

**Alliance Regional Water Authority
Board of Directors**

REGULAR MEETING



ALLIANCE WATER

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, 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, June 28, 2023, at the San Marcos Activity Center, 501 E. Hopkins, 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. PUBLIC COMMENT PERIOD (Note: Each person wishing to speak must register with the Executive Director at info@alliancewater.org before 3:00 p.m.)

D. 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.

D.1 Consider approval of minutes of the Regular Meeting held May 24, 2023. ~
Graham Moore, P.E., Executive Director

E. PUBLIC HEARINGS / PRESENTATIONS

F. ITEMS FOR DISCUSSION NOT REQUIRING ACTION

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

F.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*

G. EXECUTIVE DIRECTOR AND LEGAL COUNSEL REPORTS - Update on future meeting dates, locations, status of Authority procurements, Executive Director

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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.*

H. ITEMS FOR ACTION OR DISCUSSION/DIRECTION

- H.1 Update and possible direction to Staff regarding construction of the Authority's Phase 1B program. ~ *Toby Flinn, P.E., Pape-Dawson Engineers*
- H.2 Consider adoption of Resolution 2023-06-28-001 approving Change Order #3 with Garney Companies, Inc. for Installation of Open-Cut Casing under FM-110 on the Authority's Phase 1B Segment B Pipeline Project. ~ *Graham Moore, P.E., Executive Director*
- H.3 Consider adoption of Resolution 2023-06-28-002 approving Change Order #4 with Garney Companies, Inc. on the Authority's Phase 1B Segment A Pipeline Project for Trenchless Installation of Casing under the Lehman High School Baseball Fields associated with the Authority's Segment C Pipeline Project. ~ *Graham Moore, P.E., Executive Director*
- H.4 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*
- H.5 Consider adoption of Resolution 2023-06-28-003 approving Supplemental Amendment #1 to Work Order #2 with Alan Plummer & Associates, Inc. for additional design and bidding services associated with splitting the North Elevated Inline Storage Tank Project from the South Elevated Inline Storage Tank Project. ~ *Graham Moore, P.E., Executive Director*
- H.6 Discussion and possible direction to Staff regarding the updated Phase 1B budget projections. ~ *Graham Moore, P.E., Executive Director & Ryan Sowa, P.E. Kimley-Horn & Associates*
- H.7 Discussion and possible direction to Staff regarding the request by the Guadalupe-Blanco River Authority to expand their capacity in the Authority's Water Treatment Plant. ~ *Graham Moore, P.E., Executive Director, Ryan Sowa, P.E. Kimley-Horn & Associates and Marisa Vergara, P.E., STV*
- H.8 Discussion of the draft Authority budget for FY 2023-24; and possible direction to staff. ~ *Graham Moore, P.E., Executive Director*

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- H.9 Discussion and possible adoption of Resolution 2023-06-28-004 adopting the Water Projections Update Policy. *Graham Moore, P.E., Executive Director*
- H.10 Discussion of legislative issues for the 88th Texas Legislature, and possible direction to Staff. ~ *Scott Miller / Jeff Hecker, The Schlueter Group*
- I. 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.
- J. EXECUTIVE SESSION
 - J.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*
 - J.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*

K. 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	
Derrick Turley (Kyle – Water Treatment Operations Manager)	April 2024	
Shaun Condor (San Marcos –Director of Engineering & CIP)	April 2025	
Pat Allen (CRWA - General Manager, Green Valley SUD)	April 2026	
Paul Kite (San Marcos – Asst. Director of Public Services)	April 2025	

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- C.** 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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D. CONSENT AGENDA

Item D.1 is presented as part of the consent agenda.

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D.1 Consider approval of minutes of the Regular Meeting held May 24, 2023. ~ *Graham Moore, P.E., Executive Director*

Attachment(s)

- 2023 05 24 Board Meeting Minutes

Board Decision(s) Needed:

- Approval of minutes.



Alliance Regional Water Authority

BOARD MEETING

MINUTES

Wednesday, May 24, 2023

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, May 24, 2023 at the Buda City Hall, 405 E. Loop Street, Buda, TX 78610.

A. CALL TO ORDER.

- **The Alliance Water Board Meeting was called to order at 2:04 p.m. by Mr. Betz.**

B. ROLL CALL.

- **Present: Franke, Samford, Neffendorf, Gleason, Ramos, Schmeits, Hjorth, Betz, Turley, Allen and Kite with Hughson joining in Item K.1.**
- **Absent: Condor.**

C. SEATING OF NEWLY APPOINTED DIRECTORS AND ELECTION OF OFFICERS

C.1 Oath of Office and swearing in of Directors

- **The Oath of Office was administered to Directors Franke, Neffendorf and Allen.**

C.2 Election of Officers for the May 2023 through April 2024 Board term.

- **Motion to appoint Chris Betz as Board Chair was made by Mr. Ramos, seconded by Mr. Neffendorf and approved on a 11-0 vote.**
- **Motion to appoint Humberto Ramos as Board Vice-Chair was made by Mr. Neffendorf, seconded by Mr. Samford and approved on a 11-0 vote.**
- **Motion to appoint Blake Neffendorf as Board Treasurer was made by Mr. Turley, seconded by Ms. Franke and approved on a 11-0 vote.**
- **Motion to appoint Amber Schmeits as Board Secretary was made by Mr. Neffendorf, seconded by Mr. Kite and approved on a 11-0 vote.**

D. PUBLIC COMMENT PERIOD

- **None.**

E. CONSENT AGENDA

E.1 Consider approval of minutes of the Regular Meeting held April 27, 2023.

- **Motion to approve the consent agenda was made by Mr. Gleason, seconded by Mr. Allen and approved on an 11-0 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

- **Mr. Moore provided an update.**
- **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 Concept Development and Planning attended the meeting and provided the update on the recent public relations activities.**
- **Neffendorf noted that he would like to see more coordination with City PIOs. Mr. Samford agreed that highlighting other Sponsor "wins" would be great.**
- **Mr. Ramos requested that the Authority's recent audits be added to the website.**
- **No Action.**

- I.2 Update and possible direction to Staff regarding construction of the Authority's Phase 1B program.
- **Toby Flinn with Pape-Dawson provided the Phase 1B Construction Update.**
 - **Mr. Hjorth inquired as to why Lockhart water is being considered for testing.**
 - **Mr. Flinn noted that there's more flexibility in use of Lockhart's water in the summer because the San Marcos Water Plant has a higher water demand.**
 - **Mr. Ramos asked in the future to understand how we are protecting against lightning strikes.**
 - **No Action.**
- I.3 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.**

Note: The following items were taken out of order from the agenda listing.

- I.5 Consider adoption of Resolution 2023-05-24-001 approving Amendment #1 to the Adopted FY 2022-23 budget.
- **Mr. Moore presented the Amendment which focuses on re-allocating dollars from the employee expenditure category to the Operations & Maintenance category to account for the decision to award the Operations & Maintenance contract to GBRA.**
 - **Motion to adopt Resolution 2023-05-24-001 as written was made by Mr. Ramos, seconded by Mr. Hjorth and approved on an 11-0 vote.**
- I.6 Consider adoption of Resolution 2023-05-24-002 approving Amendment #3 to the Agricultural Lease between the Authority and Chris Walker for the Authority's Water Treatment Plant property in Caldwell County.
- **Motion to adopt Resolution 2023-05-24-002 as written was made by Ms. Schmeits, seconded by Ms. Franke and approved on an 11-0 vote.**
- I.7 Discussion of legislative issues for the 88th Texas Legislature, and possible direction to Staff.
- **Scott Miller with The Schlueter Group attended the meeting and provided updates on the current legislative session along with Mr. Moore.**
 - **No Action.**

- I.4 Discussion and possible direction to Staff regarding the request by the Guadalupe-Blanco River Authority to expand the Authority's Water Treatment Plant Capacity.
- **Graham Moore, Marisa Vergara and Ryan Sowa went through the presentation and options in regards to the request by GBRA to expand their capacity in the Authority's Water Treatment Plant.**
 - **Staff noted that in June it will seek direction from the Board as to whether to pursue expansion of the plant.**
 - **The Board requested more information on the timing of the expansion and when critical milestones such as agreement completion, design, permitting and construction must be completed.**
 - **The Board requested a visual of where the ARWA Phase 2 plant would be in related to the GBRA parallel plant if Option 3 was ultimately selected.**
 - **The Board requested more information on specific items that could be constructed by ARWA in Option 2 that would make the ARWA expansion easier and possibly less costly in the future.**
 - **The Board also requested the full debt required for the project, inclusive of all soft costs (design, permitting, etc.).**
 - **Staff will return in June with more information in response to the questions asked by the Board.**
 - **No Action.**

- J. BOARD MEMBER ITEMS OR FUTURE AGENDA ITEMS
- **No discussion.**

K.1 The Board of Directors recessed into Executive Session at 4:09 p.m. pursuant of the Government Code, Section 551.071, to seek the General Counsel's advice regarding matters involving attorney-client privilege, Section 551.072 to discuss water supply project partnership options. The Board of Directors reconvened from Executive Session at 5:07 p.m.

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

Note: Item C.1 was re-opened after the Executive Session

- C.1 Oath of Office and swearing in of Directors
- **The Oath of Office was administered to Director Hughson.**

L. ADJOURNMENT

- **Meeting was adjourned at 5:09 p.m. based on the motion by Ms. Franke, seconded by Mr. Hjorth on a 12-0 vote.**

APPROVED: _____, 2023

ATTEST:

Chair, Board of Directors

Secretary, Board of Directors

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

Background/Information

The following items were discussed by the Committee at its 6/14 meeting:

- Received a construction update on the Phase 1B projects (Item H.1).
- Received an update on the Phase 1B program (Item H.4).
- Received a presentation on the updated Phase 1B projections (Item H.6).
- Received the Draft FY 2023-24 Authority budget (Item H.8).
- Recommended Board approval of the Water Projections Update Policy (Item H.9).
- Received an update on the 88th Texas Legislature (Item H.10).
- Received an update on area water meetings (Item G.2).

Board Decision(s) Needed:

- None.

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- F.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 met on June 13th – no issues directly affecting the Authority were discussed.

Plum Creek Conservation District (PCCD)

The PCCD met on June 20th – no issues directly affecting the Authority were discussed.

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.

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- G. 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

- Rate Consultant – Staff recommends that a rate consultant be hired to determine the Operations & Maintenance rates, both fixed and variable, to be charged when operation of the system begins. The effort is expected to be less than \$50,000 and therefore Staff is investigated the use of either the Informal RFP Purchasing process or the Cooperative Contract Purchases method.

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

Background/Information

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

Attachment(s)

- Phase 1B Construction Update – June 28, 2023



PHASE 1B CONSTRUCTION UPDATE

June 23, 2023

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	\$736,813.00	\$55,086,488.00	\$38,900,159.31	\$16,186,328.69	70.62%
BPS	\$19,759,331.00	\$87,158.88	\$19,846,489.88	\$14,053,924.03	\$5,792,565.85	70.81%
Seg A	\$49,471,384.71	(\$155,114.12)	\$49,316,270.59	\$44,637,828.17	\$4,678,442.42	90.51%
Seg B	\$37,629,104.42	\$4,268,704.74	\$41,897,809.16	\$33,321,195.24	\$8,576,613.92	79.53%
Seg D	\$46,663,969.35	\$0.00	\$46,663,969.35	\$12,526,271.38	\$34,137,697.97	26.84%
Seg E	\$27,277,770.46	\$0.00	\$27,277,770.46	\$774,000.00	\$26,503,770.46	2.84%
EST	\$4,573,000.00	\$0.00	\$4,573,000.00	\$996,349.30	\$3,576,650.70	21.79%

PROGRAM SCHEDULE DURATIONS

Current Date

	2021					2022					2023					2024														
	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov
WTP/RWI																														
BPS																														
Seg A																														
Seg B																														
Seg D																														
Seg E																														
EST																														
Seg C																														

Project	Contract Dates				Program Sub Completion Status (June 2023)
	Notice to Proceed	Original Sub Completion	Current Sub Completion	Final Completion	
WTP/RWI	7/16/2021	7/16/2023	9/3/2023	11/2/2023	Behind 63 days
BPS	10/25/2021	3/18/2023	3/18/2023	3/18/2024	On Time
Seg A	11/16/2021	6/9/2023	6/9/2023	10/7/2023	On Time
Seg B	2/15/2022	8/9/2023	9/17/2023	12/1/2023	On Time
Seg D	9/19/2022	4/1/2024	4/1/2024	5/31/2024	On Time
Seg E	1/25/2023	5/24/2024	5/24/2024	7/23/2024	On Time
EST	3/28/2023	5/21/2024	5/21/2024	6/20/2024	On Time

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

Construction Status

- Installation of the filter units process piping.
- Electrical duct bank and underground conduit installation.
- Continued the WTP site culverts installation.
- Continued the PEMB structural steel erection at the Filter Complex and HSPS Electrical building.
- Continue the installation of the 24" Rapid mix inlet piping and valves.
- Completed the HSPS sole plate installation.
- Continue HSPS electrical building retaining wall work.
- Began installation of the raw water well field fiber hand holes.
- Form and install reinforcing steel for the generator #1 and ATS pad grade beams.
- Punch items for the HSPS electrical building structural steel.
- Began installation of the HSPS electrical building exterior wall panels.
- Installed the HSPS pumps and associated piping.
- Installed the lime silos units.
- Continued structural excavation for the drying beds
- Continued painting at the filter complex process piping



WTP – Installing Stairs at Filter Complex for Elevated Walkway

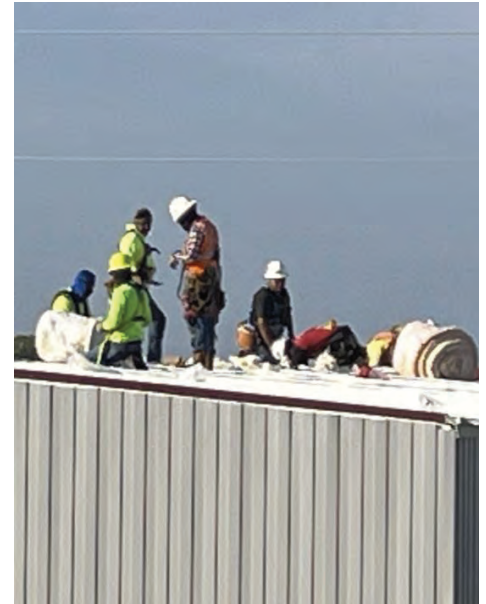
WTP/RWI - Progress Photos



WTP – Electrical Building Roof Sheetting



WTP – Electrical Building Installing Roof Sheetting



WTP – Electrical Building Installing Ridge Cap Roof Sheetting

5

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

Next Month - Projected Construction Activities

- Continue the Installation of the filter units process piping.
- Electrical duct bank and underground conduit installation.
- Form and install reinforcing steel for the generator #1 and ATS SOG.
- Continue painting of the filter complex process piping.
- Touch up painting of the Filter Complex PEMB structural steel.
- Continue the WTP site culverts installation.
- Continue the PEMB structural steel and exterior wall erection at the Filter Complex building.
- FRP Plant Water bladder tank and compressor building foundation earthwork.
- Backfill around Rapid Mix and retaining wall.
- Continue installation of the raw water well field fiber hand holes.
- Continue site excavation for the sludge drying beds.
- Continue installation of the HSPS electrical building exterior wall panels.
- Begin structural steel walkway supports (delayed from previous period due to additional pipe support issues).
- Install Lime System control building



WTP – Stairs installed at Filter Complex

Booster Pump Station (MWH / Freese and Nichols)

Construction Status

- Removed the formwork from the pump station slab.
- Continued site grading for the concrete drive around the pump station.
- Began installation of the limestone base installation for the concrete drive.
- Continued backfill and site grading around the GST.
- Continued installation of Seg C near the connection point to Seg C contract.
- Leak tested the GST with water from the San Marcos WTP.
- Continued installation of the cable tray inside the electrical building.
- Grouted pipe support bases at the pump station.
- Placed sidewalk around electrical building.
- Began installing the clay cap around the GST.
- Continued electrical at the electrical building.
- Installed the overhead door, wall mounted HVAC unit



BPS – Cable Tray Install Inside Electrical Building

BPS- Progress Photos



BPS – Subgrade Work for Concrete Paving



BPS – Testing Density on Paving Subgrade



BPS – Road Paving Steel Reinforcement

Booster Pump Station (MWH / Freese and Nichols)

Next Month - Projected Construction Activities

- Continue site grading and base installation for the concrete drive around the pump station.
- Begin installation of the concrete drive reinforcing steel.
- Continue site grading along the Seg B, C and D waterlines.
- Continued installation of Seg C near the connection point to Seg B contract.
- Continue filling the GST with water from the San Marcos WTP.
- Electrical ductbank installation to site lighting and entry gate.

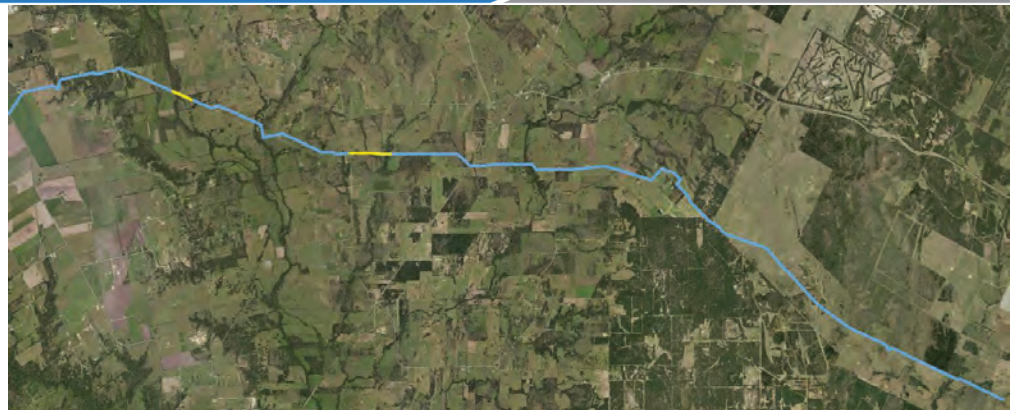


BPS – Hangers & Supports for Electrical Building

Segment A (Garney Construction / LAN)

Construction Status

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



Activity	Status
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed	100%(15 of 15)
Pipe Installed	94%
Major Crossing (Plum Creek)	Begin tunneling operations

Segment A – Progress Photos



Seg A – Garney Builds Forms at STA. 477+48.82



Seg A – Place Flow Fill for Valve Vault at STA. 477+48.82



Seg A - Concrete around Valve for Manway

Segment A (Garney Construction / LAN)

Next Month - Projected Construction Activities

- Pipe Installation
 - Finish stripping, trenching, and pipe installation operations with pipe laying Crew 1, between FM 86 and Fox Lane.
 - Pipe laying crew is loading carrier pipe in tunnels, pouring CLSM at ends of tunnels, pouring 3000 psi concrete anchors as they lay past appurtenance locations, installing test stations for cathodic protection, and stacking out precast at appurtenance locations after concrete cures.
- Major Crossing Completed 0% (0 of 1)
 - Dewater the receiving shaft at Plum Creek.
 - Finish mobilization and setup of equipment to start microtunneling operations.
- Perform maintenance on all county roads and private roads being used for construction operations.
- Continue haul-off excess native material and rough grading.



Seg A – Melcar Welds Supports to Ring Beams

Segment B (Garney Construction / K Friese)

Construction Status

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



Activity	Status
ROW Cleared	100%
Pipe Delivered	100%
Tunnels Completed B1	100% (21 of 21)
Tunnels Completed B2	75% (3 of 4)
Pipe Installed	63%
Major Crossing (TX 130)	100%

SEGMENT B - PROGRESS PHOTOS



Seg B – Installing Pipe Spacers on Pipe



Seg B – STA. 377+08 Gate Valve Assembly



Seg B – Bolting Gate Valve to Pipe

Segment B (Garney Construction / K Friese)

Next Month - Projected Construction Activities

- Pipe Installation
 - Continue installation of pipe on B1
 - Hauling off excess spoils from project site and spreading topsoil
 - Continue pouring concrete anchors for precast at CAV and Drain Valves
 - Setting precast structures for appurtenances behind laying operation
- Major Crossings
 - 100% Completed on Seg B, need SH 130 Tunnel
 - Push carrier pipe through SH130 casing
- Tunnels
 - Installed tunnels to bring total to 21 of 21 (100%)
 - Hold on CP002 scope of tunnel installations for segment B2 during installation of SH130 tunnel; current total is 3 of 4 (75%) completed on CP002 scope of work added to segment B contract
- Continue pouring concrete anchors for precast at CAV, access manways, and drain valves.
- Set precast at CAV, access manways, and drain valve locations.



Segment B – SH130 Shaft

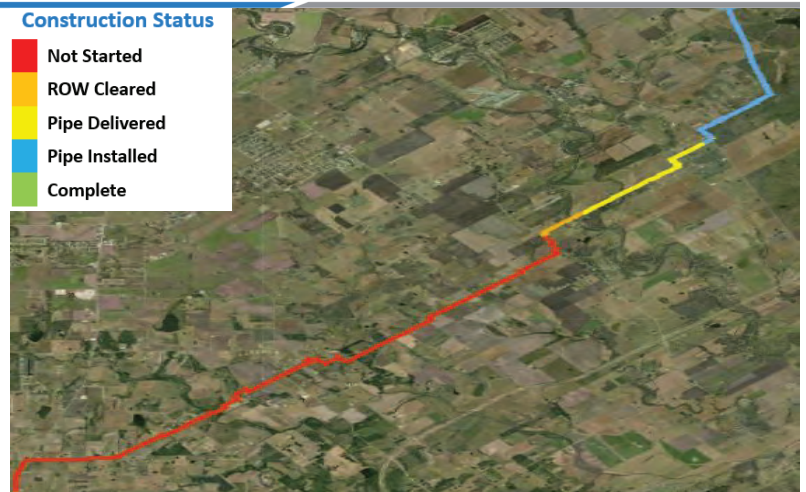
Segment D (SJ Louis / Freese & Nichols)

Construction Activities

- Process documentation: Submittals and RFI in SharePoint.
- Continued SWPPP installations on both sides of San Marcos River in front of pipe stringing operations.
- Continued temporary fence gaps for access and cattle fencing along easements.
- Prepping ROW by installing culverts on Giberson Property and leveling out easements for access with pipe truck.
- Continued pipe laying operations between HWY 80 SE River Road.
- Welding operations are staying close behind laying operation and being completed in restrained sections on a weekly basis.
- Finished tunnel installations at FM 621 and started tunneling operations at Martindale Diversion.

Construction Status

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



Activity	Status
ROW Cleared	40%
Pipe Delivered	34%
Tunnels Completed	17%(3 of 18)
Pipe Installed	21%
Major Crossing (San Marcos River Crossing)	0%

Segment D – Progress Photos



Seg D – Pipe Deliveries



Seg D – Pipe Coating Repair



Seg D – Pipe Placement

17

Segment D (SJ Louis / Freese & Nichols)

Next Month - Projected Construction Activities

- Processing documentation in SharePoint.
- Installation of temporary fence gaps for access and cattle fencing along easements.
- SWPPP installation on south side of San Marcos River.
- Continue pipe deliveries South of SE River Road.
- Continue pipe installation between HWY 80 and SE River Road.
- Conduct next bi-weekly progress meeting.



Seg D – Embedment Backfill

18

Segment E (Garney / Walker Partners)

Construction Activities

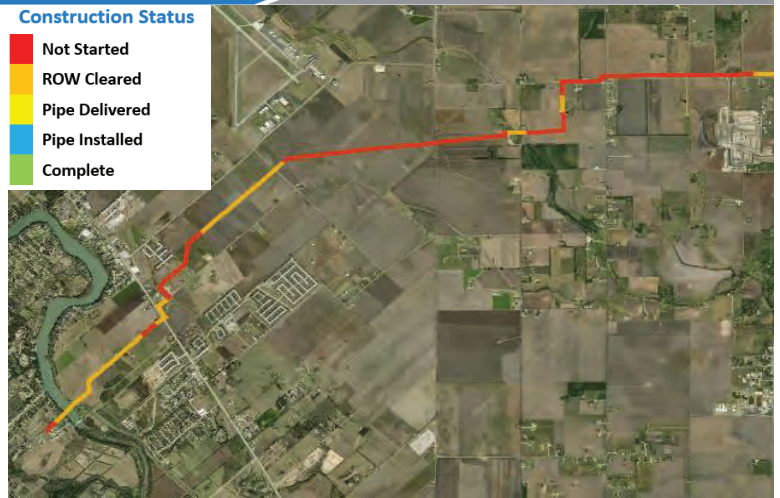
- Process documentation: Submittals and RFI in SharePoint.
- Coordination with developments along 758 and 46.
- UIR permits have initiated inspections.
- Conducted bi-weekly progress meeting.
- Continued surveying layout
- Installation of temp gates for access continued by Razor.
- Meeting conducted with Mr. Boening for easement boundaries between FM 758 and Barbarossa Road

Next Month - Projected Activities

- Processing documentation in SharePoint.
- Conduct bi-weekly progress meeting
- Continue staking easement limits and gathering as-built information on existing tie-in locations.
- Bird survey coordination and start clearing operations.
- Continue installation of temporary entrances

Construction Status

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



Activity	Status
ROW Cleared	35%
Pipe Delivered	0%
Tunnels Completed	0%(0 of 0)
Pipe Installed	0%
Major Crossing (San Marcos River Crossing)	0%

Segment E – Progress Photos



Seg E – Clearing Grubbing of Brush & Trees



Seg E – Installing Stakes for Silt Fence



Seg E – Installed Tree Protection

Elevated Storage Tanks Landmark / Plummer

Construction Activities

- Completed excavation and pouring of 15 piers.
- Continued processing project documentation in Autodesk.
- Construction road around site completed.

Next Month - Projected Activities

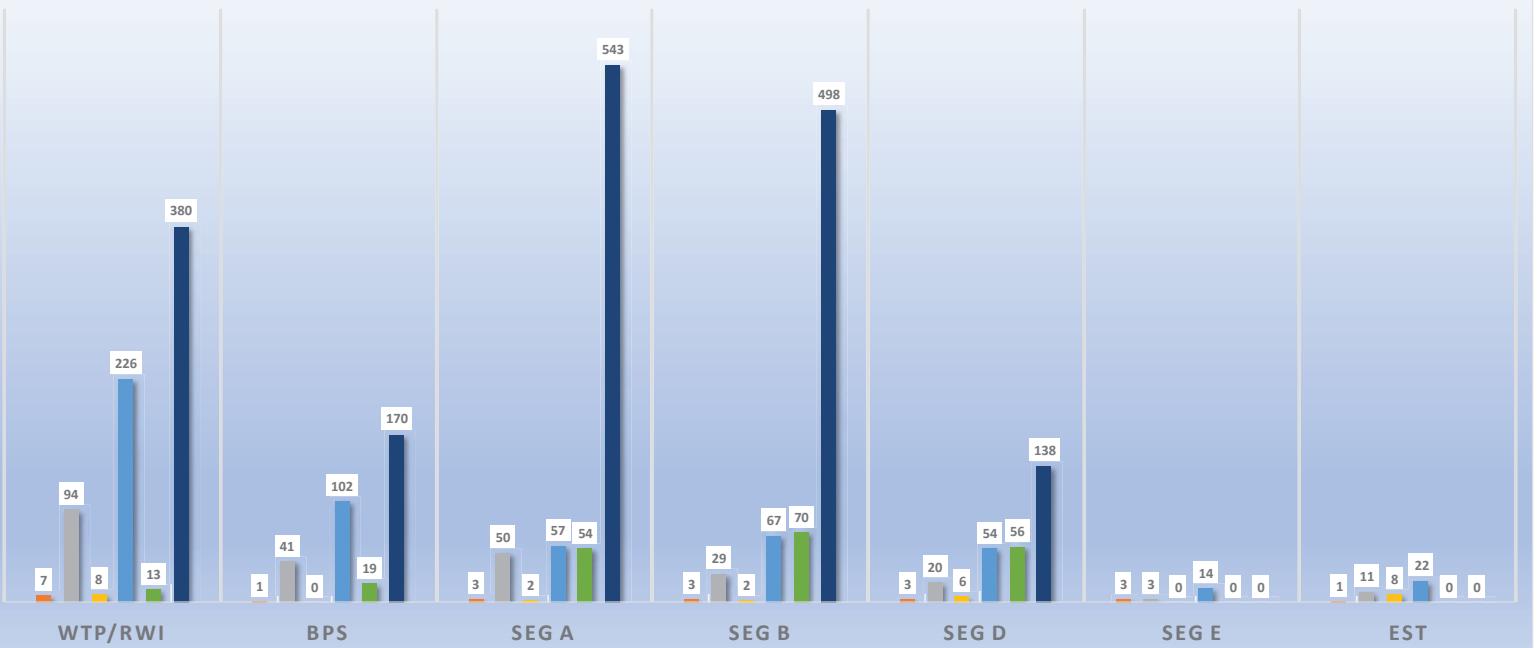
- Concrete pour for pile caps and foundation.
- Foundation completion is projected for June 14th.



EST - Excavating Piers for Cap Placement

PROGRAM OVERSIGHT RECAP

RFIs This Period RFIs To Date Submittals This Period Submittals To Date Test Reports This Period Test Reports To Date



QUESTIONS?

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

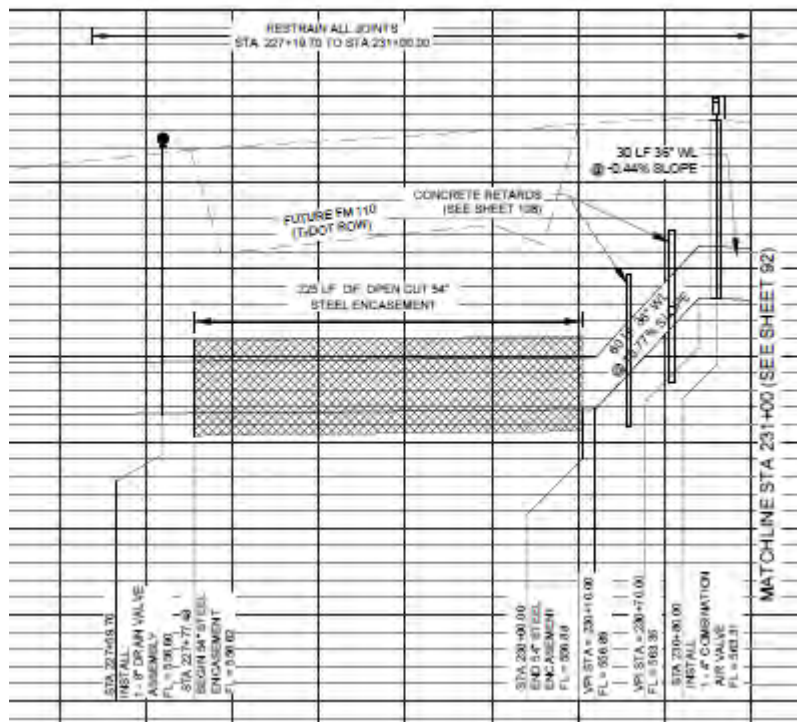
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

- H.2** Consider adoption of Resolution 2023-06-28-001 approving Change Order #3 with Garney Companies, Inc. for Installation of Open-Cut Casing under FM-110 on the Authority's Phase 1B Segment B Pipeline Project. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The Authority entered into a construction contract with Garney Companies, Inc. (Garney) in January 2022 for the construction of the Segment B Pipeline Project. Part of the design included open-cut installation of steel encasement pipe under the future FM-110 project between Maxwell and San Marcos.

By the time the Segment B Project commenced, TxDOT was already prepared to place and compact the road base for the FM-110 roadway in the area where the Segment B project is located. The final design for the FM-110 roadway did not include a depressed section in the area of the pipeline, instead it is closer to existing grade. Below is a cross-section of the pipeline in the area where it crossed FM-110.



Staff, the Construction Management Team and Garney all worked closely with TxDOT to get the casing pipe installed via open cut. TxDOT required flowable fill to be placed around the pipe and up to the bottom of the roadway base. Due to the roadway no longer

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.
 San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

being depressed in this area, there was more flowable fill required than originally anticipated. All parties have worked to quantify the cost of the crossing and have determined a value of \$140,265.99 as the reasonable amount due, \$15,709.79 for GBRA and \$124,556.20 for ARWA. Attached is breakdown of the change order.

Two previous change orders have been approved on this project, as noted below:

Segment B Pipeline Change Orders				
	Total	ARWA Share	GBRA Share	Notes
Original Contract	\$37,629,104.42	\$26,927,977.41	\$10,701,127.01	
CO #1 (Add Portions of B, C and D to B)	\$4,268,704.74	\$3,712,589.70	\$556,115.04	Board Approved
CO #2 (Field Orders #2 & #3)	\$8,320.37	\$5,954.06	\$2,366.31	Executive Director Approved
Total Adjusted Contract	\$41,906,129.53	\$30,646,521.17	\$11,259,608.36	

The other alternative was to install the casing via a trenchless technique such as hand mining, which would have cost more money.

Attachment(s)

- Resolution 2023-05-28-001
- Change Proposal for FM 110 Crossing

Board Decision(s) Needed:

- Adoption of Resolution 2023-06-28-001 approving Change Order #3 to the Phase 1B Segment B Construction Project with Garney Companies, Inc. for Installation of Open-Cut Casing under FM-110 Roadway.



ALLIANCE WATER

RESOLUTION NO. 20230628-001

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING CHANGE ORDER #3 BETWEEN THE AUTHORITY AND GARNEY COMPANIES, INC. FOR CASING INSTALLATION ACROSS FM-110 ASSOCIATED WITH THE SEGMENT B PIPELINE PROJECT AND RELATED MATTERS, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. Alliance Regional Water Authority (the "Authority") entered into a construction contract with Garney Companies, Inc. for construction of the Phase 1B Segment B Pipeline Project in January 2022.
2. Change Order #3 approves the addition of controlled low-strength material over the pipe casing under the TxDOT FM-110 roadway on the Segment B Pipeline Project.
3. The scope of services and fee for the change order was negotiated by the Executive Director and the Owner's Representative on behalf of the Authority.

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

SECTION 1. The attached change order for the Trenchless Crossing of the FM-110 roadway on the Segment B Pipeline Project between the Authority and Garney Companies, Inc. is approved with a total amount of \$140,265.99.

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

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

ADOPTED: June 28, 2023.

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

Project: <u>ARWA Phase 1B Treated Water Pipeline Segment B</u>	Project Number:
Owner: <u>Alliance Regional Water Authority</u>	ARWA1B- SB
Contractor: <u>Garney Construction</u>	
Engineer: <u>K. Friese and Associates</u>	

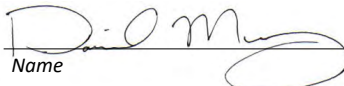

Change Order No.: 03 **Effective Date of the Contract:** 02/15/2022

Make the following modifications to the Contract Documents:
 Incorporating scope of work and costs for ARWA1BSB CP0001B FM 110 Open-Cut Casing that has a negotiated \$40,000 credit off of the total proposed price of \$180,265.99

Original Contract Price *This Change Order modifies the Contract Documents. Should this amendment include any change in compensation, the compensation in this Contract Amendment is the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Modification. The changes in Contract Times are the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor is entitled. Except as modified hereby, the Contract Documents and all of the terms and provisions thereof remain in full force and effect.*

a. Original Contract Amount	\$37,629,104.42
b. Previously Approved Change Order Amounts	\$4,277,025.11
c. Adjusted Contract Price (a + b)	\$41,906,129.53
d. Change Order Amount	\$140,265.99
e. Revised Contract Price (c + d)	\$42,046,395.52
f. Percent Change to Date	11.74 %
g. Change in Days this Change Order	0 days

	Original	Previous	Current
Substantial Completion	h. 08/09/23	i. 09/17/23	j. 09/19/23
Final Completion	k. 10/08/23	l. 12/01/23	m. 12/03/23

<p>Recommended by: Engineer</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  _____ <small>Name</small> </div> <div style="text-align: center;"> <u>06/21/2023</u> _____ <small>Date</small> </div> </div> <p>Approved by: Garney Construction</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> _____ <small>Name</small> </div> <div style="text-align: center;"> <u>21 JUN 23</u> _____ <small>Date</small> </div> </div>	<p>Recommended by: Construction Manager</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  _____ <small>Name</small> </div> <div style="text-align: center;"> <u>6/21/23</u> _____ <small>Date</small> </div> </div> <p>Approved by: Alliance Regional Water Authority</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> _____ <small>Name</small> </div> <div style="text-align: center;"> _____ <small>Date</small> </div> </div>
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ADVANCING WATER

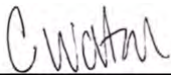
Change Order Request

PROJECT:	ARWA Phase 1B Segment B	PROJECT NUMBER
PROGRAM MANAGER	Pape-Dawson	
ENGINEER:	K. Friese + Associates	
CONTRACTOR:	Garney Construction	7374

SUMMARY OF CHANGE ORDER REQUEST VALUES FROM ATTACHED TABULATIONS

		Requested Additional Calendar Days:	0
COR #	Engineering Directive #	Description	Extended Cost
COR 001		FM 110 Open-Cut Crossing	\$ 140,265.99
TOTAL:			\$ 140,265.99

Contractor: Garney Construction
 Date: June 13, 2023

By: 
 Corbin Watson

By: _____
 Date

Approved for Payment by
 Pape-Dawson

By: _____
 Date

Approved for Payment by
 Alliance Regional Water Authority



ARWA PHASE 1B SEGMENT B
Change Order Request Breakdown Detail

Date: 6/13/2023
 Change Order Request #: CO - 01
 Revision #: A

COR Description: FM 110 Open-Cut Casing

LABOR									
Resource Description	Base Rate	Total Corp. Indirect	Direct Jobsite	Total Regular Time	Total Over Time	Total Regular Time	Total Over Time	EXTENDED COST	
	Inc. Incent.	Fringes	Fringes	Costs	Costs	Hours	Hours		
Sr. Project Manager	\$84.13	\$	\$ 55.35	\$ 36.19	\$ 175.67		0.00	\$	-
Project Manager	\$60.10	\$	\$ 41.01	\$ 31.26	\$ 132.36		0.00	\$	-
Asst Project Manager (Sr. PE)	\$33.22	\$	\$ 28.17	\$ 23.66	\$ 85.05		0.00	\$	-
Project Engineer	\$33.65	\$	\$ 23.23	\$ 23.34	\$ 82.23		0.00	\$	-
Field Engineer	\$33.65	\$	\$ 25.17	\$ 23.34	\$ 82.17		104.00	\$	8,545.41
Safety Manager	\$48.08	\$	\$ 33.78	\$ 28.80	\$ 110.65		0.00	\$	-
Estimator	\$38.46	\$	\$ 28.04	\$ 7.88	\$ 74.39		0.00	\$	-
Superintendent	\$51.41	\$	\$ 29.65	\$ 27.37	\$ 108.43		0.00	\$	-
Assist. Superintendent	\$40.87	\$	\$ 29.51	\$ 27.32	\$ 87.69		0.00	\$	-
Foreman (Job Foreman)	\$35.94	\$	\$ 25.34	\$ 21.09	\$ 82.37	123.56	150.50	\$	12,396.72
Equipment Operator	\$35.94	\$	\$ 19.23	\$ 9.48	\$ 64.65	96.97	67.00	\$	4,331.28
Equipment Operator	\$35.94	\$	\$ 19.23	\$ 9.48	\$ 64.65	96.97	129.00	\$	8,339.34
Equipment Operator (Lead Hoe)	\$35.94	\$	\$ 19.23	\$ 9.48	\$ 64.65	96.97	36.50	\$	2,359.38
Pipe Layer	\$35.94	\$	\$ 17.07	\$ 8.73	\$ 51.74	92.60	104.00	\$	6,420.61
Laborer	\$35.94	\$	\$ 16.27	\$ 8.46	\$ 41.10	61.66	140.50	\$	5,775.13
Laborer	\$35.94	\$	\$ 16.77	\$ 8.63	\$ 41.34	92.02	36.00	\$	2,208.38
Laborer	\$35.94	\$	\$ 16.77	\$ 8.63	\$ 41.34	92.02	36.00	\$	2,208.38
Laborer	\$35.94	\$	\$ 16.77	\$ 8.63	\$ 41.34	92.02	0.00	\$	-
TOTALS								\$	52,584.82

EQUIPMENT											
To correctly quantify the cost of equipment on the time and materials works, you must determine the duration of the extra work (Hours, Days, Weeks or Months). Then enter the appropriate quantity in its associated column. Enter the actual Operating Hours the equipment was utilized during the works. The sum of the time of the equipment is on site plus the actual utilization time will net in the total cost per equipment. (RATES FROM RENTAL RATE BLUE BOOK FOR CONSTRUCTION EQUIPMENT)											
Equipment	Hourly Rate	Daily Rate	Weekly Rate	Monthly Rate	Operating Cost/Hr	Hours On Site	Days On Site	Weeks On Site	Months On Site	Operating Hours	EXTENDED COST
KOM 650 Excavator	\$ 240.00	\$ 1,580.00	\$ 6,320.00	\$ 22,570.00	\$ 119.60	0.00	0.00	0.00	0.00	0.00	\$ -
CAT 349 Excavator	\$ 230.00	\$ 1,535.00	\$ 6,140.00	\$ 21,920.00	\$ 117.31	0.00	0.00	0.00	0.00	0.00	\$ 10,832.40
CAT 330 Excavator	\$ 165.00	\$ 1,110.00	\$ 4,440.00	\$ 15,960.00	\$ 83.46	0.00	0.00	0.00	0.00	0.00	\$ -
CAT 330 Excavator	\$ 140.00	\$ 920.00	\$ 3,685.00	\$ 13,150.00	\$ 62.19	0.00	0.00	0.00	0.00	0.00	\$ -
CAT 330 Excavator	\$ 140.00	\$ 920.00	\$ 3,685.00	\$ 13,150.00	\$ 62.19	0.00	0.00	1.00	0.00	40.00	\$ 6,172.60
DEERE 644 Loader	\$ 80.00	\$ 530.00	\$ 2,110.00	\$ 7,535.00	\$ 39.48	0.00	0.00	2.00	0.00	80.00	\$ 7,378.40
DEERE 624 Loader	\$ 68.00	\$ 455.00	\$ 1,815.00	\$ 6,485.00	\$ 35.92	0.00	0.00	0.00	0.00	0.00	\$ -
CAT D6 Dozer	\$ 205.00	\$ 1,355.00	\$ 5,425.00	\$ 19,375.00	\$ 100.25	0.00	0.00	0.00	0.00	0.00	\$ -
CAT D6 Dozer	\$ 125.00	\$ 840.00	\$ 3,365.00	\$ 12,020.00	\$ 65.15	0.00	0.00	0.00	0.00	0.00	\$ -
CAT D4 Dozer	\$ 60.00	\$ 400.00	\$ 1,595.00	\$ 5,705.00	\$ 29.90	0.00	0.00	0.00	0.00	0.00	\$ -
DEERE 420 Backhoe	\$ 48.00	\$ 320.00	\$ 1,285.00	\$ 4,585.00	\$ 23.91	0.00	0.00	0.00	0.00	0.00	\$ -
Sheepsfoot Compactor	\$ 48.00	\$ 320.00	\$ 1,285.00	\$ 4,590.00	\$ 19.40	0.00	0.00	2.00	0.00	0.00	\$ 2,570.00
Pickup Truck	\$ 10.00	\$ 64.00	\$ 255.00	\$ 910.00	\$ 8.81	0.00	0.00	0.00	0.00	0.00	\$ -
Trench Box	\$ -	\$ 370.00	\$ 1,100.00	\$ 3,000.00	\$ -	0.00	0.00	2.00	0.00	0.00	\$ 2,200.00
8" Gas Pump	\$ 48.00	\$ 320.00	\$ 1,285.00	\$ 4,590.00	\$ 18.50	0.00	0.00	0.00	0.00	0.00	\$ -
TOTALS											\$ 29,153.40

MATERIALS						
Materials	REFERENCE	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Flowable Fill Encasement	MK1	Flowable Fill Encasement	627.2	Cubic Yards	\$ 127.50	\$ 79,968.00
Bedding Credit	Anderson Columbia	Mod 5 Bedding	258.70	Tons	\$ (20.50)	\$ (5,303.39)
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
TOTALS						\$ 74,664.61

SERVICES						
Subcontractor	REFERENCE	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Mobilization of CAT 349F	CH Van Gundy	Lowboy from Seguin, TX to San Marcos, TX	1	Each	\$ 2,240.00	\$ 2,240.00
Mobilization of CAT 330F	CH Van Gundy	Lowboy from Seguin, TX to San Marcos, TX	1	Each	\$ 1,450.00	\$ 1,450.00
Mobilization of John Deere 644L	CH Van Gundy	Lowboy from Delshire, TX to San Marcos, TX	1	Each	\$ 775.00	\$ 775.00
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
TOTALS						\$ 4,465.00

SUMMARY		TOTALS
Direct Cost of Labor	\$	52,584.82
Direct Cost of Equipment	\$	29,153.40
Direct Cost of Materials	\$	74,664.61
Cost of Subcontractor	\$	4,465.00
Contractors Fee	\$	15,863.53
Subtotal:	\$	176,731.36
Deduct from: Additional Bid Items in Contract:		
Direct Cost of Bond Premium	\$	3,534.63
TOTAL COST	\$	180,265.99

Segment B							
Name:	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun		Total Hrs.
Operator	Edgar Morado	10	11.5	11	11	11	54.5
Pipelayer	Carlos Soto Puentes		11	11	11	11	44
Operator	Emmanuel Diaz			11	11	11.5	33.5
Laborer	Isiah Diaz			11	11	11.5	33.5
Foreman	Gerardo Flores	10	11.5	11	11	11	54.5
Field Engineer	Chris Solis	8	8	8	8	8	40

Description				
13-Jun	14-Jun	15-Jun	16-Jun	17-Jun
Prepped for 110 Casing delivery and Flowable Fill Delivery	Dug out 100' of trench for 54" casing. Received and staged 54" Casing	Installed 100' of 54" Casing. Prepped for Flowable Fill Delivery	Poured 43.78 Yards of Regular Flowable Fill	Poured 69.41 Yards of Regular Flowable Fill

Segment B							
Name:	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun		Total Hrs.
Operator	Edgar Morado	12.5					12.5
Pipelayer	Carlos Soto Puentes	12	12	12	12	12	60
Operator	Emmanuel Diaz	12	12	12	12	12	60
Laborer	Isiah Diaz	12	12	12	12	12	60
Foreman	Gerardo Flores	12	12	12	12	12	60
Field Engineer	Chris Solis	8	8	8	8	8	40

Description				
20-Jun	21-Jun	22-Jun	23-Jun	24-Jun
Dug out 100' trench for open cut casing.	Installed 100' 54" Casing	Set Second Section of Casing. Began welding on second Section	Poured 47.12 yards of Regular Flowable Fill	Poured 105.17 yards of Regular Flowable Fill

Segment B							
Name:	27-Jun	28-Jun	29-Jun	30-Jun	1-Jul		Total Hrs.
Operator	Emmanuel Diaz	12.5	12.5		10.5		35.5
Laborer	Isiah Diaz	11.5	12.5		12.5		47
Field Engineer	Chris Solis	8	8		8		24

Description			
27-Jun	28-Jun	29-Jun	30-Jun
Poured 80.67 Yards of Regular Flowable Fill	Pumped water out of Trench	No Activity	FM 110 Clean Up and Fence Off

Segment B							
Name:	1-Aug	2-Aug	3-Aug	4-Aug	5-Aug		Total Hrs.
Foreman	Junior Villarreal			12	12	12	36
Operator	Justin Meyers			12	12	12.5	36.5
Laborer	Cole Aven			12	12	12	36
Laborer	Jose Rojas			12	12	12	36
Operator	Rito Mata			12	12	12	36

Description				
1-Aug	2-Aug	3-Aug	4-Aug	5-Aug
No Activity	No Activity	Poured 59.12 Yards of Regular Flowable Fill	Poured 125.42 Yards of Regular Flowable Fill	Poured 76.63 Yards of Regular Flowable Fill

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

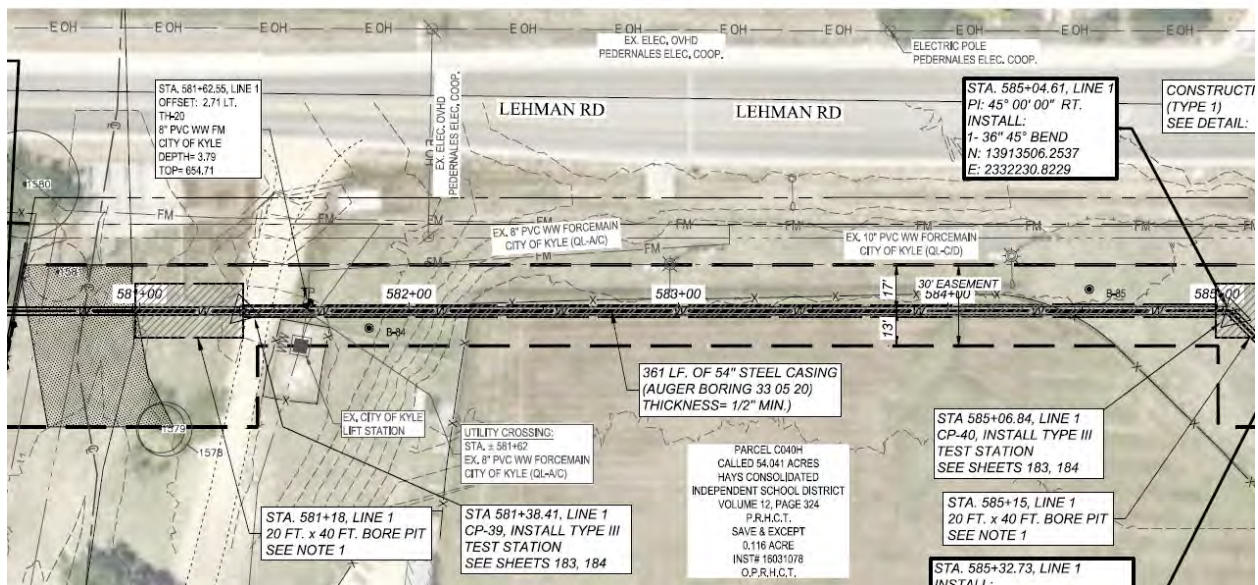
Wednesday, June 28, 2023 at 3:00 P.M.

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

- H.3** Consider adoption of Resolution 2023-06-28-002 approving Change Order #4 with Garney Companies, Inc. on the Authority's Phase 1B Segment A Pipeline Project for Trenchless Installation of Casing under the Lehman High School Baseball Fields associated with the Authority's Segment C Pipeline Project. ~ *Graham Moore, P.E., Executive Director*

Background/Information

The Authority intends to finalize design and bid out the Segment C Pipeline construction project by the end of 2023. A portion of the pipeline crosses under the baseball field at Lehman High School in Kyle. The Hays Consolidated Independent School District approached the Authority and requested that the construction under the baseball field be completed by early November 2023 as they have a project to replace the grass fields with a synthetic turf. The synthetic turf has very low tolerance for changes in grade, thus the preference for the pipeline construction to finish prior to the turf installation. Below is an exhibit showing the extent of the 361-foot bore.



The Construction Management Team approached the two active pipeline contractors on the program to request proposals for the work. Garney Companies total cost of \$413,949.91 was slightly lower than the cost provided by SJ Louis. This cost is inline with the cost estimate for tunneling work provided by the engineer and will be paid only by ARWA as GBRA is not participating in this segment of the project.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.
 San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

Given the urgency of the project, Staff recommends that a change order with Garney Companies be approved and that the work be added to the Segment A contract as that project is scheduled to finish prior to the Segment B project.

Three previous change orders have been approved on this project, as noted below:

Segment A Pipeline Change Orders				
	Total	ARWA Share	GBRA Share	Notes
Original Contract	\$49,471,384.71	\$2,1248,554.11	\$28,222,830.60	
CO #1 (Value Engineering)	\$(23,604.00)	\$(10,324.39)	\$(13,279.61)	Executive Director Approved
CO #2 (CP03A & CP05)	\$(169,134.12)	\$(114,569.04)	\$(54,565.08)	Executive Director Approved
CO #3 (Lengthen PC Tunnel)	\$200,000.00	\$84,600.00	\$115,400.00	Executive Director Approved
Total Adjusted Contract	\$49,478,646.59	\$21,208,260.68	\$28,270,385.91	

Attachment(s)

- Resolution 2023-05-28-002
- Change Proposal for Lehman HS Baseball Field Crossing

Board Decision(s) Needed:

- Adoption of Resolution 2023-06-28-002 approving Change Order #4 to the Phase 1B Segment A Construction Project with Garney Companies, Inc. for Installation of Casing Pipe via Trenchless Methods under the Lehman High School Baseball Field.



ALLIANCE WATER

RESOLUTION NO. 20230628-002

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING CHANGE ORDER #4 BETWEEN THE AUTHORITY AND GARNEY COMPANIES, INC. FOR CASING INSTALLATION UNDER THE LEHMAN HIGH SCHOOL BASEBALL FIELD ASSOCIATED WITH THE SEGMENT A PIPELINE PROJECT AND RELATED MATTERS, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. Alliance Regional Water Authority (the "Authority") intends to construct its Segment C Project (the "Project") to deliver water to Kyle, San Marcos, County Line SUD and Buda starting in late 2023.
2. Part of the Project goes under the Lehman High School Baseball Field. The school district has requested that the casing pipe under the field be installed by this Fall so that they can proceed with a turf replacement project.
3. The Authority requested proposals from the two contractors actively working on the Authority's Program, Garney Companies and SJ Louis. Garney Companies, Inc. had the lower cost proposal of the two companies.
4. Alliance Regional Water Authority (the "Authority") entered into a construction contract with Garney Companies, Inc. for construction of the Phase 1B Segment A Pipeline Project in October 2021.
5. Change Order #4 approves the trenchless installation of casing under the Lehman High School Baseball Field.
3. The scope of services and fee for the change order was negotiated by the Executive Director and the Owner's Representative on behalf of the Authority.

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

SECTION 1. The attached change order for the Trenchless Crossing of the Lehman High School Baseball Field associated with the Segment C Project is approved as a change order to the Segment A Project between the Authority and Garney Companies, Inc. with a total amount of \$413,949.91.

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

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

Resolution 20230628-002
Garney Companies Change Order #4 to Segment A

ADOPTED: June 28, 2023.

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

From: Daniel Murray <dmurray@garney.com>
Sent: Saturday, June 24, 2023 2:01 PM
To: Ryan Moloney @PD <RMoloney@pape-dawson.com>
Cc: Corbin Watson <cwatson@garney.com>; Jeremy Bradley <jbradley@garney.com>
Subject: RE: [EXTERNAL] ARWAP1BSC 54in Casing Installation - Baseball Field

Ryan,

Please see below pricing for the 54-inch Liner Plate installation for Segment C – Baseball field crossing.

Trenchless: \$413,949.91 (Mob Mid-Summer)

Let me know if you have any questions.

Thanks,

Daniel Murray

Employee-Owner Since 2014

GARNEY CONSTRUCTION *Advancing Water*

CELL: [505.716.1941](tel:505.716.1941) FAX: [816.278.5955](tel:816.278.5955)

ADDRESS: 9901 SH-142 Maxwell, TX 78656 GARNEY.COM

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

- H.4** 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 – June 28, 2023
- Kimley-Horn Monthly Summary of Activities for May 2023

Board Decision(s) Needed:

- None.



Phase 1B Program Update

Board of Directors Meeting
June 28, 2023

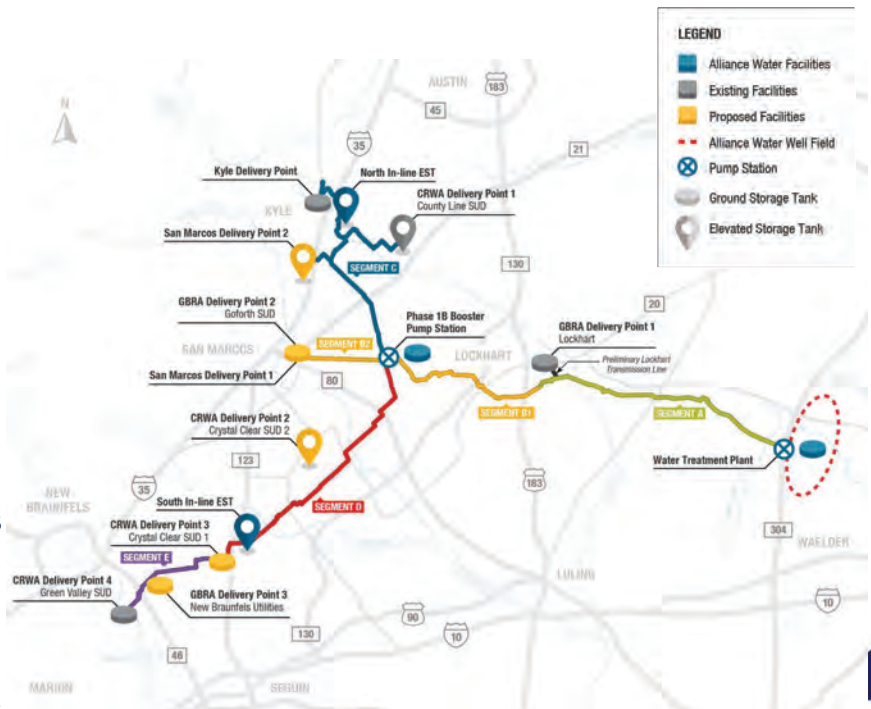


ALLIANCE WATER

PRESENTED BY **Kimley»Horn**
Expect More. Experience Better.

Ongoing Progress

- ▶ Design Milestone Status
 - Segment C
 - 100% Submittal – August
- ▶ TWDB Reviews
 - Segment E
 - Plans and Specs – Under Review
 - Construction – Release of Funds Request – Under Review
 - South Inline EST
 - Plans and Specs – Routed for Approval
 - Construction – Release of Funds Request – Under Development



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	5
B	47	0	0	0	0	0	47	15
D	60	0	0	0	0	0	60	15
C	76	3	8	11	2	13	63	37
E	36	0	0	0	0	0	36	13
Well Field	16	0	4	4	0	4	12	4
Total	274					17	257	89



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: 068706606-0523
 Invoice Date: May 31, 2023
 Invoice Amount: \$ 118,184.03
 Project No: 068706606
 Project Name: ARWA PROGRAM YEAR 6
 Project Manager: SOWA, RYAN

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

Invoice Duration: May 1, 2022 to May 31, 2022

COST PLUS MAX

KHA Ref # 068706606.3-25106948

Description	Contract Value	Amount Billed to Date	Previous Amount Billed	Current Amount Due
PROGRAM MANAGEMENT PLAN UPDATES	5,455.00	400.00	300.00	100.00
STAKEHOLDER COORDINATION	160,793.00	24,743.81	14,476.31	10,267.50
BUDGETING	91,252.00	13,066.00	12,196.00	870.00
SCHEDULE	32,002.00	4,014.00	2,564.00	1,450.00
REPORTING	36,930.00	20,265.00	11,057.50	9,207.50
DATA MANAGEMENT	71,102.00	5,998.25	3,905.75	2,092.50
ENVIRONMENTAL MANAGEMENT	31,866.00	8,906.75	5,894.25	3,012.50
LAND ACQUISITION MANAGEMENT	294,091.00	112,412.57	77,781.36	34,631.21
TWDB MANAGEMENT	67,256.00	7,032.75	2,591.75	4,441.00
DESIGN STANDARDS	12,036.00	740.00	740.00	0.00
ENGINEERING DESIGN MANAGEMENT	77,716.00	23,372.50	12,865.00	10,507.50
QUALITY ASSURANCE	3,630.00	0.00	0.00	0.00
ELECTRICAL POWER PLANNING	7,325.00	290.00	0.00	290.00
PERMIT COORDINATION/TRACKING	19,702.00	3,675.00	2,065.00	1,610.00
PROCUREMENT AND CONSTRUCTION PHASE SERVICES	285,132.00	36,044.50	21,677.50	14,367.00
PROJECT ADMINISTRATION	17,888.00	10,346.50	8,701.00	1,645.50
OTHER SERVICES	141,826.00	14,500.75	5,178.75	9,322.00
ENVIRONMENTAL CONSTRUCTION PHASE SERVICES	266,369.00	17,416.19	3,046.37	14,369.82
Subtotal	1,622,371.00	303,224.57	185,040.54	118,184.03
Total COST PLUS MAX				118,184.03

Total Invoice: \$ 118,184.03

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

June 19, 2023

Project Monthly Summary

May 2023 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
 - *Coordinate Overall Program Budget projection presentation updates with ARWA staff.*
 - *Prepared and presented updates to the Overall Program Budget projection presentation for the Technical Committee Meeting.*
 - 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. Developed and distributed the monthly Program schedule summary.

- 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
 - *Continue coordination with the Program Environmental Consultant to submit the revised Segment C cultural report given the comments received from the USACE reviewer.*
 - Continue coordination with ARWA and the Program Environmental Consultant regarding the burial relocation proceedings.
 - Continued coordination with Program Environmental Consultant concerning the Segment C comments from the United States Army Corps of Engineers.

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

- Monthly progress meeting and ongoing coordination with Program Environmental Consultant.
- Continued coordination between Program Environmental Consultant and Design Engineers.
- Task 8 – Land Acquisition Management
 - Continued negotiations with remaining Segment C parcels.
 - Coordinated the appraisal process for Segments C and W parcels as needed.
 - 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.
 - Weekly 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.
 - 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 final design.
 - 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.

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

- 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:
 - 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
 - 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.*
 - *Evaluated the scope and cost Administration Building given feedback from ARWA and GBRA.*
 - *Ongoing GBRA WTP Expansion option and cost projection development*
- Task 18 – Environmental Construction Services
 - Attended construction status meetings.
 - Perform migratory bird nesting surveys.

June 2023 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
 - *Prepare and present additional updates to the Overall Program Budget projection presentation for the Technical Committee Meeting.*
 - *Coordinate Overall Program Budget projection presentation updates with ARWA staff.*
 - 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 with the Program Environmental Consultant in addressing Segment C USACE comments on submitted reports.
 - Continue coordination with ARWA and the Program Environmental Consultant regarding the burial relocation proceedings.
 - Monthly progress meeting and ongoing coordination with Program Environmental Consultant.
 - Continue coordination between Program Environmental Consultant and Design Engineers.

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

- Review Program Environmental invoices, schedule, and risk log.
- Task 8 – Land Acquisition Management
 - Coordinate 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 the South Inline EST Construction Phase Release of Funds documentation.*
 - Continue coordination with ARWA, GBRA, and TWDB Staff to track all documents currently under review as well as preparation of funding release requests.
- 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
 - *Begin review of the 100% design submittal prepared by the Design Consultant.*
 - Continue coordination with Design Consultant for final design.
 - Continue coordination with Design Consultant regarding ongoing field work and pipeline alignment considerations.
 - Segment D
 - Continue coordination with Design Consultant for construction phase services.

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

- 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.
 - 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
 - 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
 - *Revise and resubmit the City of San Marcos Watershed Protection Plan to the City of San Marcos for the parcels to be platted near the Booster Pump Station.*
 - *Ongoing GBRA WTP Expansion option and cost projection development*
- Task 18 – Environmental Construction Services

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

- 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 % allotted by Contract (based on contract total fee)

33.9 % to date of Billing

Design Consultant Certifications: N/A

Sub Consultant	Sub Consultant Certifications	Task Description	Contract Value (\$)	Percent Complete to Date (%)	Amount Billed to Date (\$)	Amount Paid to Date (\$)
Foster CM Croup, Inc.	DBE; AABE; MBE; SBE	Budgeting, Schedule, and Data Management	\$93,880.00	6.4%	\$6,050.00	\$6,050.00
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	38.1%	\$96,685.52	\$66,272.60
V&A Consulting Engineers, Inc.	SBE; HABE; MBE	Cathodic Protection Standards	\$4,755.00	0.0%	\$-	\$-
		Subtotal	\$357,605.00	28.7%	\$102,735.52	\$72,322.60

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

- H.5** Consider adoption of Resolution 2023-06-28-003 approving Supplemental Amendment #1 to Work Order #2 with Alan Plummer & Associates, Inc. for additional design and bidding services associated with splitting the North Elevated Inline Storage Tank Project from the South Elevated Inline Storage Tank Project. ~
Graham Moore, P.E., Executive Director
-

Background/Information

The Authority entered into a Work Order for design of the Inline Elevated Storage Tanks with Alan Plummer & Associates, Inc. in March 2021. Due to timing issues the South Inline Elevated Storage Tank Project was bid separately from the North Inline Elevated Storage Tank necessitating additional design and bid services in order to complete the North Tank.

The attached proposal includes additional engineering effort to complete the 60%, 90% and 100% designs along with bidding services for the North Inline Elevated Storage Tank Project. The costs will be borne entirely by Alliance Water as GBRA does not participate in this infrastructure. The coordination will be ongoing with the Segment C Pipeline alignment.

Below are some of the key facts regarding the proposal:

- Firm:** Alan Plummer & Associates, Inc.
- Fee:** \$92,472 (100% by ARWA)
- Work Order Type:** Lump Sum
- Anticipated Duration:** 9 months
- Project Manager:** Eelhard Menesses, P.E.

Staff is requesting Board approval of the Supplemental #1 to Work Order #2 in a lump sum amount of \$92,472.

Attachment(s)

- Resolution 2023-06-28-003
- ARWA - Phase 1B Inline Elevated Storage Tanks Scope of Engineering Services Amendment 1

Board Decision(s) Needed:

- Adoption of Resolution 2023-06-28-003 approving Supplemental Amendment #1 to Work Order #2 with Alan Plummer & Associates, Inc. for additional design and bidding services associated with splitting the North Elevated Inline Storage Tank Project from the South Elevated Inline Storage Tank Project.



ALLIANCE WATER

RESOLUTION NO. 20230628-003

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING SUPPLEMENTAL AMENDMENT #1 TO WORK ORDER #2 BETWEEN THE AUTHORITY AND ALAN PLUMMER & ASSOCIATES, INC. FOR ADDITIONAL DESIGN AND BIDDING SERVICES AND RELATED MATTERS, AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. Alliance Regional Water Authority (the "Authority") entered into Work Order #2 with Alan Plummer & Associates, Inc. ("Alan Plummer") for final design services of the Phase 1B Elevated Storage Tank Project in March 2021.
2. Supplemental Amendment #1 provides additional final design and bidding services for the North Inline Elevated Storage Tank Project.
3. The scope of services and fee for the supplemental amendment was negotiated by the Executive Director and the Owner's Representative on behalf of the Authority.

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

SECTION 1. The attached Supplemental Amendment #1 for Additional Design and Bidding services for the North Inline Elevated Storage Tank Project between the Authority and Alan Plummer is approved with a total fee of \$92,472.

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

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

ADOPTED: June 28, 2023.

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors

ALLIANCE REGIONAL WATER AUTHORITY – PHASE 1B
INLINE ELEVATED STORAGE TANKS
SCOPE OF ENGINEERING SERVICES
AMENDMENT 1

BACKGROUND

The Alliance Regional Water Authority (Program) retained Plummer Associates, Inc. (ENGINEER) in March of 2021 for design and bidding services for the elevated storage tanks (ESTs) located on Pipeline Segment C and Pipeline Segment D of the Program’s transmission system (2 tanks total). The ESTs will provide pressure maintenance for the two separate pipeline segments of the Program’s system. The initial contract included a single set of design documents, one submittal to permitting agencies, and a single bid process for both ESTs.

During the design of the ESTs, permitting delays on one of the Program’s Pipeline Segments forced the ESTs design to be stopped for approximately six months. Once the permitting issues with the Pipeline Segment were resolved, design of the ESTs resumed soon after.

On May 24, 2022, the Program gave the ENGINEER the directive to split the design and bid services of both elevated tanks due to the previously discussed permitting delays. This Amendment is for additional services needed to separate the work already performed on the ESTs during the 60% design.

Client has requested that the additional costs due to the above referenced items during 90%, 100%, and Bid phase be submitted separately later as the potential for additional delays is considerable and could further impact overall budget and schedule.

1. 60% Design Phase

- 1.1. Revise original Proposal to prepare separate 60% design.
 - 1.1.1. Additional design efforts to separate the ESTs into two separate design documents.
 - 1.1.1.1. Additional design efforts to develop two separate 60% Plan Sets (in accordance with the ARWA Phase 1B Program Design Standards)
 - 1.1.1.1.1. Additional design efforts to develop two separate 60% Project Manuals (to include all ARWA Phase 1B Program standard specifications (Provided by the Owner’s Representative), project specific specifications (Provided by the Design Consultant)
 - 1.1.2. Additional efforts to develop two separate 60% Opinions of Probable Construction Costs.
 - 1.1.3. Additional efforts to perform internal QC and address QC comments on two separate contracts.
 - 1.1.4. Additional efforts for an additional 60% Design Workshop to review the 60% Design Submittal.
 - 1.1.4.1. Additional efforts to address comments provided by the Owner and Owner’s Representative on two separate sets of documents at two different times.

- 1.2. Additional work to evaluate and provide potential additional costs if tank is moved to the southwest corner of the existing property.

**Alliance Regional Water Authority
In-Line Elevated Storage Tanks - Design and Bidding
Amendment 1**

Level 2 (Phase) No. and Description Labor Rates per Hour Level 3 (Task) No. and Description	Principal	Sr. Proj Mgr	Proj Mgr	Proj Engr	EIT	Technician	Clerical	QC	Total Labor		Percent of
	\$360 (hrs)	\$325 (hrs)	\$245 (hrs)	\$175 (hrs)	\$160 (hrs)	\$130 (hrs)	\$95 (hrs)	\$360 (hrs)	Hours	Fee (\$\$\$)	Total Fee
In-Line Elevated Storage Tanks - Design and Bidding	22	30	56	121	112	86	0	26	453	\$ 90,945	100.0%
1 Project Management (Additional Fee)	2	0	44	11	2	0	0	0	59	\$ 13,665	15.0%
1 Project Management			24						24	\$ 5,880	6.5%
2 Invoices, Schedule, and Risk Register	1		20	10					31	\$ 7,010	7.7%
3 Attend an additional (1) Progress Meeting (Until August 2023)	1			1	2				4	\$ 775	0.9%
2 60% Design Phase North Tank (Additional Fee)	3	10	6	36	35	28	0	6	124	\$ 23,500	25.8%
1 Develop 60% Plans and Details		6	2	16	17	28		6	75	\$ 13,760	15.1%
2 Develop 60% Specifications		4	2	10	10				26	\$ 5,140	5.7%
3 Update Preliminary OPCC				4	4				8	\$ 1,340	1.5%
4 60% Design Workshop	2			4	4				10	\$ 2,060	2.3%
5 Potential New Site Evaluation	1		2	2					5	\$ 1,200	1.3%
3 90% Design Phase North Tank (Additional Fee)	2	8	2	14	19	14	0	6	65	\$ 13,280	14.6%
1 Develop 90% Plans and Details		4	1	4	9	14		6	38	\$ 7,665	8.4%
2 Develop 90% Specifications		4	1	4	4				13	\$ 2,885	3.2%
3 Update 60% OPCC				2	2				4	\$ 670	0.7%
4 90% Design Workshop	2			4	4				10	\$ 2,060	2.3%
4 100% Design Phase North Tank (Additional Fee)	8	12	4	28	24	24	0	6	106	\$ 21,780	23.9%
1 Develop 100% Plans and Details		2	1	2	4	10		6	25	\$ 5,345	5.9%
2 Develop 100% Specifications		2	1	2	2				7	\$ 1,565	1.7%
3 Update 90% OPCC				2	2				4	\$ 670	0.7%
4 100% Design Workshop	2			4	4				10	\$ 2,060	2.3%
5 Agency Review of 100% Set - TWDB	4		2	12	12	8			38	\$ 6,990	7.7%
6 South Tank EFR Modification	1	4		3		3			11	\$ 2,575	
7 North Tank EFR Modification	1	4		3		3			11	\$ 2,575	2.8%
5 Bidding Assistance North Tank	7	0	0	32	32	20	0	8	99	\$ 18,720	20.6%
1 Prepare Bidding Documents				8	8			4	20	\$ 4,120	4.5%
2 Attend Pre-Bid Conference	4			4	4				12	\$ 2,780	3.1%
3 Address Contractor Clarifications and Issue Addenda	2			8	8				18	\$ 3,400	3.7%
4 Review Bids and Make Recommendation	1			8	8			4	21	\$ 4,480	4.9%
5 Prepare Confirmed Contract Documents				4	4	20			28	\$ 3,940	4.3%
TOTAL LABOR	22	30	56	121	112	86	0	26	453	\$ 90,945	100.0%
Total Labor Hours											
Total Labor Amount										\$ 90,945	
TOTAL EXPENSES											
Total Subconsultants (Code CE and CE.1)										\$ -	
Total Reimbursables										\$ 1,527	
Total Expenses										\$ 1,527	
ADDITIONAL SERVICES TOTAL - In-Line Elevated Storage Tanks - Design and Bidding										\$ -	
GRAND TOTAL - In-Line Elevated Storage Tanks - Design and Bidding										\$ 92,472	

SUBCONSULTANT EXPENSES

Code	Description	Budget (\$\$)	Markup	Fee (\$\$\$)
CA	Architect Consultant	\$ -	-	\$ -
CC	Civil Engr Consultant (BASIC)	\$ -	-	\$ -
CE	Electrical Consultant	\$ -	-	\$ -
CG	Geotechnical Consultant (BASIC)	\$ -	-	\$ -
CG.1	Geotechnical Consultant (ADD'L)	\$ -	-	\$ -
CO	Other Consultant	\$ -	-	\$ -
CS	Structural Consultant	\$ -	-	\$ -
CE.1	Civil Engr Consultant (ADD'L)	\$ -	-	\$ -
CY	Surveying Consultant (ADD'L)	\$ -	-	\$ -
C2		\$ -	-	\$ -
C3		\$ -	-	\$ -
C4		\$ -	-	\$ -
C5		\$ -	-	\$ -
C6		\$ -	-	\$ -
TOTAL SUBCONSULTANT EXPENSES		\$ -	-	\$ -

REIMBURSABLE EXPENSES

Code	Description	Budget (\$\$)	Markup	Fee (\$\$\$)
RA	Laboratory Analysis	\$ -	1.15	\$ -
RC	Technology	\$ 776	1.15	\$ 894
RH	Historical	\$ -	1.15	\$ -
RI	In-House Reproduction	\$ 250	1.15	\$ 288
RL	Long Distance Telephone	\$ -	1.15	\$ -
RM	Employee Mileage	\$ 300	1.15	\$ 345
RO	Other Expenses	\$ -	1.15	\$ -
RP	Purchased Services	\$ -	1.15	\$ -
RR	Reproduction	\$ -	1.15	\$ -
RS	Shipping, Delivery, Postage	\$ -	1.15	\$ -
RT	Travel, Meals, Lodging	\$ -	1.15	\$ -
RU	Telecommunications	\$ -	1.00	\$ -
R1		\$ -	1.15	\$ -
R2		\$ -	1.15	\$ -
TOTAL REIMBURSABLE EXPENSES		\$ 1,328		\$ 1,527

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

- H.6** Discussion and possible direction to Staff regarding the updated Phase 1B budget projections. ~ *Graham Moore, P.E., Executive Director & Ryan Sowa, P.E. Kimley-Horn & Associates*
-

Background/Information

Staff has made presentations to the Technical Committee in May and June on the costs to complete the Phase 1B Program and various options for consideration to delay portions of the Project. Staff will make the updated presentation to the Board and will seek direction from the Board as to whether to pursue any of the delay options.

Attachment(s)

- Phase 1B Program Budget Update – June 28, 2023

Board Decision(s) Needed:

- Possible direction to Staff.



Phase 1B Program Budget Update

Board of Directors Meeting
June 28, 2023



ALLIANCE WATER



PRESENTED BY **Kimley»Horn**
Expect More. Experience Better.

Budget Update

- ▶ Overview
- ▶ Scope Revisions / Deferrals
- ▶ Financing Options



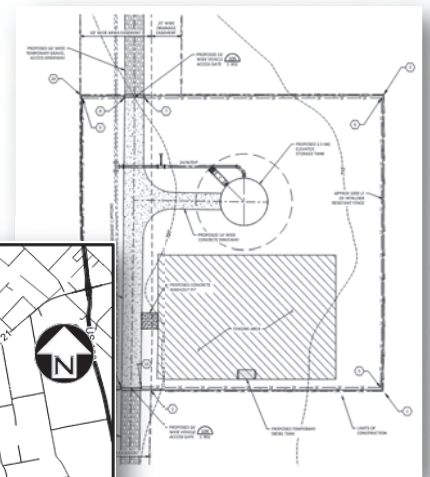
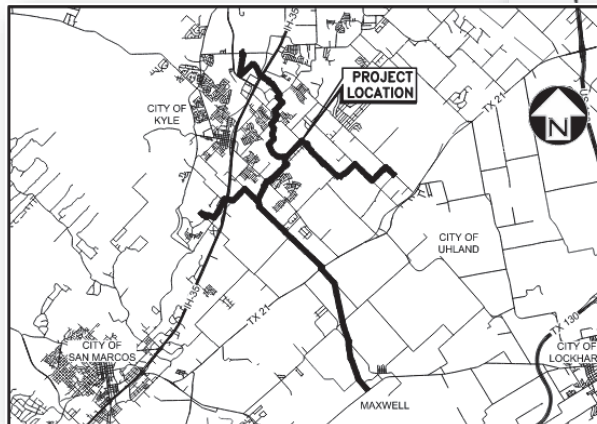
COST UPDATES BASED ON FEBRUARY MILESTONE SUBMITTALS/RESULTS

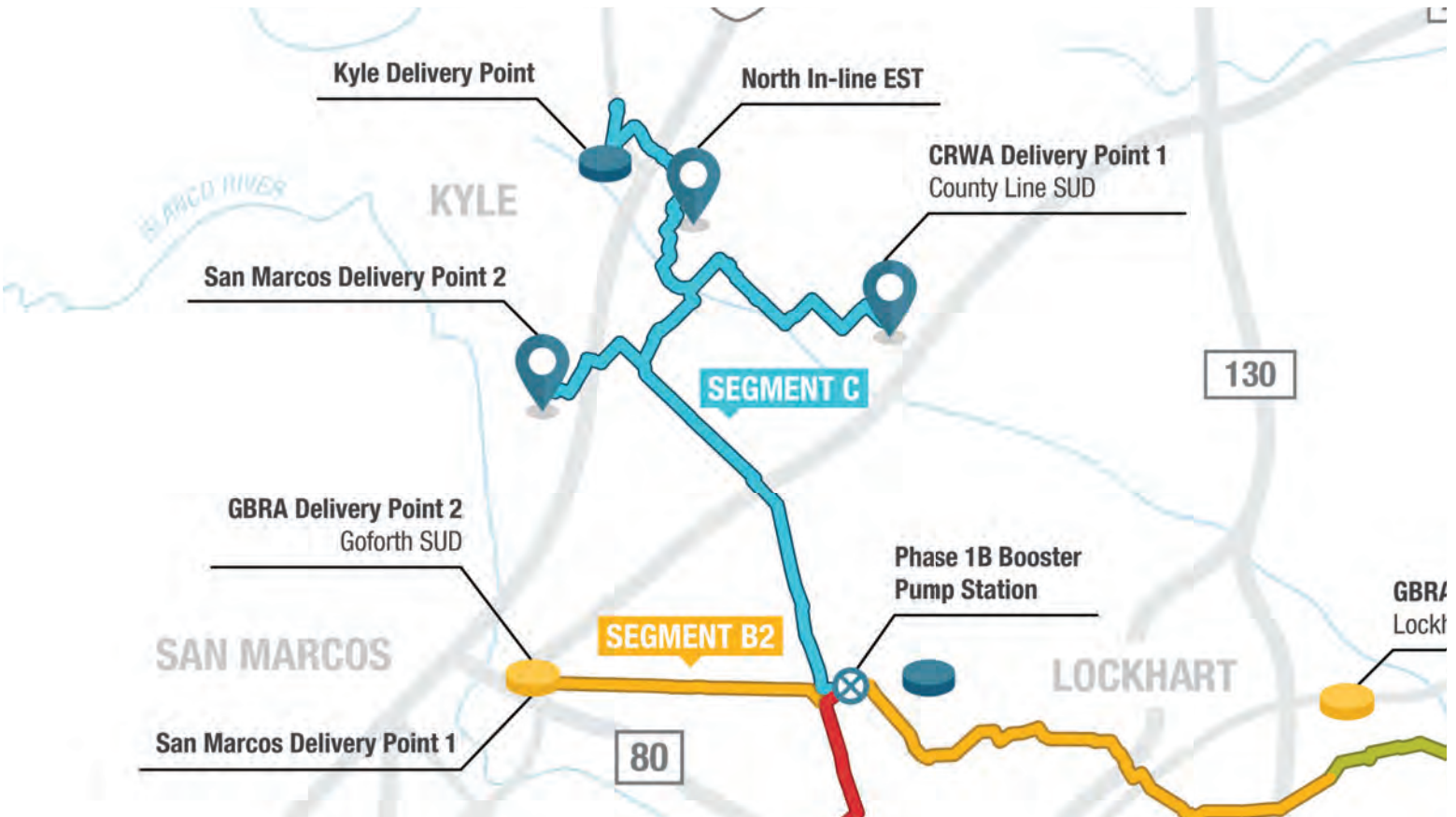
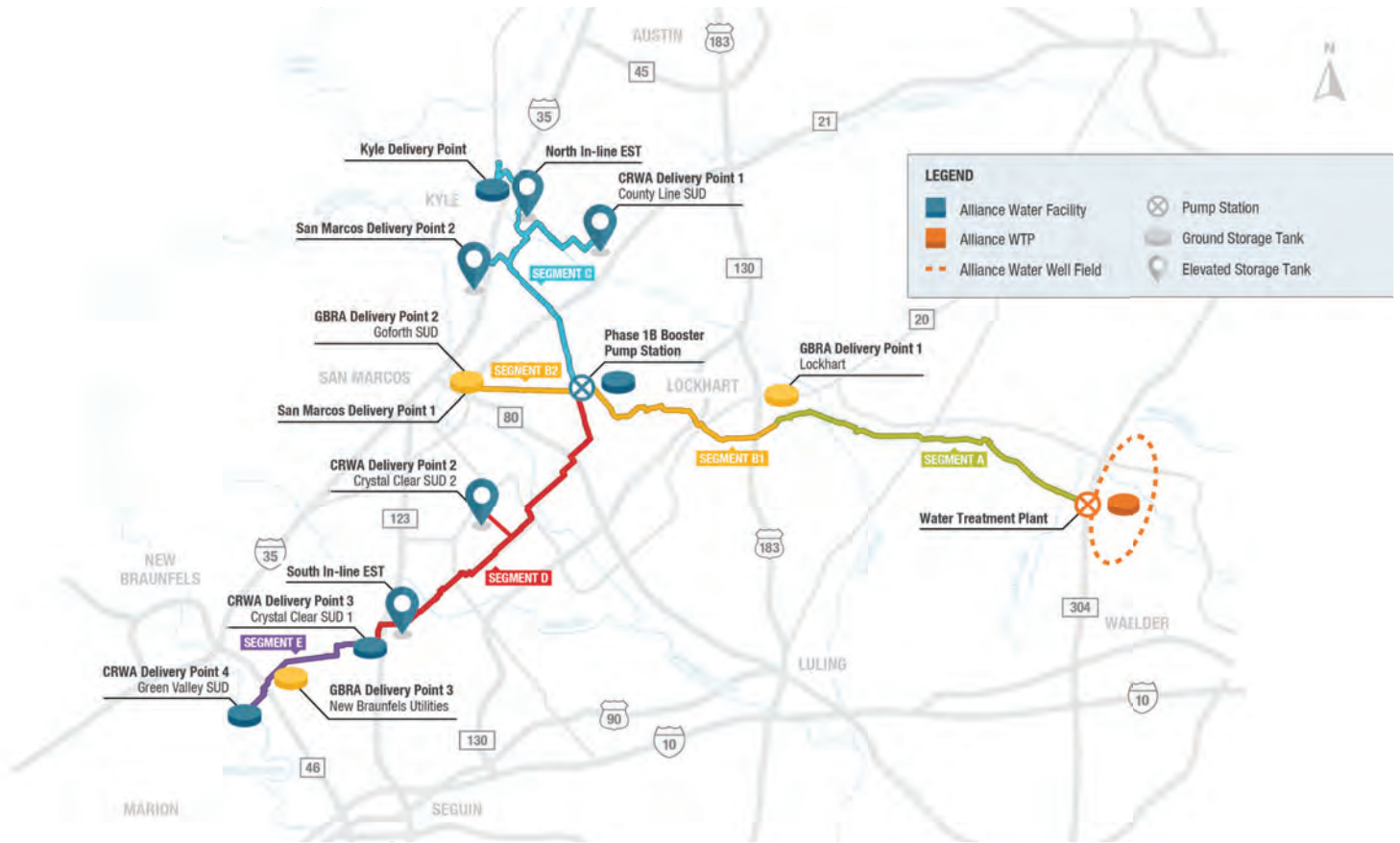
		PREVIOUS	REVISED	
	Construction Package	ARWA Total Projected Cost	ARWA Total Projected Cost	DIFFERENCE
Submittal (%) Combined Program Infrastructure				
Const.	Water Treatment Plant	\$ 29,500,000	\$ 31,400,000	\$ 1,900,000
Const.	Booster Pump Station & GBRA Meter Stations	\$ 13,700,000	\$ 14,000,000	\$ 300,000
Const.	Inline EST (South)	\$ 4,800,000	\$ 4,500,000	(\$ 300,000)
Const.	Pipeline Segment A	\$ 28,600,000	\$ 31,000,000	\$ 2,400,000
Const.	Pipeline Segment B	\$ 33,800,000	\$ 38,000,000	\$ 4,200,000
Const.	Pipeline Segment D	\$ 44,200,000	\$ 49,200,000	\$ 5,000,000
Const.	Pipeline Segment E	\$ 14,000,000	\$ 17,800,000	\$ 3,800,000
	Subtotal	\$168,600,000	\$185,900,000	\$ 17,300,000
ARWA-Only Infrastructure				
Closed	Well Drilling	\$ 3,300,000	\$ 3,300,000	\$ 0
Const.	Raw Water Infrastructure	\$ 10,600,000	\$ 11,400,000	\$ 800,000
Const.	ARWA Booster Pump Station & Delivery Points	\$ 4,800,000	\$ 5,200,000	\$ 400,000
60	Inline EST (North)	\$ 6,500,000	\$ 7,200,000	\$ 700,000
95	Pipeline Segment C	\$ 68,600,000	\$101,800,000	\$ 33,200,000
Const.	Pipeline Segment E (ARWA-Only)	\$ 12,800,000	\$ 15,300,000	\$ 2,500,000
No Design	Administration and Operations Building	\$ 4,200,000	\$ 4,200,000	\$ 0
	Subtotal	\$110,800,000	\$148,400,000	\$ 37,600,000
	Total	\$279,400,000	\$334,300,000	\$54,900,000

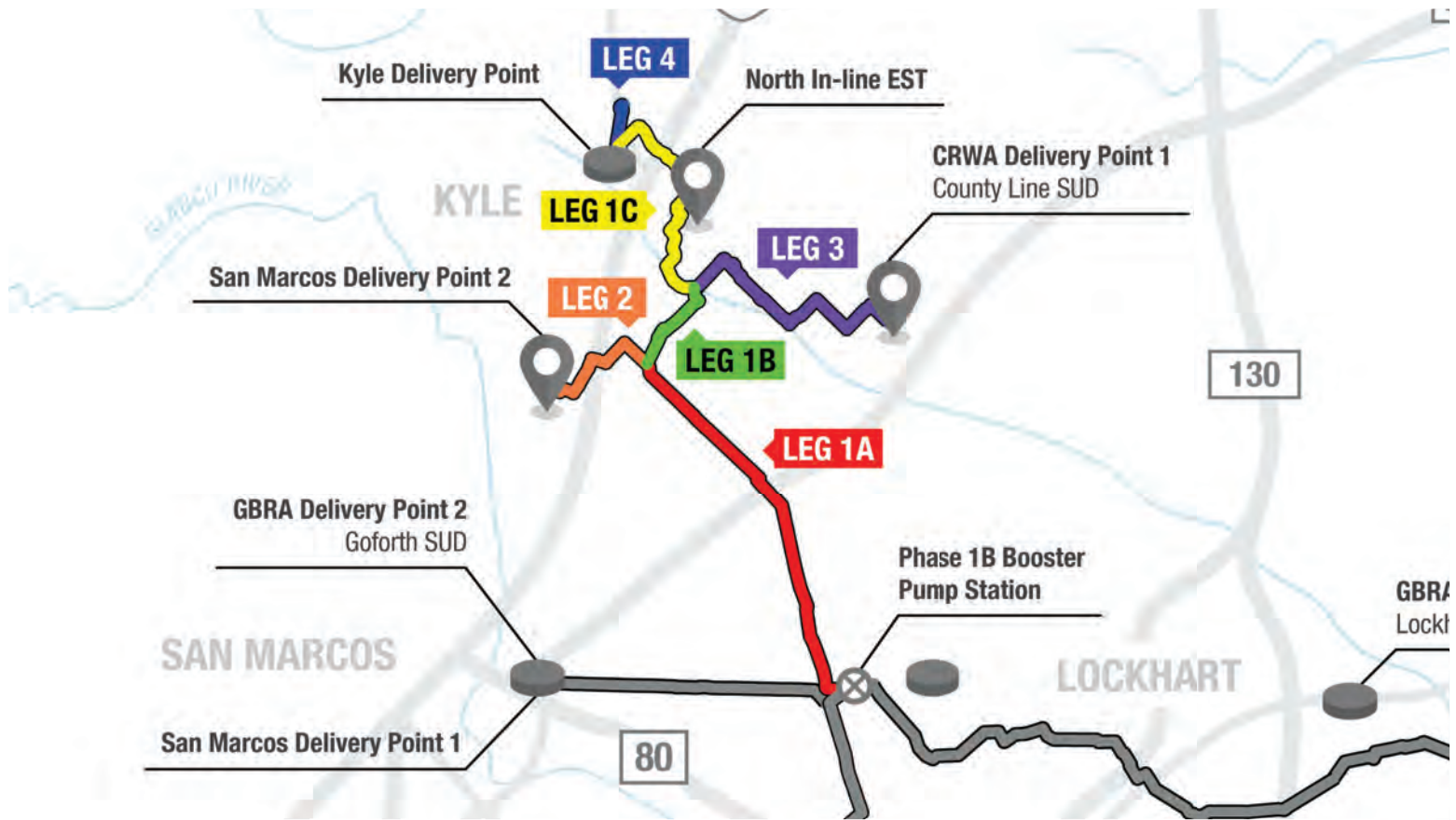
Revised Projected Cost (\$334,300,000) - Total SWIFT Funding (\$288,410,000) = \$45,890,000

Possible Scope Revisions / Deferrals

- ▶ Segment C Pipeline
- ▶ North Inline EST
- ▶ Administration Building







Segment C Construction

SEGMENT C	CONSTRUCTION COST	DEFERRAL SAVINGS	2027 COST*	PROJECTED DEFERRAL COST*
LEG 1A	\$24,200,000	NA	NA	NA
LEG 1B	\$7,942,000	\$7,942,000	\$10,140,000	\$2,198,000
LEG 1C	\$19,550,000	\$19,550,000	\$24,945,000	\$ 5,400,000
LEG 2	\$8,010,000	\$8,010,000	\$10,220,000	\$2,210,000
LEG 3	\$9,960,000	\$9,960,000	\$12,710,000	\$2,750,000
LEG 4	\$200,000	\$200,000	\$ 260,000	\$60,000
TOTAL (ROUNDED):	\$69,860,000	\$45,660,000	\$58,280,000	\$12,620,000

*The pricing shown within this analysis accounts for the 5% annual inflation rate assumed.

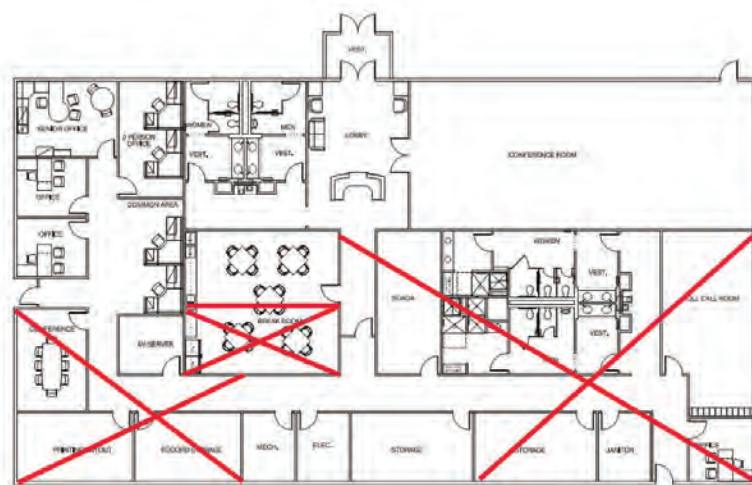


North Inline EST

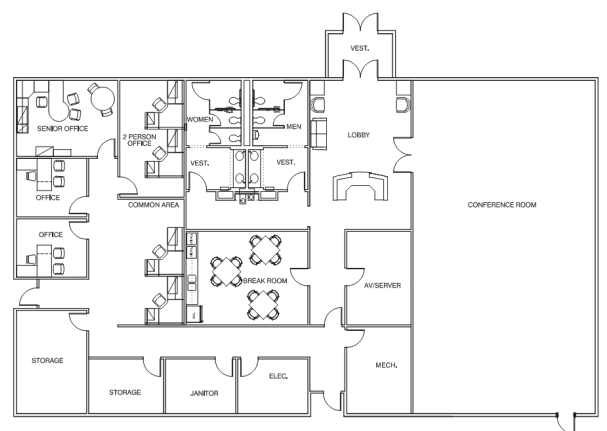
NORTH INLINE EST		ARWA BUDGET	DEFERRAL SAVINGS	2027 COST*	PROJECTED DEFERRAL COST*
CONSTRUCTION	INLINE EST - SEGMENT C	\$5,600,000	\$5,600,000	\$7,860,000	\$2,260,000
LAND ACQUISITION	LAND PURCHASE	\$86,500	NA	NA	NA
	SUPPORT SERVICES	ENGINEERING	\$600,000	NA	NA
	DESIGN SURVEY	\$50,000	NA	NA	NA
	ENVIRONMENTAL	\$70,000	NA	NA	NA
	INSPECTION	\$236,660	\$236,660	\$330,000	\$93,340
	CONSTRUCTION MANAGEMENT	\$59,165	\$59,165	\$80,000	\$20,835
	TESTING	\$50,000	\$50,000	\$70,000	\$20,000
	PROGRAM MANAGEMENT	\$251,278	NA	NA	NA
SUBTOTAL (ROUNDED):		\$7,000,000	\$5,950,000	\$8,340,000	\$2,390,000

*The pricing shown within this analysis accounts for the 5% annual inflation rate assumed.

Administration Building



~9,056 SQ. FT.



~5,800 SQ. FT.

Administration Building

ADMINISTRATION BUILDING		ARWA BUDGET	DEFERRAL SAVINGS	2027 COST*	PROJECTED DEFERRAL COST*
CONSTRUCTION	ADMIN/OPS CONSTRUCTION	\$3,500,000	\$3,500,000	\$4,910,000	\$1,410,000
SUPPORT SERVICES	ENGINEERING	\$324,000	\$324,000	\$460,000	\$136,000
	DESIGN SURVEY	\$27,000	\$27,000	\$40,000	\$13,000
	ENVIRONMENTAL	\$22,000	\$22,000	\$30,000	\$8,000
	INSPECTION	\$127,796	\$127,796	\$180,000	\$52,204
	CONSTRUCTION MANAGEMENT	\$31,949	\$31,949	\$50,000	\$18,051
	TESTING	\$27,000	\$27,000	\$40,000	\$13,000
	PROGRAM MANAGEMENT	\$169,130	\$169,130	\$240,000	\$70,870
	SUBTOTAL (ROUNDED):		\$4,300,000	\$4,300,000	\$6,100,000

*The pricing shown within this analysis accounts for the 5% annual inflation rate assumed.

ALLIANCE WATER

Summary

INFRASTRUCTURE	ARWA BUDGET	DEFERRAL SAVINGS	2027 COST*	PROJECTED DEFERRAL COST*
SEGMENT C	\$69,860,000	\$45,660,000	\$58,280,000	\$12,620,000
NORTH INLINE EST	\$7,000,000	\$5,950,000	\$8,340,000	\$2,390,000
ADMINISTRATION BUILDING	\$4,300,000	\$4,300,000	\$6,100,000	\$1,800,000
TOTAL (ROUNDED):	\$81,160,000	\$55,910,000	\$72,720,000	\$16,810,000

Revised Projected Cost (\$334,300,000) - Total SWIFT Funding (\$288,410,000) = \$45,890,000

*The pricing shown within this analysis accounts for the 5% annual inflation rate assumed.

ALLIANCE WATER

Financing Options

- ▶ TWDB – SWIFT and others
- ▶ Private Financing



Questions?

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

- H.7** Discussion and possible direction to Staff regarding the request by the Guadalupe-Blanco River Authority to expand the Authority's Water Treatment Plant Capacity. ~ *Graham Moore, P.E., Executive Director, Ryan Sowa, P.E. Kimley-Horn & Associates and Marisa Vergara, P.E., STV*
-

Background/Information

In May Staff made a presentation to the Board on considerations for expanding the Water Treatment as requested by GBRA. The attached presentation will provide additional information as requested by the Board in May.

The Authority entered into the Water Treatment and Transmission Agreement in June 2018 with the Guadalupe-Blanco River Authority (GBRA) that prescribed 15,000 acre-feet of capacity in the Carrizo Water Treatment Plant (WTP) for GBRA's use. This project is currently in construction.

In 2022 GBRA requested that the Authority consider expanding the capacity of the WTP by 10.2 million gallons per day. This additional capacity has not previously been planned into the master plan for the WTP.

The attached presentation analyzes three options for expansion of the plant. It also includes an estimate of costs for the Authority's expansions of its raw water system and the Maxwell Booster Pump Station in order to take advantage of expansions in the WTP that would provide the Authority with additional capacity.

Staff is not seeking any formal action from the Board on this item at this meeting. Any action would be anticipated at a future meeting.

Attachment(s)

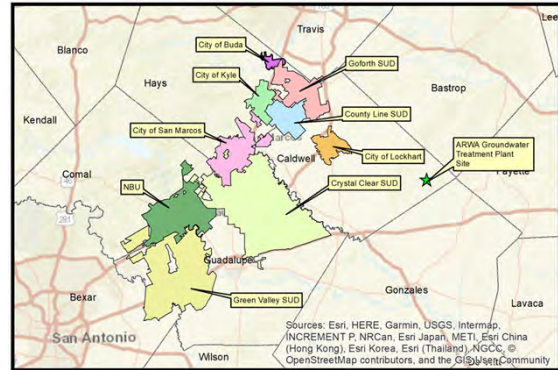
- WTP Expansion Alternatives Analysis – June 28, 2023

Board Decision(s) Needed:

- Possible direction to Staff.

Alliance Regional Water Authority Water Treatment Plant

WTP Expansion Alternatives Analysis



ALLIANCE WATER



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Meeting Agenda



- ▶ WTP Expansion Options
- ▶ Program Costs
- ▶ Schedule
- ▶ Next Steps



Kimley » Horn

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Alternatives Analysis

- ▶ Develop GBRA expansion options for 10.2 MGD.
- ▶ Utilize shared infrastructure for maximum cost savings.
- ▶ Evaluate ARWA and GBRA cost sharing for each expansion option.



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WTP Expansion Options

- ▶ Option 1 (Shared Expansion)
 - Expand ARWA to ultimate capacity at the same time as GBRA expansion.
- ▶ Option 2A (GBRA Expansion)
 - Expand capacity for GBRA now utilizing shared infrastructure.
 - ARWA participates in costs related to the ground storage tank only.
- ▶ Option 2B (GBRA Expansion)
 - Expand capacity for GBRA now utilizing shared infrastructure.
 - ARWA participates in costs to accommodate for ARWA's future expansion at the ground storage tank, filter foundation, disinfection system, rapid mix basin structure, high service pump station, and solids handling.
- ▶ Option 3 (GBRA Parallel Plant)
 - Expand capacity for GBRA only in a parallel plant.
 - [Alternative footprint to planned ARWA Phase 2 Expansion](#)



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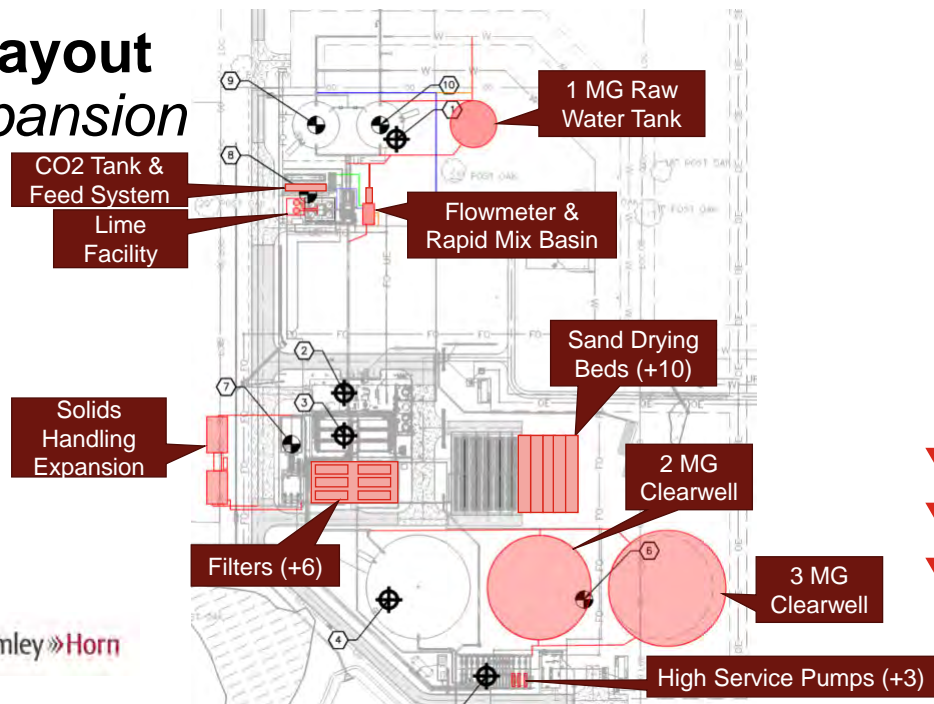
WTP Expansion Flow Assumptions

Phase	Total Flow	ARWA	GBRA
Option 1₁ <i>Shared Expansion</i>	38.19 MGD <i>(18.68 MGD Expansion)</i>	14.61 MGD <i>(8.48 MGD Expansion)</i>	23.58 MGD <i>(10.20 MGD Expansion)</i>
Option 2A/2B₂ <i>GBRA Expansion</i>	29.71 MGD <i>(10.20 MGD Expansion)</i>	6.13 MGD <i>(No Expansion at this time)</i> <i>(14.61 MGD in Phase 2)</i>	23.58 MGD <i>(10.20 MGD Expansion)</i>
Option 3₃ <i>GBRA Parallel Plant</i>	10.20 MGD	0.0 MGD	10.20 MGD

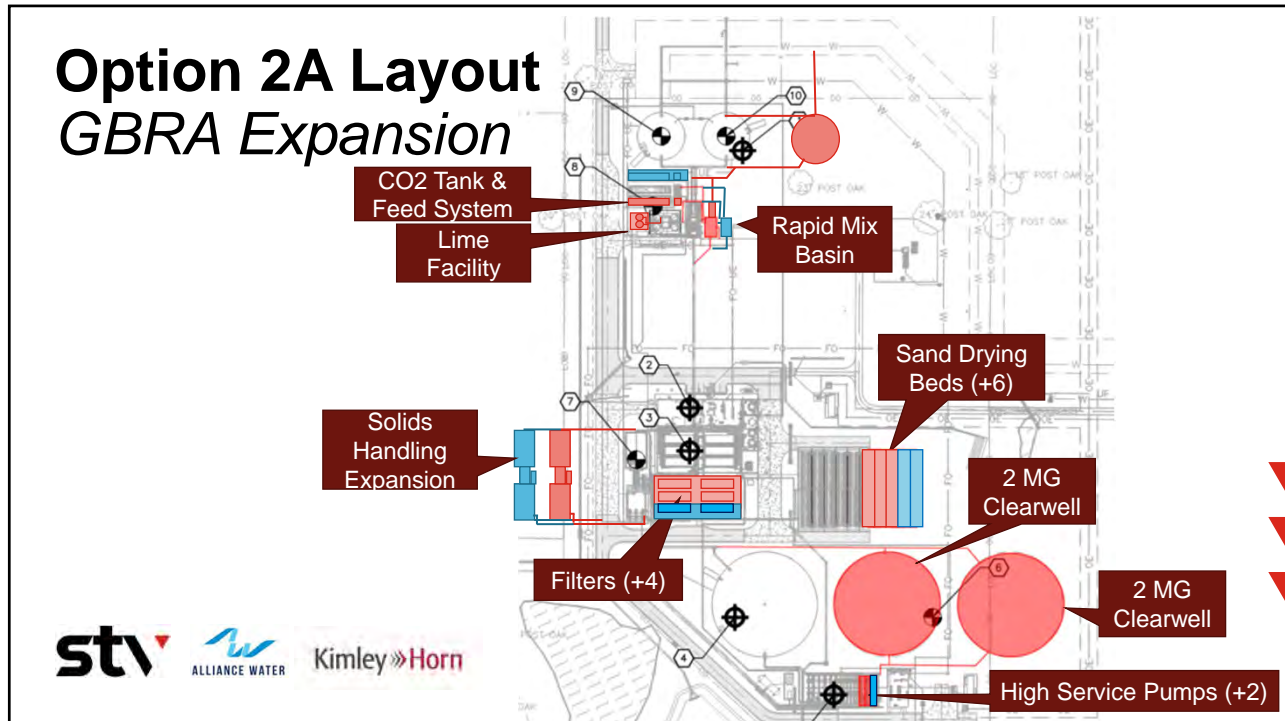


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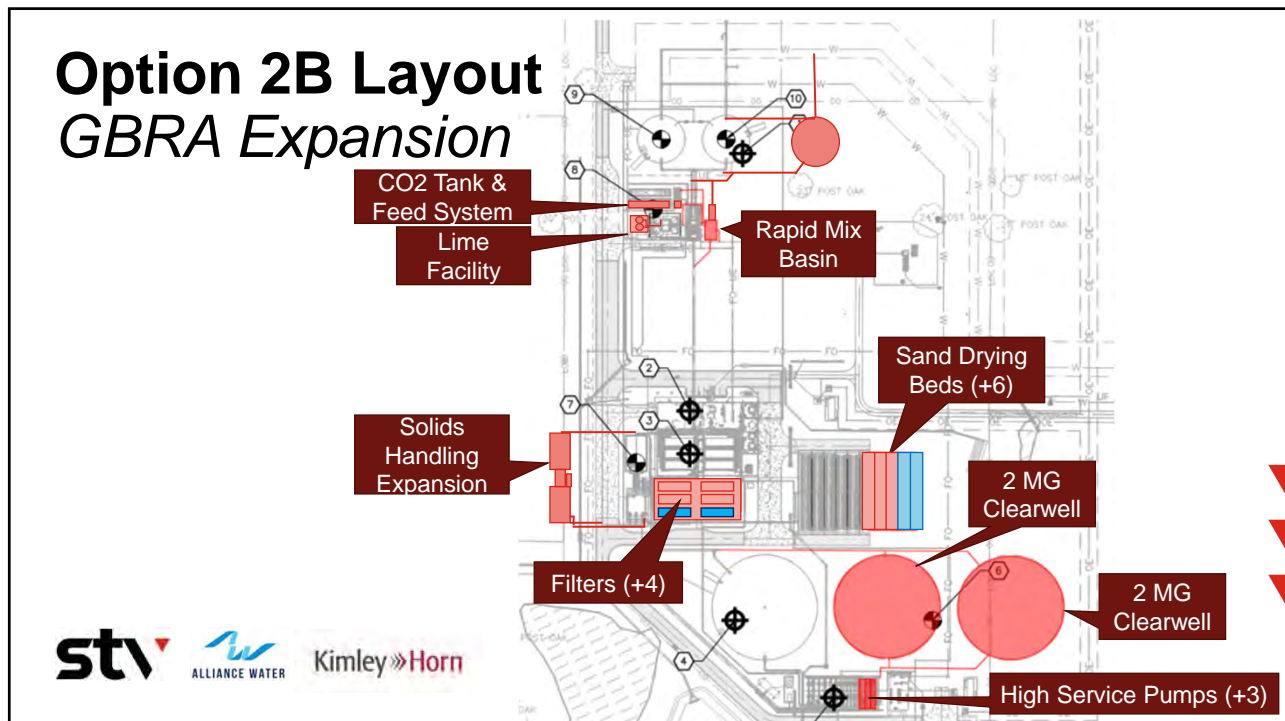
Option 1 Layout *Shared Expansion*



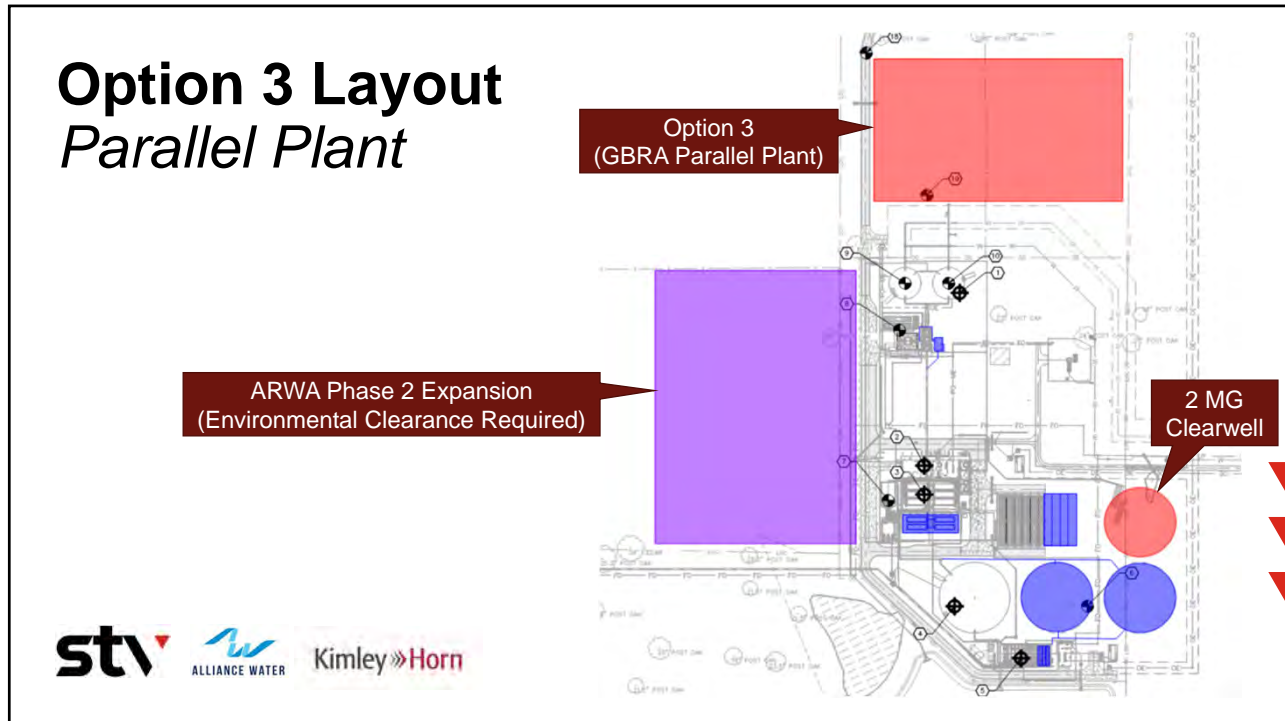
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WTP Phase 1B Cost Sharing Reallocation

Option	Ph 1B Total Cost	ARWA Share	GBRA Share	Ph 1B Credit due to ARWA
Phase 1B (Current Phase)	\$48,100,000	\$19,700,000	\$28,400,000	\$0
Option 1 (Shared Expansion)	\$48,100,000	\$17,200,000	\$30,900,000	\$2,500,000
Option 2A/2B (GBRA Expansion)	\$48,100,000	\$17,200,000	\$30,900,000	\$2,500,000
Option 3 (Parallel Plant)	\$48,100,000	\$18,700,000	\$29,400,000	\$1,000,000

stv ALLIANCE WATER Kimley»Horn

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WTP Total Cost Summary w/ Soft Costs

Phase	WTP Total Cost	ARWA Share	GBRA Share
Phase 1C/1D (ARWA Expansion)	\$34,100,000	\$34,100,000	\$0
Option 1 (Shared Expansion)	\$52,200,000	\$23,700,000	\$28,500,000
Option 2A** (GBRA Expansion)	\$37,600,000	\$5,200,000	\$32,400,000
Option 2B** (GBRA Expansion)	\$40,200,000	\$10,800,000	\$29,400,000
Option 3** (Parallel Plant)	\$63,600,000	\$0	\$63,600,000

*These costs are construction costs only with a 5% annual inflation rate assumed.

**No added capacity for ARWA at this time.



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Raw Water & Booster Pump Station

- ▶ ARWA must expand raw water and Maxwell Booster Pump Station (BPS) systems in order to utilize additional WTP capacity.
- ▶ GBRA would not participate in the expansion of the raw water system as they have their own raw water.
- ▶ GBRA would not participate in the expansion of the Maxwell BPS as the “expanded” water would delivered through the Lockhart Delivery Point, prior to the Maxwell BPS.



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ARWA RWI & Wellfield

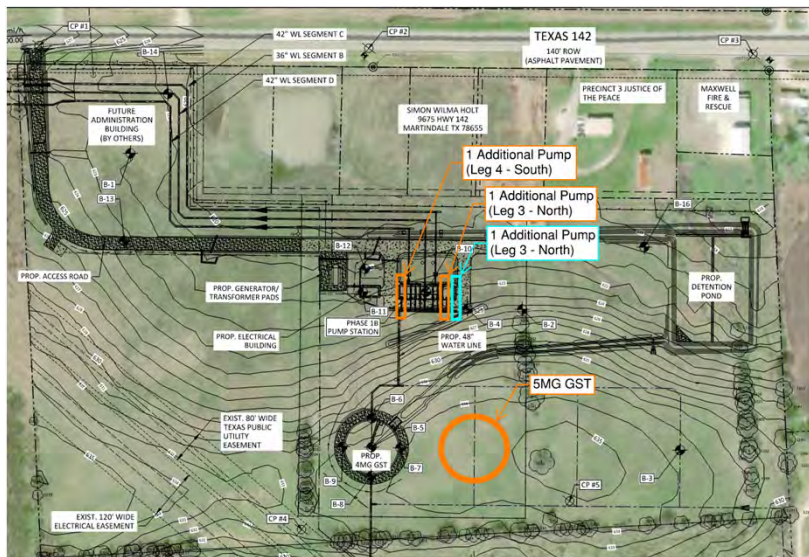
- ▶ Phase 1C
 - Construct raw water and well drilling infrastructure for Well Sites 1, 2, 3, & 4
- ▶ Phase 1D
 - Construct raw water and well drilling infrastructure for Well Sites 5, 10, & 11



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ARWA BPS

- ▶ Phase 1C
 - Construct 5 MG GST
 - 1 additional pump for Leg 4 (South)
 - 1 additional pump for Leg 3 (North)
- ▶ Phase 1D
 - 1 additional pump for Leg 3 (North)



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ARWA RWI, Wellfield, & BPS Total Costs w/ Soft Costs

Phase 1C/1D	Total Cost (Ph 1C/D 2026)	Total Cost (Ph 1C 2026 / Ph 1D 2029)	Total Savings
ARWA Raw Water Infrastructure and Wellfield	\$52,800,000	\$56,500,000	\$3,700,000
Booster Pump Station	\$12,000,000	\$12,300,000	\$300,000
Total Phase 1C/1D Costs	\$64,800,000	\$68,800,000	\$4,000,000

*These costs are total costs with a 5% annual inflation rate assumed and a 30% contingency applied.



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Schedule

- ▶ Critical Path Items
 - ARWA/GBRA Agreement
 - Includes Design Option
 - Secure Funding
 - Up to \$90 million depending on Option selected
- ▶ Project Schedule
 - Design NTP: December 2023
 - Bidding: October 2024
 - Construction NTP: January 2025
 - Startup: December 2026




24

Next Steps


- ▶ ARWA/GBRA Agreement
- ▶ Secure Funding
- ▶ Will need direction from Board in June as to interest in continued consideration of expansion for GBRA.
- ▶ If there is continued interest, ARWA and GBRA will need to enter into a new agreement or amend the existing agreement to describe the commitments from each Party, including the cost-split.
- ▶ Will need to finalize analysis in memorandum format to include anticipated construction durations, etc.





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ALLIANCE WATER

Comments and Questions







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REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

H.8 Discussion of the draft Authority budget for FY 2023-24; and possible direction to staff. ~ *Graham Moore, P.E., Executive Director*

Status of FY 22-23 Budget

Prior to discussing some items related to next year's budget, below is a brief status on the current year's budget:

- Operations & Maintenance Expenditures are projected to be about \$2.3 million which is \$275,000 (10.7%) below budget.
- Capital Expenditures are projected to be about \$52,500 as compared to the amended budgeted amount of \$247,810.
- Debt service payments will total \$14,438,050 in FY 2022.
- Total expenditures are therefore anticipated to be approximately \$16,700,000.
- Operating Revenue is projected to be approximately \$18 million which is about \$950,000 over the budgeted amount due to higher-than-expected interest income.

FY 23-24 Budget

Attached is the draft budget for FY 2023-24. Staff is scheduling a meeting with the Administrative Committee to discuss the employee costs and to get their recommendation for ultimate incorporation into the budget.

The FY 23-24 budget has the following significant changes from the current year's budget:

- Increased expenditures for Groundwater Royalties associated with Carrizo leases in the Gonzales District reaching their production value based on operations of the system.
- Increased property insurance rates.
- As noted above – the employee expenditures are being discussed with the Administrative Committee.
- Operations and maintenance expenditures based on the initial budget provided by GBRA. Staff is scheduling a meeting with GBRA to discuss the budget in more detail.
- Payments from Sponsors are 4-6% higher than anticipated in previous years due to full loan payments and the increased costs of O&M and royalty payments as a result of the groundwater moving into production.
- The budget does not include any debt service payments for any new debt issued in 2023, Staff recommends that this debt be structured to start payments in the next fiscal year (FY 24-25).

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS
Wednesday, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

Attachment(s)

- Draft – FY 2023-24 Budget

Board Decision(s) Needed:

- Possible direction to Staff.

Alliance Regional Water Authority
APPENDIX A: FY 2023-24 GENERAL OPERATIONS BUDGET
ATTACHMENT A - DRAFT 2023-06-09

Expense	Actual FY 2021/22	Approved (as Amended) FY 2022/23	Estimated FY 2022/23	Proposed FY 2023/24
Operations Expenditures				
Royalties & Permit Fees				
Groundwater Royalties	1,269,255.00	1,520,470.50	1,420,000.00	2,853,690.50
Permit Fees	81,900.00	91,000.00	91,000.00	100,100.00
Total Royalties & Permit Fees	1,351,155.00	1,611,470.50	1,511,000.00	2,953,790.50
Contract Services				
Agency Mgmt Public Relations	47,159.00	60,000.00	60,000.00	75,000.00
Contract Services-Lobbyist	45,000.00	60,000.00	60,000.00	45,000.00
Auditing fees	10,930.00	13,000.00	11,250.00	13,000.00
Legal Fees	104,047.00	125,000.00	125,000.00	125,000.00
Total Contract Services	207,136.00	258,000.00	256,250.00	258,000.00
Regional Water Planning Contribution	0.00	1,500.00	1,500.00	1,500.00
Admin Operations				
Dues	6,680.00	9,000.00	2,500.00	4,000.00
Bank Fees	4,424.00	4,000.00	4,000.00	4,000.00
Insurance - Liability, E&O	3,074.00	7,000.00	5,000.00	15,000.00
Non-Project Newspaper Public Notices	100.00	2,000.00	200.00	750.00
Telephone, Telecommunications	1,681.00	3,800.00	1,500.00	1,500.00
Supplies	27,182.00	27,500.00	12,500.00	15,000.00
Admin Operations - Other	0.00	1,500.00	0.00	2,000.00
Total Admin Operations	43,141.00	54,800.00	25,700.00	42,250.00
Travel, Conferences & Meetings	4,967.00	5,000.00	3,500.00	5,000.00
Employee Expenses				
Salaries and wages	336,085.00	372,360.98	340,000.00	390,928.02
Merit Bonus	0.00	0.00	0.00	0.00
Auto Allowance	12,600.00	12,600.00	12,600.00	12,600.00
Phone Allowance	2,700.00	2,700.00	2,700.00	2,700.00
Payroll taxes	24,509.00	27,564.08	24,947.00	27,129.60
Employee Insurance	31,204.00	37,112.40	31,433.00	39,895.83
Retirement	28,221.00	32,951.18	15,815.00	34,529.38
Licenses & Permits	151.00	1,700.00	1,250.00	1,700.00
Mileage Reimbursement	0.00	1,500.00	1,500.00	800.00
Employee Expenses - Other	560.00	4,000.00	1,000.00	4,000.00
Total Employee Expenses	436,030.00	492,489.00	431,245.00	514,280.00
Total Operations Expenditures	2,042,430.00	2,423,260.00	2,229,200.00	3,774,820.00
Facility O&M Expenditures				
General - O&M Expenditures	11,422.00	149,000.00	78,000.00	1,090,414.89
Well Field - O&M Expenditures	0.00	0.00	0.00	0.00
WTP - O&M Expenditures	0.00	0.00	0.00	0.00
Maxwell BPS - O&M Expenditures	0.00	0.00	0.00	0.00
Buda BPS - O&M Expenditures	1,644.00	23,750.00	10,000.00	0.00
Kyle EST - O&M Expenditures	0.00	0.00	0.00	0.00
SH-123 EST - O&M Expenditures	0.00	0.00	0.00	0.00
Total O&M Expenditures	13,066.00	172,750.00	88,000.00	1,090,414.89

Alliance Regional Water Authority
APPENDIX A: FY 2023-24 GENERAL OPERATIONS BUDGET
ATTACHMENT A - DRAFT 2023-06-09

	Actual FY 2021/22	Approved (as Amended) FY 2022/23	Estimated FY 2022/23	Proposed FY 2023/24
Capital Expenditures				
Projects-in-Progress (Cash)				
Legal Support	0.00	0.00	0.00	0.00
Hydrogeologic Support	23,198.00	45,000.00	40,000.00	45,000.00
Total Projects-in-Progress (Cash)	23,198.00	45,000.00	40,000.00	45,000.00
Projects-in-Progress Eng. (Cash)				
Engineering - General	42,309.00	202,810.00	12,500.00	75,000.00
Construction Projects	0.00	0.00	0.00	300,000.00
Total Projects-in-Progress Eng. (Cash)	42,309.00	202,810.00	12,500.00	375,000.00
Debt Service Payment				
Series 2015a (CRWA)	249,058.00	251,854.00	251,854.00	249,319.00
Series 2015b (Kyle)	179,928.50	178,608.00	178,608.00	182,116.50
Series 2017a (CRWA)	501,017.50	498,047.50	498,047.50	499,726.50
Series 2017b (Kyle)	455,691.50	452,996.50	452,996.50	454,983.00
Series 2017c (San Marcos)	719,232.00	719,282.00	719,282.00	718,676.50
Series 2017d (Buda)	104,054.00	103,334.00	103,334.00	102,526.00
Series 2019a (CRWA)	1,289,930.50	1,287,130.50	1,287,130.50	1,284,127.50
Series 2019b (Kyle)	1,172,646.50	1,175,574.50	1,175,574.50	1,173,260.50
Series 2019c (San Marcos)	1,899,831.00	1,897,081.00	1,897,081.00	1,893,944.00
Series 2019d (Buda)	271,717.00	269,889.50	269,889.50	268,019.00
Series 2020a (CRWA)	1,728,369.50	1,726,815.50	1,726,815.50	1,729,928.50
Series 2020b (Kyle)	1,573,890.50	1,577,476.50	1,577,476.50	1,575,751.00
Series 2020c (San Marcos)	2,584,310.50	2,581,682.50	2,581,682.50	2,583,616.50
Series 2020d (Buda)	365,842.00	365,470.00	365,470.00	364,447.00
Series 2022a (CRWA)	0.00	375,000.00	418,042.81	899,462.50
Series 2022b (Kyle)	0.00	340,000.00	382,567.50	820,090.00
Series 2022c (San Marcos)	0.00	340,000.00	389,331.92	1,261,039.00
Series 2022d (Buda)	0.00	50,000.00	55,173.02	178,837.50
Total Debt Service Payment	13,095,520.00	14,190,240.00	14,330,360.00	16,239,870.00
Total Capital Expenditures	13,161,030.00	14,438,050.00	14,382,860.00	16,659,870.00
Total Expense	15,216,530.00	17,034,060.00	16,700,060.00	21,525,100.00
Ordinary Income/Expense				
Beginning Unreserved Fund Balance	2,209,973.16	3,312,234.74	3,312,234.74	4,607,010.00
Revenue				
Project Contribution				
City of San Marcos	6,135,730.00	6,524,195.50	6,524,195.50	8,515,621.10
City of Kyle	4,114,580.00	4,499,330.50	4,499,330.50	5,573,898.87
City of Buda	873,690.00	928,393.50	928,393.50	1,609,471.50
Canyon Regional Water Authority	4,571,520.00	4,988,322.50	4,988,322.50	6,275,114.42
Project Contribution - Other	38,149.00	35,000.00	31,500.00	30,000.00
Total Project Contribution	15,733,669.00	16,975,242.00	16,971,742.00	22,004,105.89
TexStar Interest Revenue				
City of San Marcos	217,337.00	21,500.00	350,000.00	120,000.00
City of Kyle	170,371.00	16,900.00	275,000.00	85,000.00
City of Buda	30,788.00	3,050.00	40,000.00	14,000.00
Canyon Regional Water Authority	187,216.00	18,500.00	305,000.00	100,000.00
TexStar Interest Revenue - Other	0.00	0.00	0.00	0.00
Total TexStar Interest Revenue	605,712.00	59,950.00	970,000.00	319,000.00
Broadway Interest Revenue				
City of San Marcos	3,808.00	1,250.00	12,000.00	6,000.00
City of Kyle	2,624.00	980.00	18,500.00	9,250.00
City of Buda	428.00	175.00	2,100.00	1,050.00
Canyon Regional Water Authority	3,158.00	1,075.00	20,500.00	10,250.00
Broadway Interest Revenue - Other	0.00	0.00	0.00	0.00
Total Broadway Interest Income	10,018.00	3,480.00	53,100.00	26,550.00
Total Operating Revenue	16,349,400.00	17,038,670.00	17,994,840.00	22,349,660.00
Total Funds Available	18,559,373.16	20,350,904.74	21,307,074.74	26,956,670.00
Net Income	1,132,870.00	4,610.00	1,294,780.00	824,560.00
Ending Unreserved Balance	3,312,234.74	3,316,840.00	4,607,010.00	5,431,570.00
Fund Balance as Percentage of Operating	161.14%	127.77%	198.82%	111.64%

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

- H.9** Discussion and possible adoption of Resolution 2023-06-28-004 adopting the Water Projections Update Policy. *Graham Moore, P.E., Executive Director*
-

Background/Information

In May Staff presented to the Technical Committee the recommended format to be utilized by the Sponsors annually to update their water demand projections for use by the Authority. In support of this effort, Staff has prepared the attached draft Water Projections Update Policy to describe the timing and responsibilities for the updates.

Recommendations

- Technical Committee unanimously recommended adoption of the Policy

Attachment(s)

- Resolution 2023-06-28-004
- Water Projections Update Policy

Board Decision(s) Needed:

- Adoption of Resolution 2023-06-28-004 adopting the Water Projections Update Policy.



ALLIANCE WATER

RESOLUTION NO. 20230628-004

A RESOLUTION OF THE ALLIANCE REGIONAL WATER AUTHORITY BOARD OF DIRECTORS APPROVING A POLICY ON WATER PROJECTION UPDATES AND DECLARING AN EFFECTIVE DATE

RECITALS:

1. The Alliance Regional Water Authority (the "Authority") relies on water demand projections from its Sponsors in order to determine when new projects or expansions of existing systems will be required.
2. The Authority wishes to adopt a policy that governs the format and timing of the updates to help ensure timely receipt and compilation of data and in a format that will reduce the amount of interpretation required by Authority staff.
3. The Authority Board has reviewed the attached Policy on Water Projection Updates drafted by the Authority's staff, and the Authority Board wishes to approve and adopt the policy.

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

SECTION 1. The Authority Board approves and adopts the attached Policy on Water Projection Updates.

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

ADOPTED: June 28, 2023.

ATTEST:

Chris Betz
Chair, Board of Directors

Amber Schmeits
Secretary, Board of Directors



**Alliance Regional Water Authority
Policy on Water Projection Updates
Adopted XXXX**

This Water Projection Updates Policy establishes a process for the Alliance Regional Water Authority to receive annual water demand projections from the Authority’s Sponsors in a common format that will aid the Authority in planning for future projects and possible water sharing.

Article 1. In General

Section 1.01. Definitions. In this Policy:

- A. *Authority* means the Alliance Regional Water Authority.
- B. *Board* means the Board of Directors of the Authority.
- C. *CRWA* means the Canyon Regional Water Authority.
- D. *Executive Director* means the person appointed by the Board as the chief executive officer of the Authority.
- E. *Project* means the Authority’s project to produce, treat and transport groundwater from the Carrizo-Wilcox aquifer to the Sponsors.
- F. *Sponsor* includes the City of Buda, the City of Kyle, the City of San Marcos, CRWA, each member entity of CRWA that CRWA designates as a participant in the Project.
- G. *Technical Committee* means the Technical Committee of the Authority.

Section 1.02. General Policy Statements

- A. It is the policy of the Authority to annually request updated water projections from the Authority’s Sponsors for the Authority’s use in planning for future projects and the potential for water sharing.
- B. The policy sets a common standard for the Sponsor water demand projections so that the information can be readily compiled by the Executive Director.

Article 2. Procedure for Updating Water Projections by Sponsors

Section 2.01. Format. The Executive Director shall be responsible for developing an electronic tool to be shared with the Sponsors for updating the Water Projections. At a minimum the tool shall include requests for the total system demand and supply, in a common unit of delivery, for each Sponsor annually for at least a ten-year period. Furthermore, the tool shall include areas for each Sponsor to add notes to clarify the assumptions or projections used to input the demand and supply numbers.

Section 2.02. Sponsor Projections. Each Sponsor shall be responsible for completing their projections based on the best data available to them in accordance with the format created by the Authority.

Section 2.03. Compilation of Sponsor Projections. The Executive Director shall be responsible for compiling the individual projections prepared by each of the Sponsors and responsible for working with the Sponsors to resolve any questions that arise based on the Authority’s review of the projection. The Executive Director is also responsible for submitting the results of the compilation to the Technical Committee for their review. The presentation shall include information about any significant changes in projections from the previous years.

Section 2.04. Schedule for Projections. Below is the schedule to be followed annually for updating the projections, the process shall be initiated each year by the Executive Director.

- A. April 1st – the Executive Director sends out the Water Projections Tool to the Sponsors.
- B. April 30th – the Sponsors send updated projections to the Executive Director.
- C. June 30th – the Executive Director reviews the Sponsors submissions, works with the Sponsors to resolve questions, if any, and compiles the results of the projections.
- D. July 15th – the Executive Director presents the compilation of the water demand projections to the Technical Committee.

End

**Alliance Regional Water Authority
Sponsor Water Demand Projections
2024 Annual Update**

Date	J BIEMER: Name of utility system this report is being filed for.	
Utility Name		
Prepared By		
Organization		
Year:	Total System Demand	Total System Supply
2024	J BIEMER: Acre Feet per Year	J BIEMER: Acre Feet per Year
2025		
2026		
2027		
2028		
2029		
2030		
2031		
2032		
2033		
2034		
2035		
2040		
2045		
2050		
2055		
2060		
2065		
2070		
2075		

Preparer Notes	
Demand Notes:	
J BIEMER: Person who prepared response.	
J BIEMER: If preparer is a consultant, please indicate organization affiliation.	
Basis of Supply Notes:	

Alliance Water Program Information

Year*	Phase	Total ARWA Base Production (af/yr)	Total ARWA Peak Production (af/yr)	Sponsor's Percentage of Total Production	Sponsor
2023	1B	6,866	8,925	3.19	County Line
2028	1C	10,998	14,298	5.08	Buda
2035	1D	15,000	19,500	10.63	Green Valley
2040	2A	35,000	45,500	16.8	Crystal Clear
				28.17	Kyle
				35.86	San Marcos

*Anticipated dates are for planning purposes and are subject to change based on project need and board action.

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

H.10 Discussion of legislative issues for the 88th Texas Legislature, and possible direction to Staff. ~ *Scott Miller / Jeff Hecker, The Schlueter Group*

Background/Information

Below are some statistics for the 88th Regular Session:

- Total Bills Filed: 8,345 (16% increase over 87th session)
- Bills Sent to Governor: 541 (42% increase over 87th session)
- Bills Vetoed: 77 (385% increase over 87th session – 2nd most ever vetoed)

Below are the statistics for the bills we were tracking:

- Total Bills Tracked: 63
- Bills Sent to Governor: 15
- Vetoed: 1

On the following pages is the list of bills tracked by the Authority.

Attachment(s)

ARWA Bill Tracking as of 6/19/2023

Board Decision(s) Needed:

- Possible direction to Staff.

ARWA Bill Tracking – 2023 / 88th Texas Legislature

ARWA – Bills to Support/Oppose (as of 6/19/2023)				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 170	Spiller	<ul style="list-style-type: none"> Restrict public entities, including special purpose districts, from spending public money to pay a lobbyist 	State Affairs	Oppose
HB 622	Shaheen	<ul style="list-style-type: none"> Allows legal postings on website in lieu of newspaper publications 5/11: Sent to House Calendars 	County Affairs	Support
HB 973	Zwiener	<ul style="list-style-type: none"> Adds grants to harden/weatherize water & wastewater systems from the Critical Infrastructure Res Fund 	State Affairs	Support
HB 1646	King, Tracy	<ul style="list-style-type: none"> Amends EAA legislation to allow water from the aquifer withdrawn within the EAA boundaries to be used within the CCN of the public utility withdrawing the water. 4/19: Passed House 5/19: Passed Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Support
SB 175 HB 3538	Middleton Troclair	<ul style="list-style-type: none"> Prohibits political subdivisions from spending public funds on lobbyists or a lobbying association 3/13: Left pending in House Cmte 4/13: Referred to Senate Cmte 	State Affairs State Affairs	Oppose
HB 2460 SB 296	King Perry	<ul style="list-style-type: none"> Requires TCEQ to updates is WAMs for the Guadalupe, Lavaca, Nueces, San Antonio, San Jacinto and Trinity River basins. 5/24: Signed by the Governor, effective 9/1/2023 	Natural Resources Ag, Water & Rural Affairs	Support
SB 469	Springer	<ul style="list-style-type: none"> Redefines “rural political subdivision” for TWDB funding purposes to a service area with a population of 50,000 or less; municipality with max population of 10,000 within a max urban area of 50,000. 6/18: Signed by the Governor, effective 9/1/2023 	Ag, Water & Rural Affairs Natural Resources	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

HB 10 SB 28	King Perry	<ul style="list-style-type: none"> Relating to financial assistance provided and programs administered by the TWDB Companion allocates \$1 billion from Rainy Day Fund for programs 6/9: Signed by the Governor, pending voter approval of funding 	Natural Resources Ag, Water & Rural Affairs	Support
HB 2906	Hayes	<ul style="list-style-type: none"> Requires condemnor to pay all expenses and fees if Special Commissioners or jury awards more value than what was offered by the governmental entity 	Land & Resource Mgmt	Oppose
HB 3278	Price	<ul style="list-style-type: none"> Relating to the joint planning of DFCs in GMAs. TWCA supported legislation. 6/11: Signed by the Governor, effective immediately 	Natural Resources Ag, Water & Rural Affairs	Support
SB 1289	Perry	<ul style="list-style-type: none"> Related to the disposal of reclaimed wastewater. TWCA supported legislation. 6/18: Signed by the Governor, effective immediately 	Ag, Water & Rural Affairs Environmental Regulation	Support
HB 3059	King	<ul style="list-style-type: none"> Increase export fee cap to \$0.20 per 1,000 gals or a 50% surcharge for a fee-based district. Rate increases at 3% per year. 6/13: Signed by the Governor, effective 9/1/2023 	Natural Resources Ag, Water & Rural Affairs	Monitor

ARWA – Bills to Related to Open Meetings / Government (as of 6/19/2023)				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 537	Wu	<ul style="list-style-type: none"> Require governmental entity to post audit on website 3/16: Substitute approved in comm 	State Affairs	Monitor
HB 712 SB 271	Shaheen Johnson	<ul style="list-style-type: none"> Require local governments to notify DIR about a security incident 5/19: Signed by the Governor, effective 9/1/2023 	State Affairs Business & Commerce	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

HB 2492 SB 680	Capriglione Johnson	<ul style="list-style-type: none"> Requires disclosure of certain types of contracting communication even if it intends to assert an exception to disclosure. 	State Affairs Business & Commerce	Monitor
SB 42	Zaffirini	<ul style="list-style-type: none"> Amends certain open meeting situations – imposes some additional requirements on virtual meetings 	Business & Commerce	Monitor

ARWA – Bills to Monitor (as of 6/19/2023)

<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
HB 427	VanDeaver	<ul style="list-style-type: none"> Relating to info required to be provided to the public about planned excavations 	Energy Resources	Monitor
HB 495	Meza	<ul style="list-style-type: none"> Requires a rest break of 10-minutes every 4 hours for construction workers; requires public entity to administer the requirement 	State Affairs	Monitor
HB 585	Raymond	<ul style="list-style-type: none"> Requires TCEQ to create a plan to protect water treatment facilities from electrical outages; catastrophic weather events; terrorist attacks; projected effects of climate change; other disruptions 5/1: Sent to House Calendars 	Natural Resources	Monitor
HB 588	Raymond	<ul style="list-style-type: none"> Creates a statewide disaster alert system through the Dept of Emergency Management 	Homeland Security	Monitor
HB 778 SB 283	Walle Echardt	<ul style="list-style-type: none"> Requires written verification from contractor and subcontractor on construction projects that Workers Comp is provided for all workers 4/24: HB scheduled for hearing 	Business & Industry Business & Commerce	Monitor
HB 982	Toth	<ul style="list-style-type: none"> Prohibits contracting with certain companies for goods/services 	State Affairs	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		unless enviro, social and governance policies are prohibited.		
HB 1412 SB 330	Schaefer Hall	<ul style="list-style-type: none"> Creates the Texas Grid Security Commission, which includes a rep from water, to evaluate hazards and risks to the electric grid. 4/25: Passed Senate 5/18: Passed House Cmte 	State Affairs Business & Commerce	Monitor
HB 1489	Tepper	<ul style="list-style-type: none"> Provides limitations on the CO issuances by local governments on public works projects. 4/5: Left pending in cmte 	Person / Investments/ Financial Services	Monitor
HB 1565 SB 1351	Canales Perry	<ul style="list-style-type: none"> TWDB Sunset Bill. 5/19: Signed by the Governor, effective 9/1/2023 	Natural Resources Ag, Water & Rural Affairs	Monitor
HB 1699 SB 1085	King, Tracy Flores	<ul style="list-style-type: none"> Authorizes Evergreen UCD to impose a maximum combined production and export fee not to exceed \$0.20 per 1,000 gallons. 6/9: Filed without Governor's signature, effective immediately 	Natural Resources Local Government	Monitor
HB 1817	Capriglione	<ul style="list-style-type: none"> Relating to the validity of a contract for which a disclosure of interested parties is required. 6/9: Signed by the Governor, effective immediately 	State Affairs	Monitor
HB 1845 SB 650	Metcalf Perry	<ul style="list-style-type: none"> Require TCEQ to develop a Class D licensure for those not holding a high school diploma 5/23 Signed by the Governor, effective 9/1/2023 	Natural Resources Ag, Water & Rural Affairs	Monitor
HB 1852	Holland	<ul style="list-style-type: none"> Prohibits TCEQ from issuing an order creating a new special district after Sept 1, 2023 	Natural Resources	Monitor
HB 1971	Ashby	<ul style="list-style-type: none"> Relating to the procedures for acting on a permit or permit amendment application by a GCD 	Natural Resources	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		<p>and the disqualification of board members of GCDs</p> <ul style="list-style-type: none"> 6/9: Signed by the Governor, effective immediately 	Ag, Water & Rural Affairs	
HB 2119	Dorazio	<ul style="list-style-type: none"> Relating to the award of attorney's fees to the prevailing party in certain suits involving a GCD 	Natural Resources	Monitor
HB 2265 SB 803	Leach Hughes	<ul style="list-style-type: none"> Provides that a construction contract may not prohibit or limit the award of compensatory damages to a contractor for a delay caused solely by the gov't entity 5/5: Passed House 5/19: Scheduled for Senate Cmte hearing 	State Affairs Business & Commerce	Monitor
HB 2284	King	<ul style="list-style-type: none"> Provides that a person is entitled to repurchase property acquired through eminent domain if the use of the property is changed from public use 	Land & Resource Mgmt	Monitor
HB 2318	Zwiener	<ul style="list-style-type: none"> Relating to the possession of property to be acquired by eminent domain during pending litigation in a condemnation proceeding 	Land & Resource Mgmt	Monitor
HB 2443	Harris	<ul style="list-style-type: none"> Allow person to petition GCD to adopt or modify rules. The language is not the TWCA consensus language 6/10: Signed by the Governor, effective 9/1/2023 	Natural Resources Water, Ag & Rural Affairs	Monitor
HB 2735	King	<ul style="list-style-type: none"> Requires a GCD to establish the amount of security required to file suit challenging a rule or order of the GCD, not to exceed \$100k 5/4: Passed House 5/9: Referred to Senate Cmte 	Natural Resources Water, Ag & Rural Affairs	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

HB 2965 SB 1336	Vasut Creighton	<ul style="list-style-type: none"> Removes the exemption for civil works projects from construction liability claims. 6/11: Signed by the Governor, effective 9/1/2023 	Judiciary & Civil Juris. Business & Commerce	Monitor
HB 3225	Tepper	<ul style="list-style-type: none"> Requires a recording to be posted to the gov't entities website within 5 days containing a recording of any public meeting 4/25: Left pending in Cmte 	Natural Resources	Monitor
HB 3314 SB 1080	Gerdes Kolkhorst	<ul style="list-style-type: none"> Allows Lost Pines GCD to establish a mitigation program to be funded by production or export fees SB is similar to HB, but not same. 6/15: Vetoed by the Governor 	Natural Resources Ag, Water & Rural Affairs	Monitor
HJR 26	Schofield	<ul style="list-style-type: none"> Amends Constitution to provide the right to repurchase real property acquired through eminent domain 	Land & Resource Mgmt	Monitor
SB 30	Huffman	<ul style="list-style-type: none"> Appropriates \$400 million from ARPA to provide grants for flood mitigation as part of Appropriations bill 6/9: Signed by the Governor, effective immediately 	Finance Appropriations	Monitor
SB 40	Zaffirini	<ul style="list-style-type: none"> Requires TCEQ to develop and implement a boil water notice alert system 	Ag, Water & Rural Affairs	Monitor
SB 156	Perry	<ul style="list-style-type: none"> Amends Ch. 36 of Water Code to allow landowners to petition for rulemaking; clarify which DFC is to be used in a management plan; provide notice on certain applications. 3/16: Passed Senate 5/18: Passed House Cmte 	Ag, Water & Rural Affairs Natural Resources	Monitor
SB 223	Campbell	<ul style="list-style-type: none"> Requires a TCEQ public meeting on an application for an initial wastewater treatment permit in the 	Ag, Water & Rural Affairs	Monitor

ARWA Bill Tracking – 2023 / 88th Texas Legislature

		county the facility would be located.		
SB 638	Springer	<ul style="list-style-type: none"> Amends Ch. 36 in several areas dealing primarily with Directors recusal process; limits board continuances; provides deadlines for permit decisions, etc. 4/27: Passed Senate 4/28: Referred to House Cmte 	Ag, Water & Rural Affairs Natural Resources	Monitor
SB 1366	Creighton	<ul style="list-style-type: none"> Funding mechanism for flood projects. 	Finance	Monitor
HB 3990	Kacal	<ul style="list-style-type: none"> Requires TWDB and TCEQ to study groundwater and surface water interaction 5/3: Passed House 5/5: Referred to Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor
HB 4532	Kacal	<ul style="list-style-type: none"> Requires consideration of modeled sustainable groundwater pumping before approving a DFC 4/28: Passed House 5/2: Referred to Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor
HB 5052	Gerdes	<ul style="list-style-type: none"> Requires consideration of impacts on historic wells for new permit requests 4/27: Passed House 5/2: Referred to Senate Cmte 	Natural Resources Ag, Water & Rural Affairs	Monitor

REGULAR MEETING
Alliance Regional Water Authority Board of Directors

BOARD MEMBER PACKETS

Wednesday, June 28, 2023 at 3:00 P.M.

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

- I. 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, June 28, 2023 at 3:00 P.M.

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

- J.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, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

J.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, June 28, 2023 at 3:00 P.M.
San Marcos Activity Center, 501 E. Hopkins, San Marcos, TX 78666

K. ADJOURNMENT
