survey												0	\$ -		\$ -	\$ 60,170	\$ -	\$ -	\$ -	\$ 60,170	\$ 60,170	
17.3	Cultural Resources												0	\$ -		\$ -	\$ 7,524	\$ -	\$ -	\$ -	\$ 7,524	\$ 7,524	
17.4	Encountered Protected Species												0	\$ -		\$ -	\$ 7,524	\$ -	\$ -	\$ -	\$ 7,524	\$ 7,524	
17.5	USACE Compliance and Reporting												0	\$ -		\$ -	\$ 16,544	\$ -	\$ -	\$ -	\$ 16,544	\$ 16,544	
17.6	Hazardous Materials On-Call												0	\$ -		\$ -	\$ 11,836	\$ -	\$ -	\$ -	\$ 11,836	\$ 11,836	
	Grand Total													\$ 295,705	\$ 34,300	\$ 45,848	\$ 367,356	\$ 191,840	\$ 5,445	\$ 610,489	\$ 990,489		
																	\$ 41,680	\$ 333,960	\$ 174,400	\$ 4,950		SUM	
																	4.2%	33.7%	17.6%	0.5%		56.0%	
																	10% Markup	\$ 45,848	\$ 367,356	\$ 191,840	\$ 5,445		

Alliance Water						Project Fee Summary		
Owners Representative						Total Effort	\$	41,680
2/9/2024								
Detailed Overall Foster CM Group Cost Breakdown								

Basic Services									
Task	Project Role	Senior Scheduler	Document Control Specialist		Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$220.00	\$130.00						
Task 1 - Program Management Plan Updates									
Task 2 - Stakeholder Coordination									
2.1	Stakeholder Identification				0	\$ -	\$ -	\$ -	
2.2	Initial and/or Ongoing Coordination				0	\$ -	\$ -	\$ -	
2.2.1	Executive Director				0	\$ -	\$ -	\$ -	
2.2.2	Technical Committee and Board				0	\$ -	\$ -	\$ -	
2.2.3	PAC				0	\$ -	\$ -	\$ -	
2.2.4	Other Alliance Water Consulting Services				0	\$ -	\$ -	\$ -	
2.2.5	Texas Commission on Environmental Quality				0	\$ -	\$ -	\$ -	
2.2.6	Texas Department of Transportation				0	\$ -	\$ -	\$ -	
2.2.7	Union Pacific Railroad				0	\$ -	\$ -	\$ -	
2.2.8	Counties (Hays, Caldwell, Guadalupe)				0	\$ -	\$ -	\$ -	
2.2.9	Cities (Kyle, San Marcos, Uhland, Lockhart, Maxwell, others)				0	\$ -	\$ -	\$ -	
2.2.10	GBRA and/or its Consultants				0	\$ -	\$ -	\$ -	
2.2.11	Other Utilities/Entities				0	\$ -	\$ -	\$ -	
2.3	Alliance Water Executive Director coordination meetings				0	\$ -	\$ -	\$ -	
2.4	Alliance Water Technical Committee and Board Meetings				0	\$ -	\$ -	\$ -	
2.5	PAC Meetings				0	\$ -	\$ -	\$ -	
2.6	Other ARWA Consulting Services - as part of Coord. Mtg. with ED.				0	\$ -	\$ -	\$ -	
2.7	Texas Commission on Environmental Quality - Meetings				0	\$ -	\$ -	\$ -	
2.8	Texas Department of Transportation - Meetings				0	\$ -	\$ -	\$ -	
2.9	Union Pacific Railroad - Meetings				0	\$ -	\$ -	\$ -	
2.10	Counties - Meetings				0	\$ -	\$ -	\$ -	
2.11	Cities - Meetings				0	\$ -	\$ -	\$ -	
2.12	Other Utilities/Entities - Meetings				0	\$ -	\$ -	\$ -	
2.13	Internal Program Monthly Meetings	12			12	\$ 2,640	\$ -	\$ 2,640	
Task 3 - Budgeting									
3.1	Perform Monthly Budget Updates	156			156	\$ 34,320	\$ -	\$ 34,320	
3.1.1	Track costs to the Phase 1B Program vs. the anticipated budget				0	\$ -	\$ -	\$ -	
3.1.2	Coordinate with applicable parties to receive current OPCC data				0	\$ -	\$ -	\$ -	
3.1.3	Identify budget deviations and coordinate with applicable parties				0	\$ -	\$ -	\$ -	
3.2	Prepare Budget Updates				0	\$ -	\$ -	\$ -	
3.2.1	Executive Director (Monthly)				0	\$ -	\$ -	\$ -	
3.2.2	Alliance Water Board and Technical Committee (Quarterly)	4			4	\$ 880	\$ -	\$ 880	
3.2.3	PAC (Quarterly)				0	\$ -	\$ -	\$ -	
3.2.4	TWDB (Quarterly)				0	\$ -	\$ -	\$ -	
3.2.5	Public (Quarterly)				0	\$ -	\$ -	\$ -	
Task 4 - Schedule									
Task 5 - Reporting									

Alliance Water						Project Fee Summary		
Owners Representative						Total Effort	\$	41,680
2/9/2024								
Detailed Overall Foster CM Group Cost Breakdown								

Basic Services									
Task	Project Role	Senior Scheduler	Document Control Specialist		Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$220.00	\$130.00						
Task 6 - Data Management									
6.1	Overall Data Management				0	\$ -	\$ -	\$ -	
6.1.1	Perform admin. Support functions for overall project record keeping	2	16		18	\$ 2,520	\$ -	\$ 2,520	
6.1.2	Enter information into applicable data management system				0	\$ -	\$ -	\$ -	
6.1.3	Distribute updated contract documents				0	\$ -	\$ -	\$ -	
6.1.4	Prepare, manage, record, distribute and archive documentation				0	\$ -	\$ -	\$ -	
6.1.5	Log receipt of all documents and inquiries requiring a response				0	\$ -	\$ -	\$ -	
6.1.6	Review supporting documents for conformance with PMP				0	\$ -	\$ -	\$ -	
6.1.7	Maintain project records				0	\$ -	\$ -	\$ -	
6.1.8	Maintain change management logs, RFI logs, RFP logs, Submittal logs				0	\$ -	\$ -	\$ -	
6.1.9	Perform internal audits for quality assurance of overall documents				0	\$ -	\$ -	\$ -	
6.2	Microsoft SharePoint				0	\$ -	\$ -	\$ -	
6.2.1	Perform ongoing data management of documents within SharePoint				0	\$ -	\$ -	\$ -	
6.3	Interactive Web-based GIS				0	\$ -	\$ -	\$ -	
6.3.1	Perform ongoing incorporation of data within ArcGIS				0	\$ -	\$ -	\$ -	
6.4	Coordination with CMI Team regarding GPS Collected Data				0	\$ -	\$ -	\$ -	
6.4.1	Coordinate with CMI Team regarding GIS site				0	\$ -	\$ -	\$ -	
6.4.2	Review data loaded by CMI Team on a monthly basis				0	\$ -	\$ -	\$ -	
6.5	Transition program data to ARWA				0	\$ -	\$ -	\$ -	
Task 7 - Environmental Management									
Task 8 - Land Acquisition Management									
Task 9 - Texas Water Development Board Management									
Task 10 - Design Standards Updates									
Task 11 - Engineering Design Management									
Task 12 - Quality Assurance									
Task 13 - Permit Coordination/Tracking									
Task 14 - Procurement and Construction Phase Services									
Task 15 - Project Administration									
15.1	Invoicing	6			6	\$ 1,320	\$ -	\$ 1,320	
15.2	Project Management				0	\$ -	\$ -	\$ -	
Task 16 - Other Services									
Task 17 - Environmental Construction Phase Services									
Grand Total						\$ 41,680	\$ -	\$ 41,680	

Alliance Water Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Project Fee Summary
	Total Effort \$ 333,960

Basic Services														Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
Task	Project Role	QA/QC / Senior Mngr / Principal	Senior Tech. Avis / Deputy Prj Mngr	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician						
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00						
Task 1 - Program Management Plan Updates															\$ -	\$ -	\$ -	
Task 2 - Stakeholder Coordination															\$ 12,840	\$ -	\$ 12,840	
2.1	Stakeholder Identification													0	\$ -	\$ -	\$ -	
2.2	Initial and/or Ongoing Coordination													0	\$ -	\$ -	\$ -	
2.2.1	Executive Director													0	\$ -	\$ -	\$ -	
2.2.2	Technical Committee and Board	4												4	\$ 1,180	\$ -	\$ 1,180	
2.2.3	PAC	4												4	\$ 1,180	\$ -	\$ 1,180	
2.2.4	Other Alliance Water Consulting Services													0	\$ -	\$ -	\$ -	
2.2.5	Texas Commission on Environmental Quality													0	\$ -	\$ -	\$ -	
2.2.6	Texas Department of Transportation													0	\$ -	\$ -	\$ -	
2.2.7	Union Pacific Railroad													0	\$ -	\$ -	\$ -	
2.2.8	Counties (Hays, Caldwell, Guadalupe)					4								4	\$ 940	\$ -	\$ 940	
2.2.9	Cities (Kyle, San Marcos, Umland, Lockhart, Maxwell, others)													0	\$ -	\$ -	\$ -	
2.2.10	GBRA and/or its Consultants													0	\$ -	\$ -	\$ -	
2.2.11	Other Utilities/Entities													0	\$ -	\$ -	\$ -	
2.3	Alliance Water Executive Director coordination meetings	12				12								24	\$ 6,360	\$ -	\$ 6,360	
2.4	Alliance Water Technical Committee and Board Meetings													0	\$ -	\$ -	\$ -	
2.5	PAC Meetings													0	\$ -	\$ -	\$ -	
2.6	Other ARWA Consulting Services - as part of Coord. Mtg. with ED.													0	\$ -	\$ -	\$ -	
2.7	Texas Commission on Environmental Quality - Meetings													0	\$ -	\$ -	\$ -	
2.8	Texas Department of Transportation - Meetings													0	\$ -	\$ -	\$ -	
2.9	Union Pacific Railroad - Meetings													0	\$ -	\$ -	\$ -	
2.10	Counties - Meetings													0	\$ -	\$ -	\$ -	
2.11	Cities - Meetings													0	\$ -	\$ -	\$ -	
2.12	Other Utilities/Entities - Meetings													0	\$ -	\$ -	\$ -	
2.13	Internal Program Monthly Meetings	6				6								12	\$ 3,180	\$ -	\$ 3,180	
Task 3 - Budgeting															\$ -	\$ -	\$ -	
Task 4 - Schedule															\$ -	\$ -	\$ -	
Task 5 - Reporting															\$ -	\$ -	\$ -	
Task 6 - Data Management															\$ -	\$ -	\$ -	
Task 7 - Environmental Management															\$ 8,740	\$ -	\$ 8,740	
7.1	Perform regular coordination with Env. Cons.				12									12	\$ 2,760	\$ -	\$ 2,760	
7.2	Ongoing agency coordination													0	\$ -	\$ -	\$ -	
7.2.1	United States Army Corps of Engineers (USACE)													0	\$ -	\$ -	\$ -	
7.2.2	Texas Parks and Wildlife Department (TPWD)													0	\$ -	\$ -	\$ -	
7.2.3	Local floodplain administrators													0	\$ -	\$ -	\$ -	
7.3	Assist with the review of Env. Cons. monthly invoices				4									4	\$ 920	\$ -	\$ 920	
7.4	Continuous tracking of Env. Cons. Scope of work & amendments				4									4	\$ 920	\$ -	\$ 920	
7.5	Perform as-needed site visits with Env Cons. during Field Study													0	\$ -	\$ -	\$ -	
7.6	Coordinated site visits with those identified in Task 8 and 11													0	\$ -	\$ -	\$ -	
7.7	Review and comment on Environmental Permitting Documents													0	\$ -	\$ -	\$ -	
7.7.1	USACE													0	\$ -	\$ -	\$ -	
7.7.2	TPWD													0	\$ -	\$ -	\$ -	
7.7.3	United States Fish and Wildlife Service (USFWS)													0	\$ -	\$ -	\$ -	
7.7.4	Texas Historical Commission (THC)				6									6	\$ 1,380	\$ -	\$ 1,380	
7.8	Review and comment on TWDB deliverables by Env. Cons.													0	\$ -	\$ -	\$ -	
7.9	Other Environmental Services as defined by Alliance Water				12									12	\$ 2,760	\$ -	\$ 2,760	
Task 8 - Land Acquisition Management															\$ -	\$ -	\$ -	
Task 9 - Texas Water Development Board Management															\$ 40,280	\$ -	\$ 40,280	
9.1	Identify milestone deliverables and provide feedback on CP schedule						40							40	\$ 7,600	\$ -	\$ 7,600	
9.2	Review TWDB deliverables for conformance to TWDB requirements						40							40	\$ 7,600	\$ -	\$ 7,600	
9.3	Perform regular coordination with the TWDB to discuss ongoing actions						60							60	\$ 11,400	\$ -	\$ 11,400	
9.4	Prepare fund release request letters for submission to TWDB						60							60	\$ 11,400	\$ -	\$ 11,400	
9.5	TWDB progress meeting						12							12	\$ 2,280	\$ -	\$ 2,280	
Task 10 - Design Standards Updates															\$ -	\$ -	\$ -	
Task 11 - Engineering Design Management															\$ 4,480	\$ -	\$ 4,480	

Alliance Water	Project Fee Summary	
Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Total Effort	\$ 333,960

Basic Services																	
Task	Project Role	QA/QC / Senior Mng'r / Principal	Senior Tech. Avis / Deputy Prj Mng'r	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00					
11.1	Management and Coordination of Hydrogeology/Well Drilling												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.2	Management and Coordination of Well Pumps and Raw Water Inf.												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices		4										4	\$ 1,100		\$ 1,100	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.3	Management and Coordination of WTP and HSPS	4											4	\$ 1,180		\$ 1,180	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.4	Management and Coordination of Transmission Pipeline (5 Contracts)												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices		8										8	\$ 2,200		\$ 2,200	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.5	Management and Coordination of Admin. Building and Ops. Center												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Review and provide comments on the PMP prepared by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Perform initial windshield survey to review the overall Phase 1B projects												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.6	Management and Coordination of BPS & Delivery Points												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.7	Management and Coordination of Elevated Storage Tanks												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	
11.8	Management and Coordination of Program Survey												0	\$ -		\$ -	
	Assist with the development and review of project scope for the DC												0	\$ -		\$ -	
	Assist with the review of proposed LOE developed by the DC												0	\$ -		\$ -	
	Assist with the review of Design Consultants monthly invoices												0	\$ -		\$ -	
	Perform regular coordination with the DC to discuss ongoing tasks												0	\$ -		\$ -	
	Review/Comment on milestone submittals prepared by DC												0	\$ -		\$ -	
	Review/Comment on OPCC's prepared by DC												0	\$ -		\$ -	
	Other Design-related services as assigned by Alliance Water												0	\$ -		\$ -	

Alliance Water	Project Fee Summary	
Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Total Effort	\$ 333,960

Basic Services														Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
Task	Project Role	QA/QC / Senior Mng'r / Principal	Senior Tech. Avis / Deputy Prj Mng'r	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician						
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00						
Task 12 - Quality Assurance															\$ -	\$ -	\$ -	
Task 13 - Permit Coordination/Tracking															\$ 85,710	\$ -	\$ 85,710	
13.1	Perform regular coordination with Consultants					4								4	\$ 940	\$ -	\$ 940	
13.2	Incorporate permit updates from Consultants into master tracking list													0	\$ -	\$ -	\$ -	
13.3	Water Quality Testing and Coordination	16				16	60		120					212	\$ 36,680	\$ -	\$ 36,680	
13.4	Management of Permit Submittal																	
13.4.1	TCEQ	8				8	20							36	\$ 8,040	\$ -	\$ 8,040	
13.4.2	TxDOT – Design Consultants					24								24	\$ 5,640	\$ -	\$ 5,640	
13.4.3	UPRR													0	\$ -	\$ -	\$ -	
13.4.4	Counties (Hays, Caldwell, Guadalupe)					6								6	\$ 1,410	\$ -	\$ 1,410	
13.4.5	Cities (Kyle, San Marcos, Uhland, Lockhart, Maxwell, others)													0	\$ -	\$ -	\$ -	
13.4.6	Private utilities					8								8	\$ 1,880	\$ -	\$ 1,880	
13.5	TCEQ Coordination and Start Up Approvals	16					80		80					176	\$ 31,120	\$ -	\$ 31,120	
Task 14 - Procurement and Construction Phase Services															\$ 54,650	\$ -	\$ 54,650	
14.1	Management and Coordination of Hydrogeology/Well Drilling													0	\$ -	\$ -	\$ -	
	Procurement Services													0	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting													0	\$ -	\$ -	\$ -	
	Addenda Review													0	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation													0	\$ -	\$ -	\$ -	
	Committee and Board Items													0	\$ -	\$ -	\$ -	
	Execution of Contract													0	\$ -	\$ -	\$ -	
	Construction Phase Services													0	\$ -	\$ -	\$ -	
	Administration													0	\$ -	\$ -	\$ -	
	Preconstruction Meetings													0	\$ -	\$ -	\$ -	
	Monthly Construction Meetings													0	\$ -	\$ -	\$ -	
	Construction Activities													0	\$ -	\$ -	\$ -	
	Submittals													0	\$ -	\$ -	\$ -	
	Substitutions													0	\$ -	\$ -	\$ -	
	Request for Information													0	\$ -	\$ -	\$ -	
	Pay Request													0	\$ -	\$ -	\$ -	
	Defective Work													0	\$ -	\$ -	\$ -	
	Change Orders													0	\$ -	\$ -	\$ -	
	Record Drawings													0	\$ -	\$ -	\$ -	
	Commissioning													0	\$ -	\$ -	\$ -	
	Substantial Completion													0	\$ -	\$ -	\$ -	
	Final Walkthrough													0	\$ -	\$ -	\$ -	
	Warranty Walkthrough													0	\$ -	\$ -	\$ -	
14.2	Management and Coordination of Well Pumps and Raw Water Inf.													0	\$ -	\$ -	\$ -	
	Procurement Services													0	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting													0	\$ -	\$ -	\$ -	
	Addenda Review													0	\$ -	\$ -	\$ -	
	Proposal Evaluation and Recommendation													0	\$ -	\$ -	\$ -	
	Committee and Board Items													0	\$ -	\$ -	\$ -	
	Execution of Contract													0	\$ -	\$ -	\$ -	
	Construction Phase Services													0	\$ -	\$ -	\$ -	
	Administration					4								4	\$ 940	\$ -	\$ 940	
	Preconstruction Meetings													0	\$ -	\$ -	\$ -	
	Monthly Construction Meetings					4								4	\$ 940	\$ -	\$ 940	
	Construction Activities													0	\$ -	\$ -	\$ -	
	Submittals													0	\$ -	\$ -	\$ -	
	Substitutions													0	\$ -	\$ -	\$ -	
	Request for Information													0	\$ -	\$ -	\$ -	
	Pay Request													0	\$ -	\$ -	\$ -	
	Defective Work													0	\$ -	\$ -	\$ -	
	Change Orders													0	\$ -	\$ -	\$ -	
	Record Drawings						2							2	\$ 470	\$ -	\$ 470	
	Commissioning						1							1	\$ 235	\$ -	\$ 235	
	Substantial Completion						1							1	\$ 235	\$ -	\$ 235	
	Final Walkthrough						1							1	\$ 235	\$ -	\$ 235	
	Warranty Walkthrough						1							1	\$ 235	\$ -	\$ 235	
14.3	Management and Coordination of WTP and HSPS													0	\$ -	\$ -	\$ -	
	Procurement Services													0	\$ -	\$ -	\$ -	
	Pre-Proposal Meeting													0	\$ -	\$ -	\$ -	

Alliance Water	Project Fee Summary	
Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Total Effort	\$ 333,960

Basic Services														Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
Task	Project Role	QA/QC / Senior Mng'r / Principal	Senior Tech. Avis / Deputy Prj Mng'r	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician						
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00						
	Addenda Review												0	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -	\$ -	\$ -		
	Administration												0	\$ -	\$ -	\$ -		
	Preconstruction Meetings												0	\$ -	\$ -	\$ -		
	Monthly Construction Meetings						4						4	\$ 760	\$ 760	\$ 760		
	Construction Activities												0	\$ -	\$ -	\$ -		
	Submittals												0	\$ -	\$ -	\$ -		
	Substitutions												0	\$ -	\$ -	\$ -		
	Request for Information			24									24	\$ 6,000	\$ 6,000	\$ 6,000		
	Pay Request												0	\$ -	\$ -	\$ -		
	Defective Work												0	\$ -	\$ -	\$ -		
	Change Orders												0	\$ -	\$ -	\$ -		
	Record Drawings			4			4	8					16	\$ 3,160	\$ 3,160	\$ 3,160		
	Commissioning	4		4			8						16	\$ 3,700	\$ 3,700	\$ 3,700		
	Substantial Completion	2					4						6	\$ 1,350	\$ 1,350	\$ 1,350		
	Final Walkthrough	2		20			4						26	\$ 6,350	\$ 6,350	\$ 6,350		
	Warranty Walkthrough						1						1	\$ 190	\$ 190	\$ 190		
14.4	Management and Coordination of Transmission Pipeline (5 Contracts)												0	\$ -	\$ -	\$ -		
	Procurement Services												0	\$ -	\$ -	\$ -		
	Pre-Proposal Meeting												0	\$ -	\$ -	\$ -		
	Addenda Review												0	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -	\$ -	\$ -		
	Administration						48						48	\$ 11,280	\$ 11,280	\$ 11,280		
	Preconstruction Meetings												0	\$ -	\$ -	\$ -		
	Monthly Construction Meetings						24						24	\$ 5,640	\$ 5,640	\$ 5,640		
	Construction Activities												0	\$ -	\$ -	\$ -		
	Submittals						12						12	\$ 2,820	\$ 2,820	\$ 2,820		
	Substitutions												0	\$ -	\$ -	\$ -		
	Request for Information						8						8	\$ 1,880	\$ 1,880	\$ 1,880		
	Pay Request												0	\$ -	\$ -	\$ -		
	Defective Work												0	\$ -	\$ -	\$ -		
	Change Orders						2						2	\$ 470	\$ 470	\$ 470		
	Record Drawings						8						8	\$ 1,880	\$ 1,880	\$ 1,880		
	Commissioning						2						2	\$ 470	\$ 470	\$ 470		
	Substantial Completion						2						2	\$ 470	\$ 470	\$ 470		
	Final Walkthrough						2						2	\$ 470	\$ 470	\$ 470		
	Warranty Walkthrough						2						2	\$ 470	\$ 470	\$ 470		
14.5	Management and Coordination of Admin. Building and Ops. Center												0	\$ -	\$ -	\$ -		
	Procurement Services												0	\$ -	\$ -	\$ -		
	Pre-Proposal Meeting												0	\$ -	\$ -	\$ -		
	Addenda Review												0	\$ -	\$ -	\$ -		
	Proposal Evaluation and Recommendation												0	\$ -	\$ -	\$ -		
	Committee and Board Items												0	\$ -	\$ -	\$ -		
	Execution of Contract												0	\$ -	\$ -	\$ -		
	Construction Phase Services												0	\$ -	\$ -	\$ -		
	Administration												0	\$ -	\$ -	\$ -		
	Preconstruction Meetings												0	\$ -	\$ -	\$ -		
	Monthly Construction Meetings												0	\$ -	\$ -	\$ -		
	Construction Activities												0	\$ -	\$ -	\$ -		
	Submittals												0	\$ -	\$ -	\$ -		
	Substitutions												0	\$ -	\$ -	\$ -		
	Request for Information												0	\$ -	\$ -	\$ -		
	Pay Request												0	\$ -	\$ -	\$ -		
	Defective Work												0	\$ -	\$ -	\$ -		
	Change Orders												0	\$ -	\$ -	\$ -		
	Record Drawings												0	\$ -	\$ -	\$ -		
	Commissioning												0	\$ -	\$ -	\$ -		
	Substantial Completion												0	\$ -	\$ -	\$ -		
	Final Walkthrough												0	\$ -	\$ -	\$ -		

Alliance Water	Project Fee Summary	
Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Total Effort	\$ 333,960

Task	Project Role	Basic Services											Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
		QA/QC / Senior Mng'r / Principal	Senior Tech. Avis / Deputy Prj Mng'r	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician					
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00					
14.6	Warranty Walkthrough												0	\$ -		\$ -	
	Management and Coordination of BPS & Delivery Points												0	\$ -		\$ -	
	Procurement Services												0	\$ -		\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	
	Addenda Review												0	\$ -		\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	
	Committee and Board Items												0	\$ -		\$ -	
	Execution of Contract												0	\$ -		\$ -	
	Construction Phase Services												0	\$ -		\$ -	
	Administration												0	\$ -		\$ -	
	Preconstruction Meetings												0	\$ -		\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	
	Construction Activities												0	\$ -		\$ -	
	Submittals												0	\$ -		\$ -	
	Substitutions												0	\$ -		\$ -	
	Request for Information				8								8	\$ 2,000		\$ 2,000	
	Pay Request												0	\$ -		\$ -	
	Defective Work												0	\$ -		\$ -	
	Change Orders												0	\$ -		\$ -	
	Record Drawings												0	\$ -		\$ -	
	Commissioning												0	\$ -		\$ -	
	Substantial Completion												0	\$ -		\$ -	
	Final Walkthrough				8								8	\$ 2,000		\$ 2,000	
	Warranty Walkthrough												0	\$ -		\$ -	
14.7	Management and Coordination of Elevated Storage Tanks												0	\$ -		\$ -	
	Procurement Services												0	\$ -		\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	
	Addenda Review												0	\$ -		\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	
	Committee and Board Items												0	\$ -		\$ -	
	Execution of Contract												0	\$ -		\$ -	
	Construction Phase Services												0	\$ -		\$ -	
	Administration												0	\$ -		\$ -	
	Preconstruction Meetings												0	\$ -		\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	
	Construction Activities												0	\$ -		\$ -	
	Submittals												0	\$ -		\$ -	
	Substitutions												0	\$ -		\$ -	
	Request for Information												0	\$ -		\$ -	
	Pay Request												0	\$ -		\$ -	
	Defective Work												0	\$ -		\$ -	
	Change Orders												0	\$ -		\$ -	
	Record Drawings												0	\$ -		\$ -	
	Commissioning												0	\$ -		\$ -	
	Substantial Completion												0	\$ -		\$ -	
	Final Walkthrough												0	\$ -		\$ -	
	Warranty Walkthrough												0	\$ -		\$ -	
14.8	Management and Coordination of Program Survey												0	\$ -		\$ -	
	Procurement Services												0	\$ -		\$ -	
	Pre-Proposal Meeting												0	\$ -		\$ -	
	Addenda Review												0	\$ -		\$ -	
	Proposal Evaluation and Recommendation												0	\$ -		\$ -	
	Committee and Board Items												0	\$ -		\$ -	
	Execution of Contract												0	\$ -		\$ -	
	Construction Phase Services												0	\$ -		\$ -	
	Administration												0	\$ -		\$ -	
	Preconstruction Meetings												0	\$ -		\$ -	
	Monthly Construction Meetings												0	\$ -		\$ -	
	Construction Activities												0	\$ -		\$ -	
	Submittals												0	\$ -		\$ -	
	Substitutions												0	\$ -		\$ -	
	Request for Information												0	\$ -		\$ -	
	Pay Request												0	\$ -		\$ -	
	Defective Work												0	\$ -		\$ -	
	Change Orders												0	\$ -		\$ -	
	Record Drawings												0	\$ -		\$ -	

Alliance Water	Project Fee Summary	
Owners Representative 2/9/2024 Detailed Overall CP&Y Cost Breakdown	Total Effort	\$ 333,960

Basic Services														Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
Task	Project Role	QA/QC / Senior Mng'r / Principal	Senior Tech. Avis / Deputy Prj Mng'r	Senior Instrumentation / Electrical Engineer	Senior Environmental Manager	Senior Engineer	Civil Engineer	Instrumentation / Electrical Engineer	Engineer-in-Training I	Biologist	GIS Analyst	Administrative Staff / Technician						
	Hourly Bill Rate	\$295.00	\$275.00	\$250.00	\$230.00	\$235.00	\$190.00	\$175.00	\$140.00	\$120.00	\$135.00	\$95.00						
	Commissioning												0	\$ -	\$ -	\$ -		
	Substantial Completion												0	\$ -	\$ -	\$ -		
	Final Walkthrough												0	\$ -	\$ -	\$ -		
	Warranty Walkthrough												0	\$ -	\$ -	\$ -		
Task 15 - Project Administration															\$ 14,040	\$ -	\$ 14,040	
15.1	Invoicing					24						24	48	\$ 7,920	\$ -	\$ 7,920		
15.2	Project Management		12			12							24	\$ 6,120	\$ -	\$ 6,120		
Task 16 - Other Services															\$ 9,840	\$ -	\$ 9,840	
16.1	AWIA Risk and Resiliency Report for ARWA Facilities and Interconnects	8	8			16	8						40	\$ 9,840	\$ -	\$ 9,840		
Task 17 - Environmental Construction Phase Services															\$ 75,380	\$ 28,000	\$ 103,380	
17.1	Pre-Construction Meeting with Contractor				40								40	\$ 9,200	\$ -	\$ 9,200	Includes pre-con meeting for Seg. C bi-weekly meetings for other segments. Quarter year for Segments A, B, D, all year for Segs C & E.	
17.2	Migratory Bird Nest Survey				120					120	20		260	\$ 44,700	\$ 10,000	\$ 54,700	15 days at 20 hours each day (includes travel time), two biologists, plus time 2 hour per biologist and GIS staff for 15 memos, coordination with construction staff for survey areas	
17.3	Cultural Resources				8								8	\$ 1,840	\$ 5,000	\$ 6,840	Expense is Hicks fee	
17.4	Encountered Protected Species				8								8	\$ 1,840	\$ 5,000	\$ 6,840	Expense is Hicks fee	
17.5	USACE Compliance and Reporting				20					60	24		104	\$ 15,040	\$ -	\$ 15,040		
17.6	Hazardous Materials On-Call				12								12	\$ 2,760	\$ 8,000	\$ 10,760	Expense is Braun fee	
Grand Total															\$ 305,960	\$ 28,000	\$ 333,960	

Alliance Water Owners Representative 2/9/2024 Detailed Overall Spitzer & Associates Cost Breakdown	Project Fee Summary	
	Total Effort	\$ 174,400

Basic Services										
Task	Project Role	Property Acquisition Manager	Acquisition / Title Specialist	Document Control Specialist		Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$250.00	\$150.00	\$130.00						
	Task 1 - Program Management Plan Updates						\$ -	\$ -	\$ -	
	Task 2 - Stakeholder Coordination						\$ -	\$ -	\$ -	
	Task 3 - Budgeting						\$ -	\$ -	\$ -	
	Task 4 - Schedule						\$ -	\$ -	\$ -	
	Task 5 - Reporting						\$ -	\$ -	\$ -	
	Task 6 - Data Management						\$ -	\$ -	\$ -	
	Task 7 - Environmental Management						\$ -	\$ -	\$ -	
	Task 8 - Land Acquisition Management						\$ 174,400	\$ -	\$ 174,400	
8.1	Review and comment on TWDB land acquisition deliverables	8	14	50		72	\$ 10,600		\$ 10,600	
8.2	Coord. with landowners to facilitate access for Consultants for field work	15	35			50	\$ 9,000		\$ 9,000	
8.3	Assist in resolution of title issues	26	96	45		167	\$ 26,750		\$ 26,750	
8.4	Biweekly meetings with Alliance Water and Special Council	58				58	\$ 14,500		\$ 14,500	
8.5	Other Ld. Acq. services as identified and assigned by Alliance Water	135	285	285		705	\$ 113,550		\$ 113,550	
	Task 9 - Texas Water Development Board Management						\$ -	\$ -	\$ -	
	Task 10 - Design Standards Updates						\$ -	\$ -	\$ -	
	Task 11 - Engineering Design Management						\$ -	\$ -	\$ -	
	Task 12 - Quality Assurance						\$ -	\$ -	\$ -	
	Task 13 - Permit Coordination/Tracking						\$ -	\$ -	\$ -	
	Task 14 - Procurement and Construction Phase Services						\$ -	\$ -	\$ -	
	Task 15 - Project Administration						\$ -	\$ -	\$ -	
	Task 16 - Other Services						\$ -	\$ -	\$ -	
	Task 17 - Environmental Construction Phase Services						\$ -	\$ -	\$ -	
Grand Total							\$ 174,400	\$ -	\$ 174,400	

Alliance Water Owners Representative 2/9/2024 Detailed Overall V&A Consulting Engineering, Inc. Cost Breakdown	Project Fee Summary	
	Total Effort	\$ 4,950

Basic Services														
Task	Project Role	QA/QC / Senior Mngr / Principal	Senior Tech. Avis / Deputy Prj Mngr	Senior Engineer	GIS Specialist	Civil Engineer	Engineer-in-Training II	Engineer-in-Training I	Administrative Staff / Technician	Total Hours	Total Labor Effort	Total Expense Effort	Total Effort	Assumptions
	Hourly Bill Rate	\$295.00	\$275.00	\$235.00	\$180.00	\$190.00	\$160.00	\$140.00	\$100.00					
Task 1 - Program Management Plan Updates											\$ -	\$ -	\$ -	
Task 2 - Stakeholder Coordination											\$ -	\$ -	\$ -	
Task 3 - Budgeting											\$ -	\$ -	\$ -	
Task 4 - Schedule											\$ -	\$ -	\$ -	
Task 5 - Reporting											\$ -	\$ -	\$ -	
Task 6 - Data Management											\$ -	\$ -	\$ -	
Task 7 - Environmental Management											\$ -	\$ -	\$ -	
Task 8 - Land Acquisition Management											\$ -	\$ -	\$ -	
Task 9 - Texas Water Development Board Management											\$ -	\$ -	\$ -	
Task 10 - Design Standards Updates											\$ 4,950	\$ -	\$ 4,950	
10.1 Development of Design Standards, Specifications, and Details										0	\$ -	\$ -	\$ -	
10.1.1 Transmission Pipelines and Delivery Points Design Stds. - Finalize										0	\$ -	\$ -	\$ -	
10.1.2 Preparation of Standard Specifications for Const. - Finalize										0	\$ -	\$ -	\$ -	
10.1.3 Preparation of Standard Details - Finalize										0	\$ -	\$ -	\$ -	
10.1.4 Pipeline Corrosion Protection Standards		1	5			8	11			25	\$ 4,950	\$ -	\$ 4,950	
10.1.5 Telemetry, Instrumentation & Controls, SCADA, and Security Standards										0	\$ -	\$ -	\$ -	
10.1.6 Fiber Optic Standards										0	\$ -	\$ -	\$ -	
Task 11 - Engineering Design Management											\$ -	\$ -	\$ -	
Task 12 - Quality Assurance											\$ -	\$ -	\$ -	
Task 13 - Permit Coordination/Tracking											\$ -	\$ -	\$ -	
Task 14 - Procurement and Construction Phase Services											\$ -	\$ -	\$ -	
Task 15 - Project Administration											\$ -	\$ -	\$ -	
Task 16 - Other Services											\$ -	\$ -	\$ -	
Task 17 - Environmental Construction Phase Services											\$ -	\$ -	\$ -	
Grand Total											\$ 4,950	\$ -	\$ 4,950	

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
 San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.7** Update and possible direction to Staff regarding the Authority’s 2024 SWIFT Application. ~ *Graham Moore, P.E., Executive Director*

Background/Information

Staff submitted the Abridged Application for 2024 SWIFT Funding on January 29th, prior to the February 1st deadline. Staff received notice that the deemed the application acceptable for inclusion in the SWIFT Intended Use Plan – Project Priority List and will be posted for public comment after which ARWA will be invited to complete the Financial Application for funding which is typically due in early May. The TWDB submitted a few questions on the application, primarily asking for a few clarifications, including on the environmental status of projects, the Administrative Facility purpose and a reminder that each of the Sponsors must submit their annual water loss audits, conservation reports and updated conservation plans, if updated, by May 1, 2024.

Below is the amount that was requested in the application – Staff expects to reduce this request after working with all Sponsors to determine who wants to continue forward with the Carrizo Water Treatment Plant Expansion project.

Component of Application	Projected Cost
2023 BAN Principle & Interest	\$48,000,000
WTP Expansion	\$24,100,000
Raw Water Expansion	\$53,700,000
Maxwell BPS Expansion	\$12,200,000
Application Total	\$ 138,000,000
Sponsor	Share of Total
San Marcos	\$ 49,486,800
Kyle	\$ 38,874,600
Buda	\$ 7,010,400
CRWA	\$ 42,628,200
<i>Crystal Clear SUD</i>	<i>\$ 23,556,684</i>
<i>Green Valley SUD</i>	<i>\$ 14,670,367</i>
<i>County Line SUD</i>	<i>\$ 4,401,191</i>

The SWIFT funding has a new requirement that will require applicants to have a financial rating from at least one “nationally recognized statistical rating agency”. The Authority’s financial advisor has coordinated with the TWDB Staff and determined that our issuances will not trigger this requirement.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

Board Decision(s) Needed:

- Possible direction to Staff.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- I.8** Consider adoption of Resolution 2024-02-28-005 making Appointments of Directors to the Authority's Technical Committee. ~ *Graham Moore, P.E., Executive Director*
-

Background/Information

With a few recent appointments to the Board of Directors, the Board needs to review appointments to the Technical Committee. Below are the current appointments:

- Blake Neffendorf
- Tim Samford
- Paul Kite
- Regina Franke
- Humberto Ramos
- Michael Van Winkle (Non-Voting Member)
- Mayor Urbanovsky (Non-Voting Member)

The maximum number of Board appointments that can be made to the Committee is six to avoid a meeting of the quorum of the Board.

Attachment(s)

- Resolution 2024-02-28-005

Board Decision(s) Needed:

- Adoption of Resolution 2024-02-28-005 making appointments to the Technical Committee.



ALLIANCE WATER

RESOLUTION NO. 20240228-005

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS MAKING APPOINTMENTS TO THE TECHNICAL COMMITTEE; AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (the "Authority") Board of Directors (the "Authority Board") created and made appointments to the Technical Committee through the adoption of Resolution 20180328-004 in March 2018.

2. The Authority Board wishes to affirm some appointments and make a new appointment to the Technical Committee.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ALLIANCE REGIONAL WATER AUTHORITY:

SECTION 1. The Authority Board appoints _____, _____, _____, _____ and _____ as voting members to the Technical Committee.

SECTION 2. The Authority Board appoints Mayor Lee Urbanovsky and Michael Van Winkle as non-voting members of the Technical Committee.

SECTION 3. This Resolution shall be in full force and effect immediately upon its passage.

ADOPTED: February 28, 2024

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- J.** BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Board Members of future area events and/or requests for item(s) to be placed on a future agenda where no action is required.
-

Background/Information

The Board Members have an opportunity to make announcements or to request that items be added to future Board or Committee agendas.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.

San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

- K.1** *Executive Session pursuant to the Government Code, Section 551.071 (Consultation with Attorney) and/or Section 551.072 (Real Property Deliberations) regarding:*
- A. Water supply partnership options*
 - B. Groundwater leases*
 - C. Acquisition of real property for water supply project purposes*
-

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

K.2 Action from Executive Session on the following matters:

- A. *Water supply partnership options*
 - B. *Groundwater leases*
 - C. *Acquisition of real property for water supply project purposes*
-

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, February 28, 2024 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins Street, San Marcos, TX 78666

L. ADJOURNMENT
