

**Alliance Regional Water Authority  
Technical Committee**

**REGULAR MEETING**



**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Call-In Number: 1-346-248-7799

Meeting ID: 896 9982 2817

Passcode: 257788

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

A quorum of Alliance Regional Water Authority's (the Authority's) Technical Committee will hold a meeting by telephonic conference call at 3:00 PM, Wednesday, June 24th, 2023. The public may participate in this meeting by calling the following number and code:

[ZOOM MEETING LINK](#)

Call-In Number: 1-346-248-7799

Meeting ID: 896 9982 2817

Passcode: 257788

Members of the public wishing to make public comment during the meeting must register by emailing [info@alliancewater.org](mailto:info@alliancewater.org) prior to 3:00 p.m. on June 14, 2023. This meeting will be recorded and the audio recording will be available on the Authority's website after the meeting. 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 submit a completed Public Comment Form to the Executive Director or his/her designee before the public comment period begins.)

D. CONSENT AGENDA

D.1 Consider approval of minutes of the Regular Technical Committee Meeting held May 10, 2023. ~ *Graham Moore, P.E., Executive Director*

E. PRESENTATIONS TO THE COMMITTEE

E.1 None.

F. ITEMS FOR COMMITTEE ACTION OR DISCUSSION/DIRECTION

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

F.2 Update, discussion and possible direction to Staff regarding the Authority's Phase 1B program. ~ *Ryan Sowa, P.E., Kimley-Horn & Associates*

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- F.3 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*
- F.4 Discussion of the draft Authority budget for FY 2023-24; and possible direction to staff. ~ *Graham Moore, P.E., Executive Director*
- F.5 Discussion and possible recommendation to the Board to adopt the Water Projections Update Policy. *Graham Moore, P.E., Executive Director*
- F.6 Discussion of legislative issues for the 88<sup>th</sup> Texas Legislature and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*
- F.7 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 REPORT - Update on future meeting dates, locations, consultant invoices paid, approved changed orders, status of Authority procurements, Executive Director activities and other operational activities where no action is required. ~ *Graham Moore, P.E., Executive Director*
- H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Committee Members of future area events and/or requests for item(s) to be placed on a future agenda where no action is required.
- I. EXECUTIVE SESSION
  - I.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*
  - I.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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

J. ADJOURNMENT

**NOTE:** *The Technical Committee may meet in Executive Session to consider any item listed on this agenda if a matter is raised that is appropriate for Executive Session discussion. An announcement will be made of the basis for the Executive Session discussion. The Technical Committee may also publicly discuss any item listed on the agenda for Executive Session.*

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**A. CALL TO ORDER**

---

No Backup Information for this Item.

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**B. ROLL CALL**

---

NAME PRESENT

Blake Neffendorf

Derrick Turley

Paul Kite

Humberto Ramos

Tim Samford

Regina Franke

NON-VOTING MEMBERS PRESENT

Mayor Lee Urbanovsky

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**C. PUBLIC COMMENT PERIOD**

---

Each person wishing to speak must submit a completed Public Comment Form to the Executive Director or his/her designee before the public comment period begins.

Comments are limited to 3-minutes per agenda item and three minutes total for all non-agenda topics. If using a translator, comments are limited to six minutes per agenda item and six minutes total for non-agenda topics.

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**D. CONSENT AGENDA**

---

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



**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**D.1** Consider approval of minutes of the Technical Committee Meeting held May 10, 2023. ~ *Graham Moore, P.E., Executive Director*

---

Attachment(s)

- 2023 05 10 Technical Committee Meeting Minutes

**Technical Committee decision needed:**

- Approval of minutes.



## ALLIANCE WATER

### Alliance Regional Water Authority

### TECHNICAL COMMITTEE MEETING

### MINUTES

**Wednesday, May 10, 2023**

The following represents the actions taken by the Technical Committee of the Alliance Regional Water Authority (Alliance Water) in the order they occurred during the meeting. The Technical Committee convened in a meeting on Wednesday, May 10, 2023 by telephonic conference call.

A. CALL TO ORDER.

**The Alliance Water Technical Committee Meeting was called to order at 3:01 p.m. by Mr. Neffendorf.**

B. ROLL CALL.

- **Present: Neffendorf, Turley, Kite, Ramos and Samford with Franke joining in Item F.1.**
- **Absent: Urbanovsky.**

C. PUBLIC COMMENT PERIOD

- **None.**

D. CONSENT AGENDA

D.1 Consider approval of minutes of the Regular Technical Committee Meeting held March 8, 2023.

- **Motion to adopt the minutes as presented was made by Mr. Samford, seconded by Mr. Turley and approved on a 5-0 vote.**

E. PRESENTATIONS TO THE COMMITTEE

E.1 None.

## F. ITEMS FOR COMMITTEE ACTION OR DISCUSSION/DIRECTION

- F.1 Update and possible direction to Staff regarding construction of the Authority's Phase 1B program.
- **Mr. Flinn with Pape-Dawson provided an update on the Phase 1B construction.**
  - **Mr. Flinn noted there are construction delays on the Water Treatment Plant project due to slow delivery of the wall panels and switchboards.**
  - **Mr. Flinn also noted that the Plum Creek crossing is a potential schedule risk for Segment A.**
  - **Mr. Flinn stated that the pump station slab at the Maxwell Booster Pump Station had problems during the concrete pour and the contractor is currently tasked with doing more investigation to determine the extent of the problem.**
  - **Mr. Neffendorf requested that the original contract value be added to the table of cost in the presentation.**
  - **No Action.**
- F.2 Update, discussion and possible direction to Staff regarding the Authority's Phase 1B program.
- **Mr. Sowa with Kimley-Horn provided an update on the Phase 1B program.**
  - **No Action.**
- F.3 Discussion and possible direction to Staff regarding the updated Phase 1B budget projections.
- **Mr. Ramos asked about the ramifications of the North EST not being built. He also stated that he is in favor of completing the North EST, Segment C and the Administration Facility.**
  - **Mr. Moore stated that the system can function without the North EST particularly in the early years, but it provides more overall protection and emergency storage.**
  - **Mr. Neffendorf stated that he's in favor of completing Segment C and open to possibly deferring the North EST and Administrative Facility. He would like to see an update to what is required at the Administrative Facility.**
  - **Mr. Samford suggested that the Administrative Facility be reviewed with GBRA to determine their needs in the facility.**
  - **Mr. Kite noted that San Marcos is not willing to defer Leg 2 of Segment C as they need to be able to fill the Blanco Vista EST.**
  - **Staff to proceed with additional investigation and analysis and report back to the Technical Committee.**

- F.4 Discussion and possible direction to Staff regarding the system for updating Sponsor water demand projections.
- **Mr. Moore discussed the proposed system for updating Sponsor water demand projections.**
  - **The Committee supported the proposed system.**
  - **Mr. Moore noted that Staff will develop a written policy detailing the system.**
  - **Mr. Kite confirmed that the policy will require Board approval.**
  - **No Action.**
- F.5 Discussion of legislative issues for the 88<sup>th</sup> Texas Legislature and possible direction to Staff.
- **Mr. Moore discussed the key issues in the current legislative update.**
  - **No Action.**
- F.6 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.
- **Mr. Moore provided an update.**
  - **No Action.**

#### G. EXECUTIVE DIRECTOR REPORT

- **No Action.**

#### H. COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS

- **None.**

#### I. EXECUTIVE SESSION

- I.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

- I.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
  - D. Operation and Maintenance Agreement of Carrizo Regional Water Supply
    - **No Action.**

J. ADJOURNMENT

- **Meeting was adjourned at 4:41 p.m. based on the motion by Mr. Ramos, seconded by Mr. Neffendorf and approved on a 6-0 vote.**

**APPROVED:** \_\_\_\_\_, 2023

\_\_\_\_\_

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- F.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

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

Attachment(s)

- Phase 1B Construction Update – June 5, 2023

**Technical Committee Decisions Needed:**

- None.



# PHASE 1B CONSTRUCTION UPDATE

June 5, 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

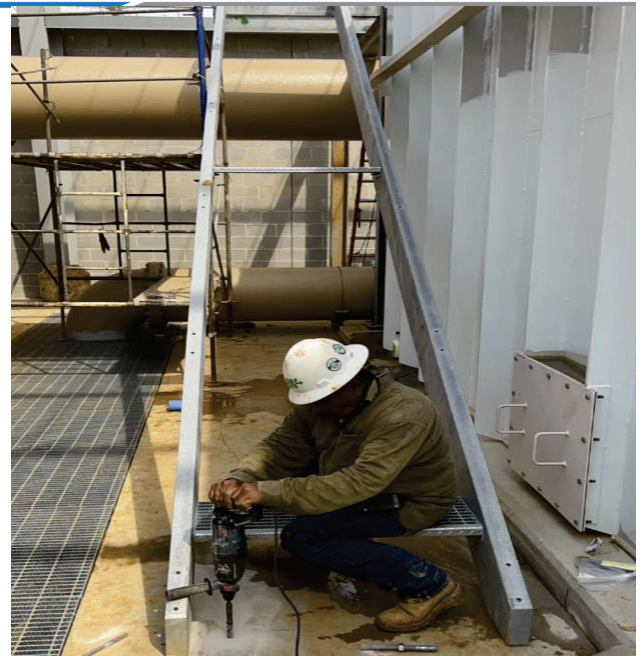
	2021												2022												2023												2024											
	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec					
WTP/RWI	[Gantt chart bars for WTP/RWI project]																																															
BPS	[Gantt chart bars for BPS project]																																															
Seg A	[Gantt chart bars for Seg A project]																																															
Seg B	[Gantt chart bars for Seg B project]																																															
Seg D	[Gantt chart bars for Seg D project]																																															
Seg E	[Gantt chart bars for Seg E project]																																															
EST	[Gantt chart bars for EST project]																																															
Seg C	[Gantt chart bars for Seg C project]																																															

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

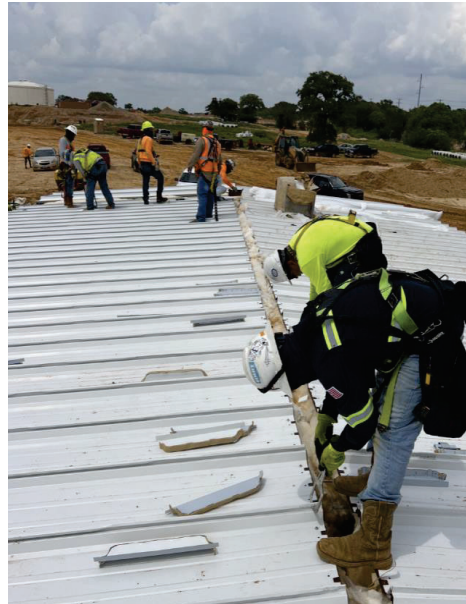


WTP – Installing Stairs at Filter Complex for Elevated Walkway

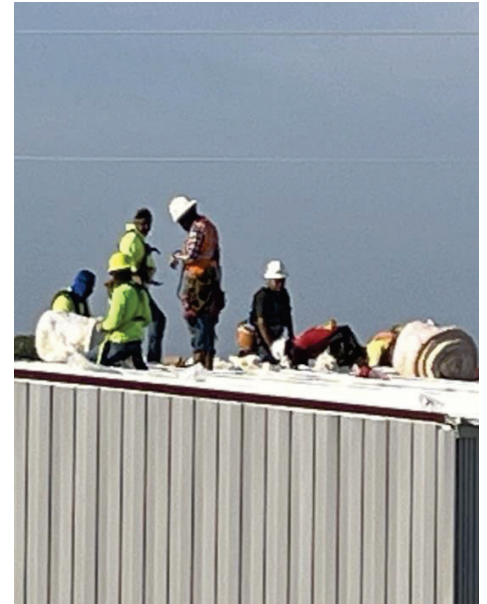




WTP – Electrical Building Roof Sheetting



WTP – Electrical Building Installing Roof Sheetting

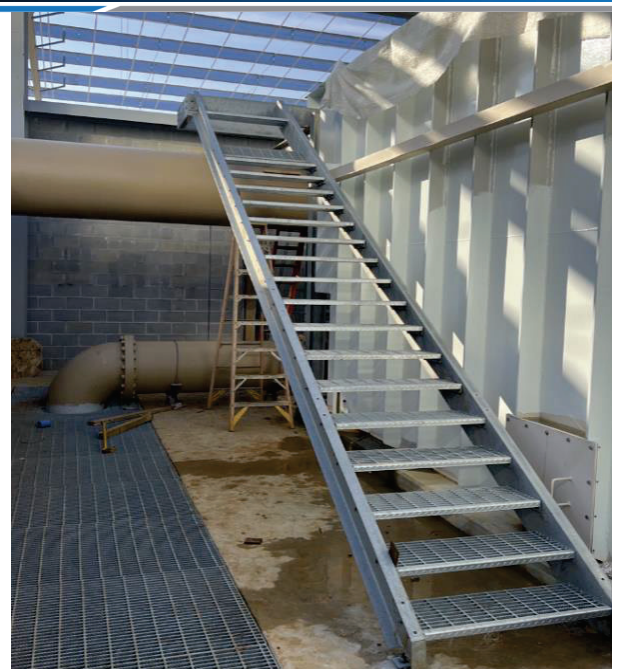


WTP – Electrical Building Installing Ridge Cap Roof Sheetting

## 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.

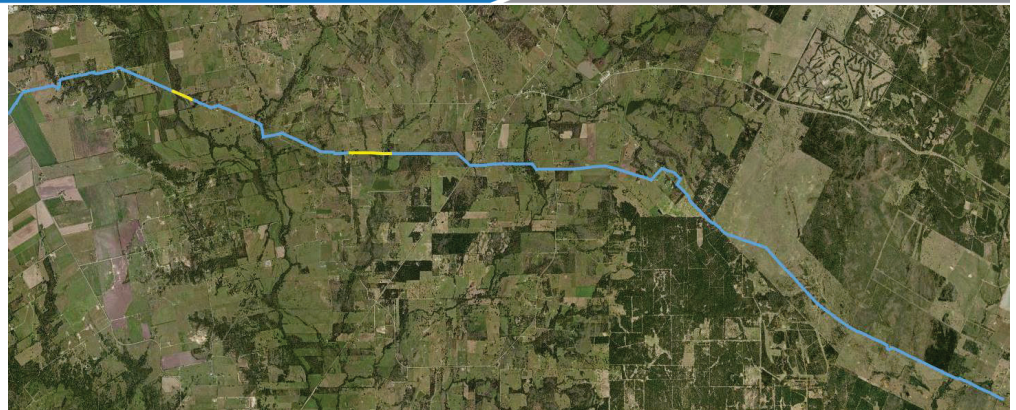


BPS – Hangers & Supports for Electrical Building

# 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

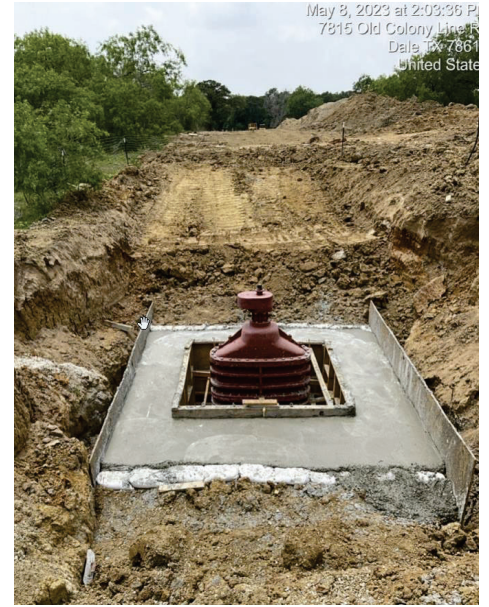
# Segment A – Progress Photos



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

11

# 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

12

# 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

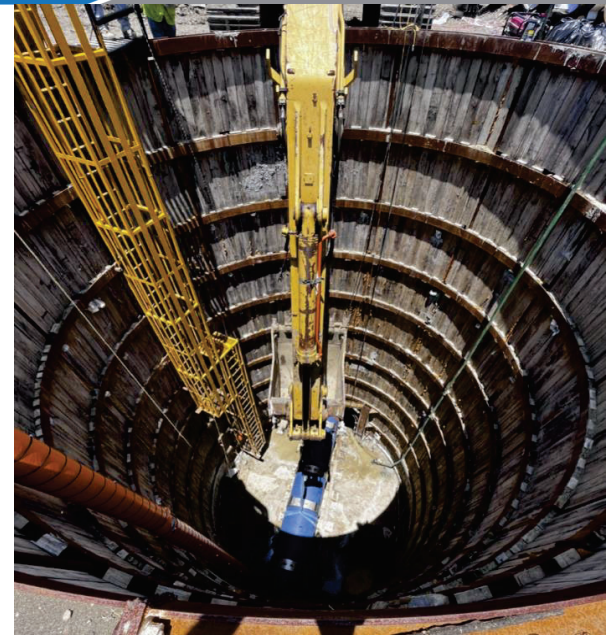


Seg B – Bolting Gate Valve to Pipe

## 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

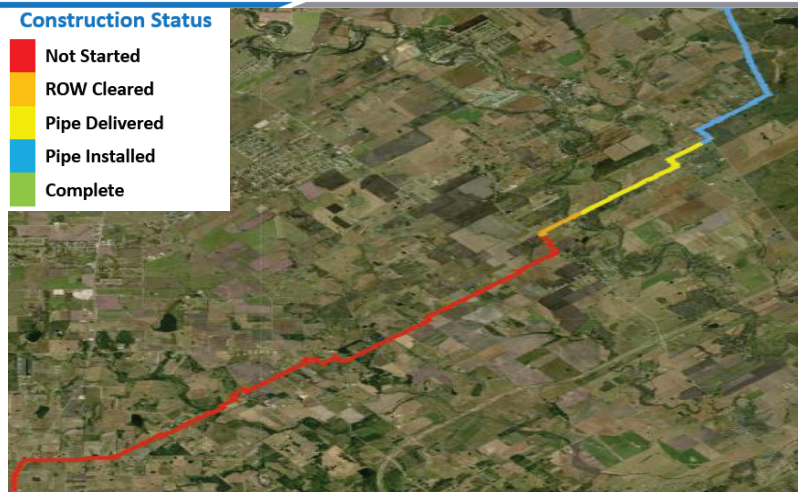
## Segment D (SJ Louis / Freese & Nichols)

### 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

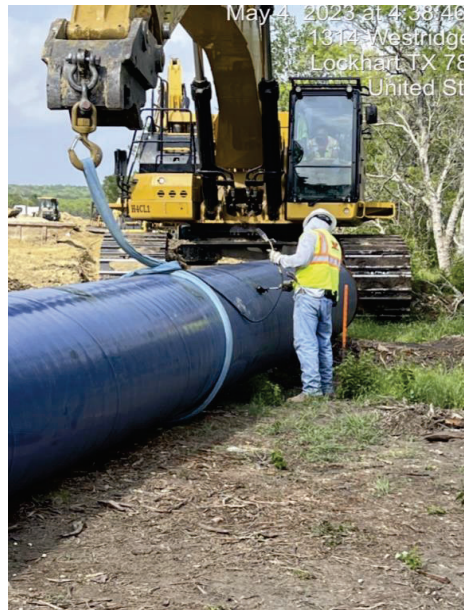


Activity	Status
ROW Cleared	40%
Pipe Delivered	34%
Tunnels Completed	17%(3 of 18)
Pipe Installed	21%
Major Crossing (San Marcos River Crossing)	0%

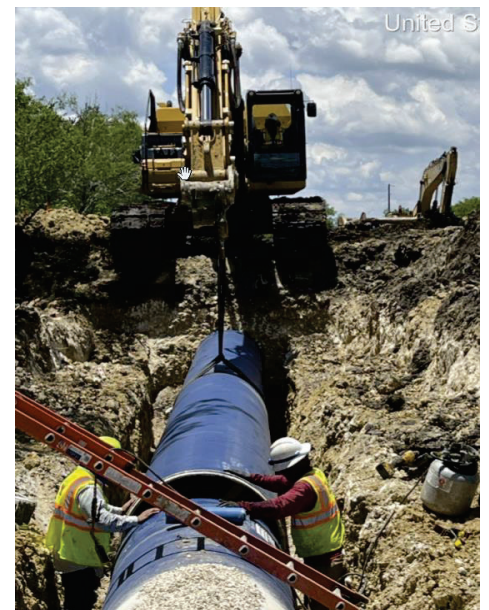
## Segment D – Progress Photos



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

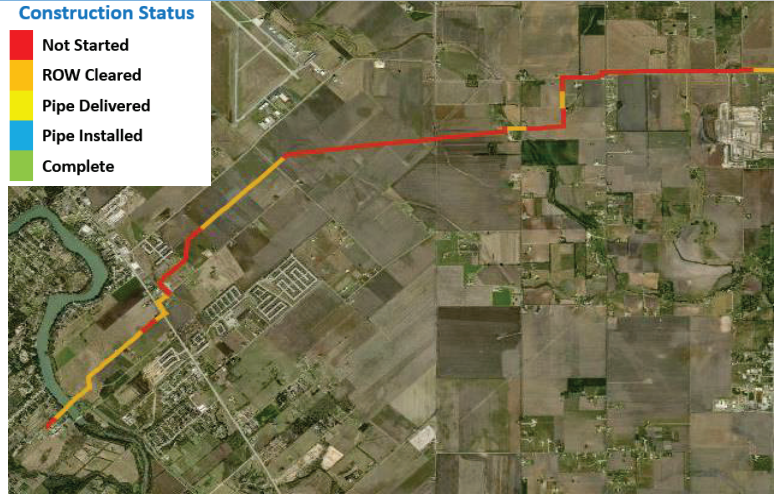
- Process documentation: Submittals and RFI in SharePoint.
- Coordination with developments along 758 and 46.
- UIR permits have initiated inspections.
- Conducted bi-weekly progress meeting.
- Continued surveying layout
- Installation of temp gates for access continued by Razor.
- Meeting conducted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

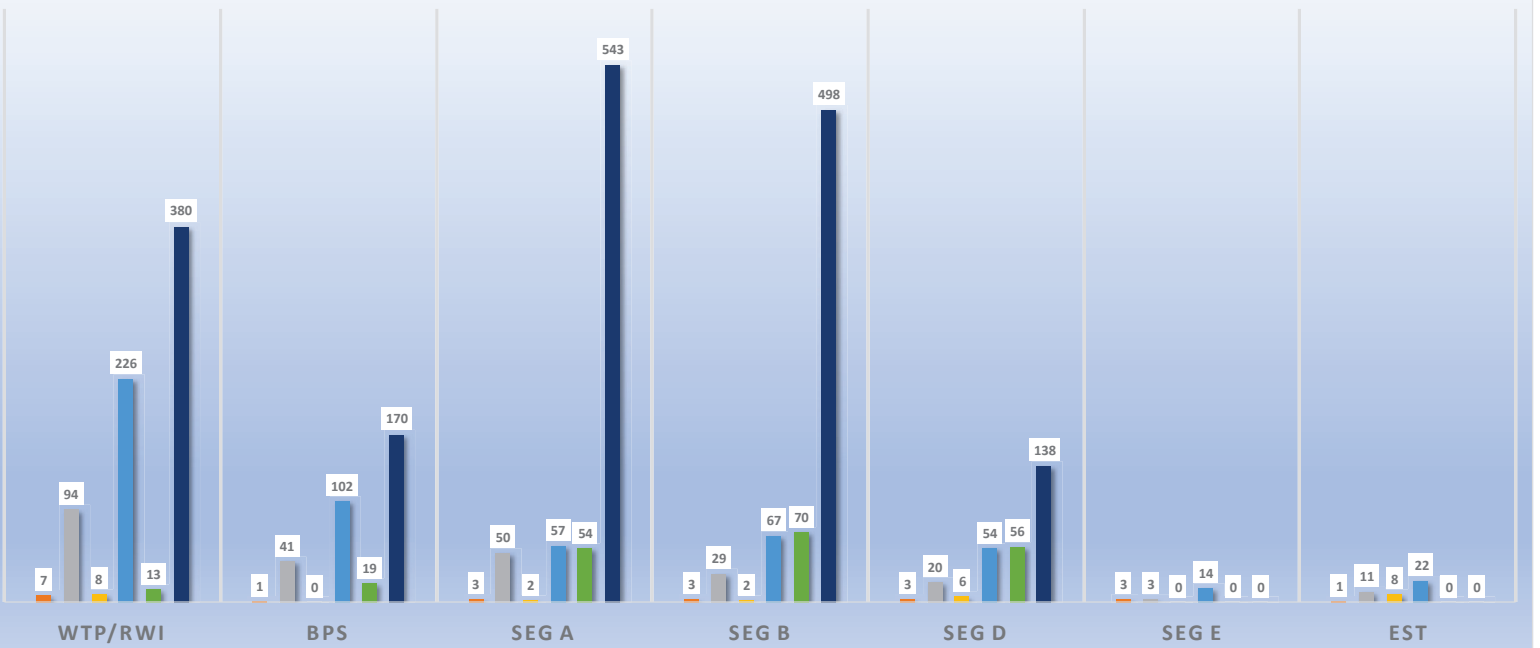
- Concrete pour for pile caps and foundation.
- Foundation completion is projected for June 14th.



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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- F.2** Update and possible direction to Staff regarding the Authority's Phase 1B program.  
~ *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 14, 2023
- Kimley-Horn Monthly Summary of Activities for May 2023

**Technical Committee Decisions Needed:**

- None.



# Phase 1B Program Update

Technical Committee Meeting  
June 14, 2023

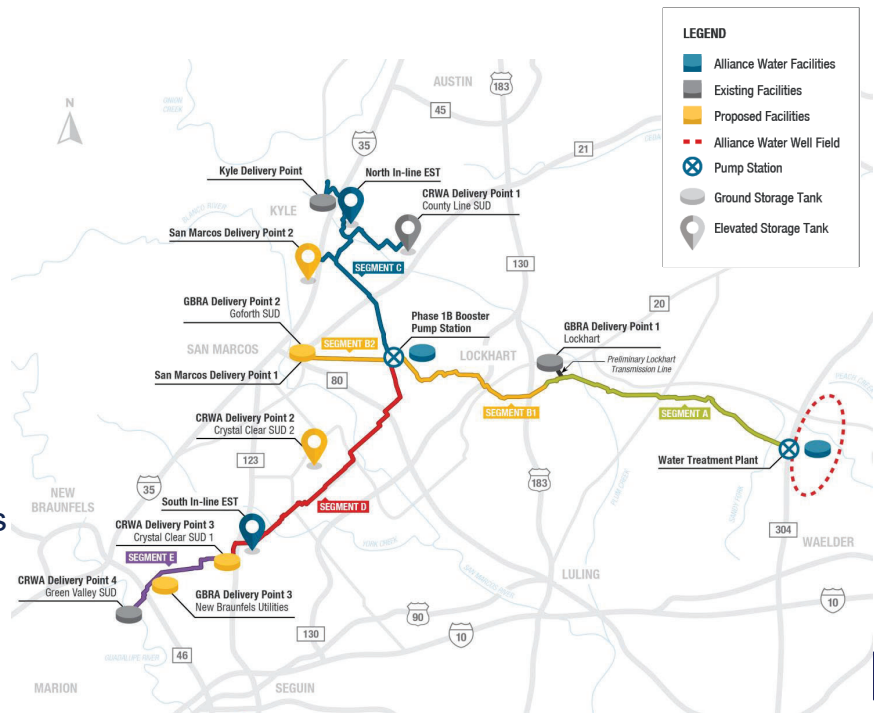


**ALLIANCE WATER**

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

## Ongoing Progress

- ▶ Design Milestone Status
  - Segment C
    - 100% Submittal – June
- ▶ TWDB Reviews
  - Segment E
    - Plans and Specs – Under Review
    - Construction – Release of Funds Request – Under Review
  - South In-line EST
    - EFR - Approved
    - Plans and Specs – Under Review (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	16
D	60	0	0	0	0	0	60	15
C	76	4	8	12	2	14	62	37
E	36	0	0	0	0	0	36	13
Well Field	16	0	4	4	0	4	12	4
<b>Total</b>	<b>274</b>					<b>18</b>	<b>256</b>	<b>90</b>



Questions?

June 8, 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.

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- F.3** 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 will make a presentation following up on May's discussion regarding the updated Phase 1B budget projections and questions the Committee had specifically regarding the Administrative Facility and the timing of the needs.

Attachment(s)

- Phase 1B Program Budget Update – June 14, 2023

**Technical Committee Decision Needed:**

- Possible direction to Staff.



# Phase 1B Program Budget Update

Technical Committee Meeting  
June 14, 2023




**ALLIANCE WATER**

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

1

## Budget Update

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



**ALLIANCE WATER**

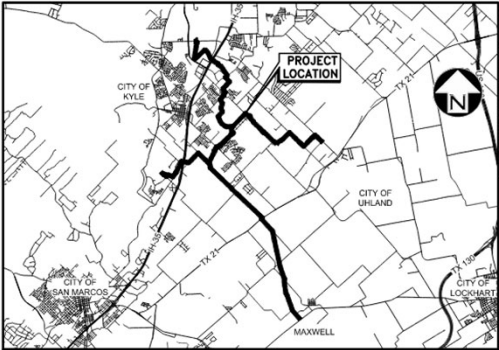
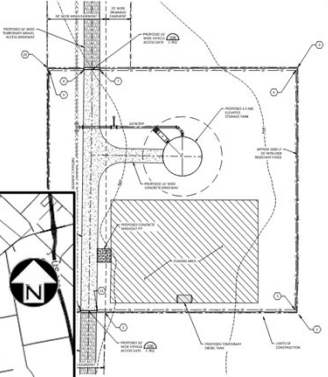
2


COST UPDATES BASED ON FEBRUARY MILESTONE SUBMITTALS/RESULTS				
Construction Package		PREVIOUS ARWA Total Projected Cost	REVISED ARWA Total Projected Cost	DIFFERENCE
<b>Submittal (%) Combined Program Infrastructure</b>				
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
	<b>Subtotal</b>	<b>\$168,600,000</b>	<b>\$185,900,000</b>	<b>\$ 17,300,000</b>
<b>ARWA-Only Infrastructure</b>				
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
	<b>Subtotal</b>	<b>\$110,800,000</b>	<b>\$148,400,000</b>	<b>\$ 37,600,000</b>
	<b>Total</b>	<b>\$279,400,000</b>	<b>\$334,300,000</b>	<b>\$54,900,000</b>
Revised Projected Cost (\$334,300,000) - Total SWIFT Funding (\$288,410,000) = \$45,890,000				

3

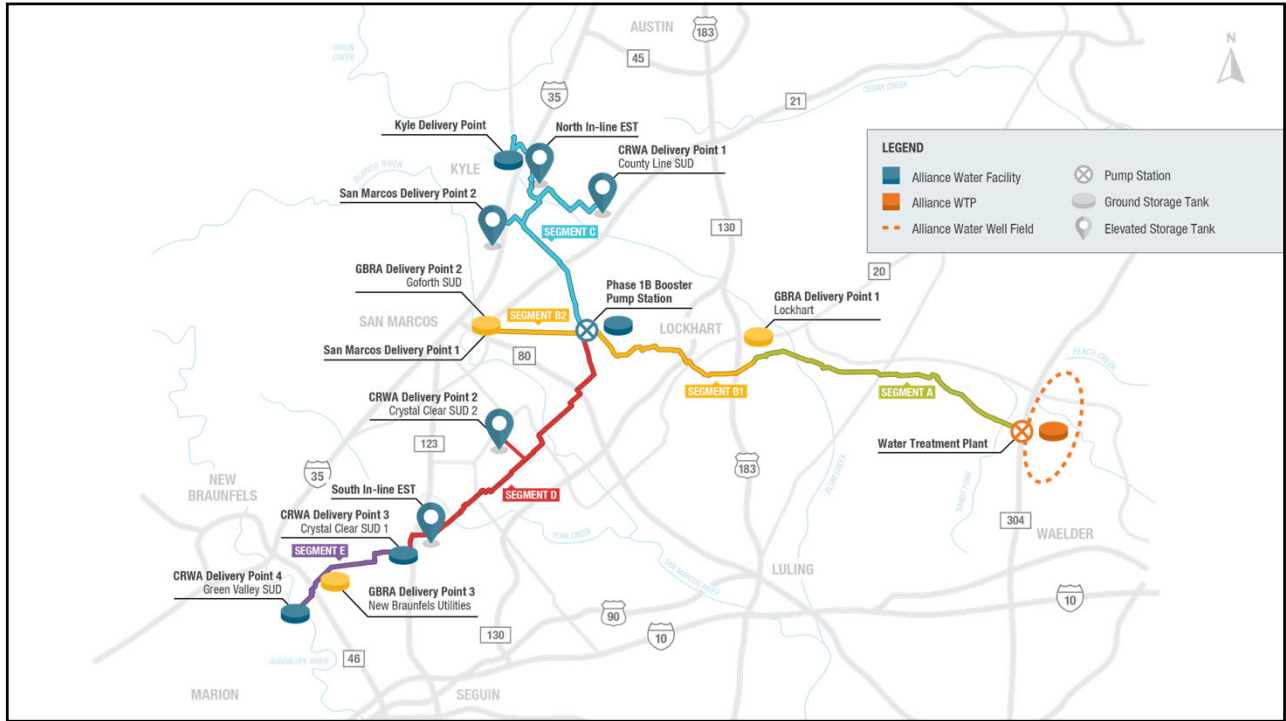
## Possible Scope Revisions / Deferrals

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

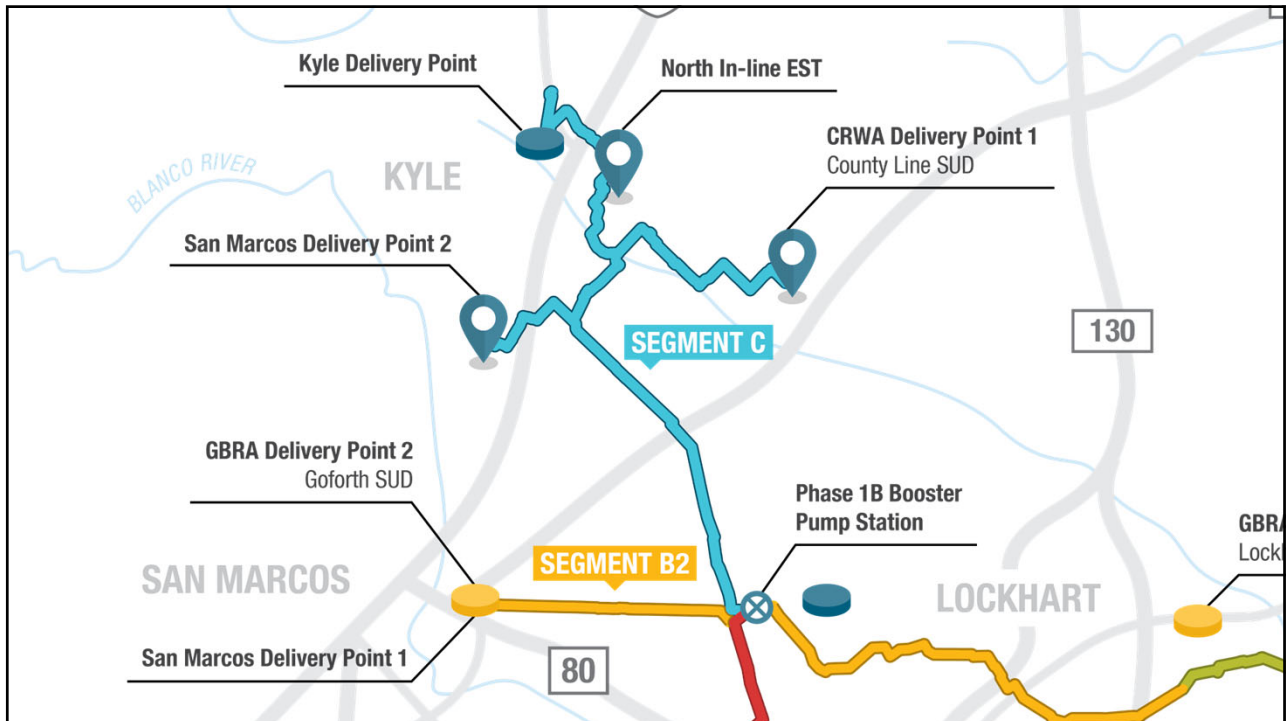





4

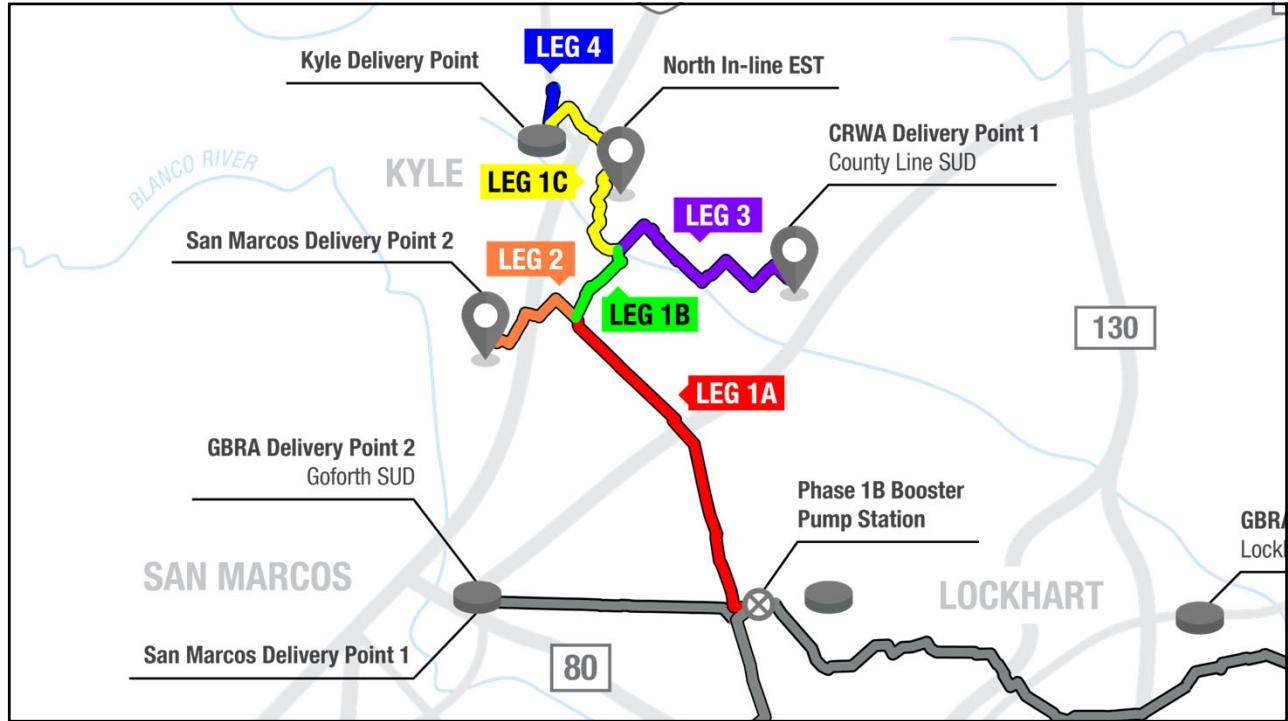


5



6





7

## 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
<b>TOTAL (ROUNDED):</b>	<b>\$69,860,000</b>	<b>\$45,660,000</b>	<b>\$58,280,000</b>	<b>\$12,620,000</b>

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



8

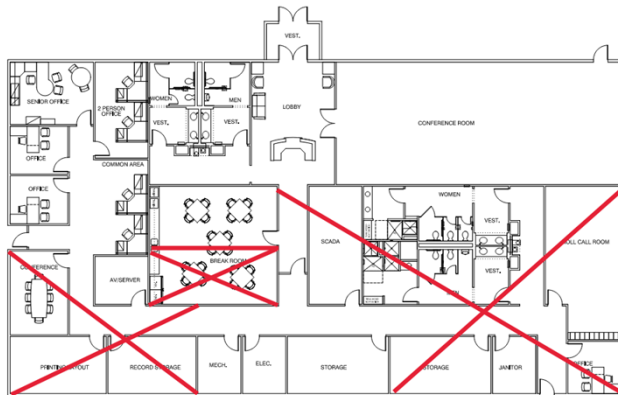
# North Inline EST

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	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
<b>SUBTOTAL (ROUNDED):</b>		<b>\$7,000,000</b>	<b>\$5,950,000</b>	<b>\$8,340,000</b>	<b>\$2,390,000</b>

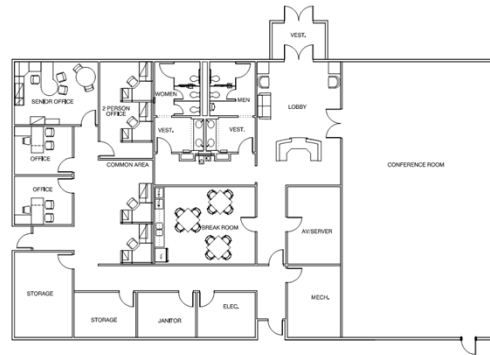
\*The pricing shown within this analysis accounts for the 5% annual inflation rate assumed.

9

# Administration Building



~9,056 SQ. FT.



~5,800 SQ. FT.

**Estimated costs for the new footprint are similar to those to the prior footprint.**

10

## 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
<b>SUBTOTAL (ROUNDED):</b>		<b>\$4,200,000</b>	<b>\$4,200,000</b>	<b>\$6,100,000</b>	<b>\$1,900,000</b>

ALLIANCE WATER

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

11

## 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	\$4,200,000	\$4,200,000	\$6,100,000	\$1,900,000
<b>TOTAL (ROUNDED):</b>	<b>\$81,160,000</b>	<b>\$55,910,000</b>	<b>\$72,720,000</b>	<b>\$16,910,000</b>

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

12

## Project Timing

Driven by Segment C Construction

- ▶ Advertise in November 2023
- ▶ Issue NTP in January 2024
- ▶ Funding Needed in Early 2024



13

## Financing Options

- ▶ Private Financing
- ▶ Consider re-financing through SWIFT funds in 2024 and potentially bundling with any financing for Phase 1C/1D expansions



14



**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**F.4** 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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

Attachment(s)

- Draft – FY 2023-24 Budget

**Technical Committee Decision 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
<b>Operations Expenditures</b>				
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
<b>Total Royalties &amp; Permit Fees</b>	<b>1,351,155.00</b>	<b>1,611,470.50</b>	<b>1,511,000.00</b>	<b>2,953,790.50</b>
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
<b>Total Contract Services</b>	<b>207,136.00</b>	<b>258,000.00</b>	<b>256,250.00</b>	<b>258,000.00</b>
Regional Water Planning Contribution	0.00	1,500.00	1,500.00	1,500.00
<b>Admin Operations</b>				
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
<b>Total Admin Operations</b>	<b>43,141.00</b>	<b>54,800.00</b>	<b>25,700.00</b>	<b>42,250.00</b>
Travel, Conferences & Meetings	4,967.00	5,000.00	3,500.00	5,000.00
<b>Employee Expenses</b>				
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
<b>Total Employee Expenses</b>	<b>436,030.00</b>	<b>492,489.00</b>	<b>431,245.00</b>	<b>514,280.00</b>
<b>Total Operations Expenditures</b>	<b>2,042,430.00</b>	<b>2,423,260.00</b>	<b>2,229,200.00</b>	<b>3,774,820.00</b>
<b>Facility O&amp;M Expenditures</b>				
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
<b>Total O&amp;M Expenditures</b>	<b>13,066.00</b>	<b>172,750.00</b>	<b>88,000.00</b>	<b>1,090,414.89</b>



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

	<b>Actual FY 2021/22</b>	<b>Approved (as Amended) FY 2022/23</b>	<b>Estimated FY 2022/23</b>	<b>Proposed FY 2023/24</b>
<b>Capital Expenditures</b>				
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
<b>Total Projects-in-Progress (Cash)</b>	<b>23,198.00</b>	<b>45,000.00</b>	<b>40,000.00</b>	<b>45,000.00</b>
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
<b>Total Projects-in-Progress Eng. (Cash)</b>	<b>42,309.00</b>	<b>202,810.00</b>	<b>12,500.00</b>	<b>375,000.00</b>
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
<b>Total Debt Service Payment</b>	<b>13,095,520.00</b>	<b>14,190,240.00</b>	<b>14,330,360.00</b>	<b>16,239,870.00</b>
<b>Total Capital Expenditures</b>	<b>13,161,030.00</b>	<b>14,438,050.00</b>	<b>14,382,860.00</b>	<b>16,659,870.00</b>
<b>Total Expense</b>	<b>15,216,530.00</b>	<b>17,034,060.00</b>	<b>16,700,060.00</b>	<b>21,525,100.00</b>
<b>Ordinary Income/Expense</b>				
<b>Beginning Unreserved Fund Balance</b>	<b>2,209,973.16</b>	<b>3,312,234.74</b>	<b>3,312,234.74</b>	<b>4,607,010.00</b>
<b>Revenue</b>				
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
<b>Total Project Contribution</b>	<b>15,733,669.00</b>	<b>16,975,242.00</b>	<b>16,971,742.00</b>	<b>22,004,105.89</b>
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
<b>Total TexStar Interest Revenue</b>	<b>605,712.00</b>	<b>59,950.00</b>	<b>970,000.00</b>	<b>319,000.00</b>
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
<b>Total Broadway Interest Income</b>	<b>10,018.00</b>	<b>3,480.00</b>	<b>53,100.00</b>	<b>26,550.00</b>
<b>Total Operating Revenue</b>	<b>16,349,400.00</b>	<b>17,038,670.00</b>	<b>17,994,840.00</b>	<b>22,349,660.00</b>
<b>Total Funds Available</b>	<b>18,559,373.16</b>	<b>20,350,904.74</b>	<b>21,307,074.74</b>	<b>26,956,670.00</b>
<b>Net Income</b>	<b>1,132,870.00</b>	<b>4,610.00</b>	<b>1,294,780.00</b>	<b>824,560.00</b>
<b>Ending Unreserved Balance</b>	<b>3,312,234.74</b>	<b>3,316,840.00</b>	<b>4,607,010.00</b>	<b>5,431,570.00</b>
<b>Fund Balance as Percentage of Operating</b>	<b>161.14%</b>	<b>127.77%</b>	<b>198.82%</b>	<b>111.64%</b>

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**F.5** Discussion and possible recommendation to the Board to adopt the Water Projections Update Policy. *Graham Moore, P.E., Executive Director*

---

Background/Information

In May Staff presented 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. Staff is requesting a recommendation from the Committee to the Board to adopt the policy.

Attachment(s)

- Draft Water Projections Update Policy

**Technical Committee Decisions Needed:**

- Possible Recommendation to Board to adopt Policy.



**Alliance Regional Water Authority  
Policy on Water Projections Update  
Adopted XXXX**

This Water Projections Update 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 1<sup>st</sup> – the Executive Director sends out the Water Projections Tool to the Sponsors.

B. April 30<sup>th</sup> – the Sponsors send updated projections to the Executive Director.

C. June 30<sup>th</sup> – 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 15<sup>th</sup> – 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**

<b>Date</b>	<b>J BIEMER:</b> Name of utility system this report is being filed for.	
<b>Utility Name</b>		
<b>Prepared By</b>		
<b>Organization</b>		
<b>Year:</b>	<b>Total System Demand</b>	<b>Total System Supply</b>
2024	<b>J BIEMER:</b> Acre Feet per Year	<b>J BIEMER:</b> 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	
<b>Demand Notes:</b>	
<b>J BIEMER:</b> Person who prepared response.	
<b>J BIEMER:</b> If preparer is a consultant, please indicate organization affiliation.	
<b>Basis of Supply Notes:</b>	

**Alliance Water Program Information**

<b>Year*</b>	<b>Phase</b>	<b>Total ARWA Base Production (af/yr)</b>	<b>Total ARWA Peak Production (af/yr)</b>	<b>Sponsor's Percentage of Total Production</b>	<b>Sponsor</b>
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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**F.6** Discussion of legislative issues for the 88<sup>th</sup> Texas Legislature and possible direction to Staff. ~ *Graham Moore, P.E., Executive Director*

---

Background/Information

The legislature adjourned the 88<sup>th</sup> Regular Session on May 29<sup>th</sup>. Attached are the status of the bills that the Authority was tracking in the session.

The Governor called the 1<sup>st</sup> Special Session on May 30<sup>th</sup> focused on tax reduction and border security items. Future special sessions are expected to deal with school choice. To date there is no expectation for anything related to infrastructure to be on included on a special session call.

Attachment(s)

ARWA Bill Tracking as of 6/12/2023

**Technical Committee Decisions Needed:**

- Possible Direction to Staff.

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

<b>ARWA – Bills to Support/Oppose (as of 6/12/2023)</b>				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 170</b>	Spiller	<ul style="list-style-type: none"> <li>Restrict public entities, including special purpose districts, from spending public money to pay a lobbyist</li> </ul>	State Affairs	Oppose
<b>HB 622</b>	Shaheen	<ul style="list-style-type: none"> <li>Allows legal postings on website in lieu of newspaper publications</li> <li>5/11: Sent to House Calendars</li> </ul>	County Affairs	Support
<b>HB 973</b>	Zwiener	<ul style="list-style-type: none"> <li>Adds grants to harden/weatherize water &amp; wastewater systems from the Critical Infrastructure Res Fund</li> </ul>	State Affairs	Support
<b>HB 1646</b>	King, Tracy	<ul style="list-style-type: none"> <li>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.</li> <li>4/19: Passed House</li> <li>5/19: Passed Senate Cmte</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Support
<b>SB 175</b> <b>HB 3538</b>	Middleton Troxclair	<ul style="list-style-type: none"> <li>Prohibits political subdivisions from spending public funds on lobbyists or a lobbying association</li> <li>3/13: Left pending in House Cmte</li> <li>4/13: Referred to Senate Cmte</li> </ul>	State Affairs State Affairs	Oppose
<b>HB 2460</b> <b>SB 296</b>	King Perry	<ul style="list-style-type: none"> <li>Requires TCEQ to updates is WAMs for the Guadalupe, Lavaca, Nueces, San Antonio, San Jacinto and Trinity River basins.</li> <li>5/24: Signed by the Governor, effective 9/1/2023</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Support
<b>SB 469</b>	Springer	<ul style="list-style-type: none"> <li>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.</li> <li>5/29: Sent to Governor</li> </ul>	Ag, Water & Rural Affairs Natural Resources	Monitor
<b>HB 10</b> <b>SB 28</b>	King Perry	<ul style="list-style-type: none"> <li>Relating to financial assistance provided and programs administered by the TWDB</li> </ul>	Natural Resources	Support



**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

		<ul style="list-style-type: none"> <li>Companion allocates \$1 billion from Rainy Day Fund for programs</li> <li>6/9: Signed by the Governor, pending voter approval of funding</li> </ul>	Ag, Water & Rural Affairs	
<b>HB 2906</b>	Hayes	<ul style="list-style-type: none"> <li>Requires condemnor to pay all expenses and fees if Special Commissioners or jury awards more value than what was offered by the governmental entity</li> </ul>	Land & Resource Mgmt	Oppose
<b>HB 3278</b>	Price	<ul style="list-style-type: none"> <li>Relating to the joint planning of DFCs in GMAs. TWCA supported legislation.</li> <li>6/11: Signed by the Governor, effective immediately</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Support
<b>SB 1289</b>	Perry	<ul style="list-style-type: none"> <li>Related to the disposal of reclaimed wastewater. TWCA supported legislation.</li> <li>5/29: Sent to Governor</li> </ul>	Ag, Water & Rural Affairs Environmental Regulation	Support
<b>HB 3059</b>	King	<ul style="list-style-type: none"> <li>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.</li> <li>5/30: Sent to Governor</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Monitor

<b>ARWA – Bills to Related to Open Meetings / Government (as of 6/12/2023)</b>				
<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 537</b>	Wu	<ul style="list-style-type: none"> <li>Require governmental entity to post audit on website</li> <li>3/16: Substitute approved in comm</li> </ul>	State Affairs	Monitor
<b>HB 712</b> <b>SB 271</b>	Shaheen Johnson	<ul style="list-style-type: none"> <li>Require local governments to notify DIR about a security incident</li> <li>5/19: Signed by the Governor, effective 9/1/2023</li> </ul>	State Affairs Business & Commerce	Monitor
<b>HB 2492</b> <b>SB 680</b>	Capriglione Johnson	<ul style="list-style-type: none"> <li>Requires disclosure of certain types of contracting communication even if it intends to assert an exception to disclosure.</li> </ul>	State Affairs Business & Commerce	Monitor

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

<b>SB 42</b>	Zaffirini	<ul style="list-style-type: none"> <li>Amends certain open meeting situations – imposes some additional requirements on virtual meetings</li> </ul>	Business & Commerce	Monitor
--------------	-----------	---	---------------------	---------

**ARWA – Bills to Monitor (as of 6/12/2023)**

<u>Bill Number</u>	<u>Sponsor</u>	<u>General Information</u>	<u>Committee</u>	<u>ARWA Position</u>
<b>HB 427</b>	VanDeaver	<ul style="list-style-type: none"> <li>Relating to info required to be provided to the public about planned excavations</li> </ul>	Energy Resources	Monitor
<b>HB 495</b>	Meza	<ul style="list-style-type: none"> <li>Requires a rest break of 10-minutes every 4 hours for construction workers; requires public entity to administer the requirement</li> </ul>	State Affairs	Monitor
<b>HB 585</b>	Raymond	<ul style="list-style-type: none"> <li>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</li> <li>5/1: Sent to House Calendars</li> </ul>	Natural Resources	Monitor
<b>HB 588</b>	Raymond	<ul style="list-style-type: none"> <li>Creates a statewide disaster alert system through the Dept of Emergency Management</li> </ul>	Homeland Security	Monitor
<b>HB 778</b> <b>SB 283</b>	Walle Echaradt	<ul style="list-style-type: none"> <li>Requires written verification from contractor and subcontractor on construction projects that Workers Comp is provided for all workers</li> <li>4/24: HB scheduled for hearing</li> </ul>	Business & Industry Business & Commerce	Monitor
<b>HB 982</b>	Toth	<ul style="list-style-type: none"> <li>Prohibits contracting with certain companies for goods/services unless enviro, social and governance policies are prohibited.</li> </ul>	State Affairs	Monitor
<b>HB 1412</b> <b>SB 330</b>	Schaefer	<ul style="list-style-type: none"> <li>Creates the Texas Grid Security Commission, which includes a rep</li> </ul>	State Affairs Business & Commerce	Monitor

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

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

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

<b>HB 2119</b>	Dorazio	<ul style="list-style-type: none"> <li>Relating to the award of attorney's fees to the prevailing party in certain suits involving a GCD</li> </ul>	Natural Resources	Monitor
<b>HB 2265</b> <b>SB 803</b>	Leach  Hughes	<ul style="list-style-type: none"> <li>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</li> <li>5/5: Passed House</li> <li>5/19: Scheduled for Senate Cmte hearing</li> </ul>	State Affairs  Business & Commerce	Monitor
<b>HB 2284</b>	King	<ul style="list-style-type: none"> <li>Provides that a person is entitled to repurchase property acquired through eminent domain if the use of the property is changed from public use</li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 2318</b>	Zwiener	<ul style="list-style-type: none"> <li>Relating to the possession of property to be acquired by eminent domain during pending litigation in a condemnation proceeding</li> </ul>	Land & Resource Mgmt	Monitor
<b>HB 2443</b>	Harris	<ul style="list-style-type: none"> <li>Allow person to petition GCD to adopt or modify rules. The language is not the TWCA consensus language</li> <li>6/10: Signed by the Governor, effective 9/1/2023</li> </ul>	Natural Resources  Water, Ag & Rural Affairs	Monitor
<b>HB 2735</b>	King	<ul style="list-style-type: none"> <li>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</li> <li>5/4: Passed House</li> <li>5/9: Referred to Senate Cmte</li> </ul>	Natural Resources  Water, Ag & Rural Affairs	Monitor
<b>HB 2965</b> <b>SB 1336</b>	Vasut  Creighton	<ul style="list-style-type: none"> <li>Removes the exemption for civil works projects from construction liability claims.</li> <li>6/11: Signed by the Governor, effective 9/1/2023</li> </ul>	Judiciary & Civil Juris.  Business & Commerce	Monitor

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

<b>HB 3225</b>	Tepper	<ul style="list-style-type: none"> <li>Requires a recording to be posted to the gov't entities website within 5 days containing a recording of any public meeting</li> <li>4/25: Left pending in Cmte</li> </ul>	Natural Resources	Monitor
<b>HB 3314</b>  <b>SB 1080</b>	Gerdes  Kolkhorst	<ul style="list-style-type: none"> <li>Allows Lost Pines GCD to establish a mitigation program to be funded by production or export fees</li> <li>SB is similar to HB, but not same.</li> <li>5/29: Sent to Governor</li> </ul>	Natural Resources  Ag, Water & Rural Affairs	Monitor
<b>HJR 26</b>	Schofield	<ul style="list-style-type: none"> <li>Amends Constitution to provide the right to repurchase real property acquired through eminent domain</li> </ul>	Land & Resource Mgmt	Monitor
<b>SB 30</b>	Huffman	<ul style="list-style-type: none"> <li>Appropriates \$400 million from ARPA to provide grants for flood mitigation as part of Appropriations bill</li> <li>6/9: Signed by the Governor, effective immediately</li> </ul>	Finance Appropriations	Monitor
<b>SB 40</b>	Zaffirini	<ul style="list-style-type: none"> <li>Requires TCEQ to develop and implement a boil water notice alert system</li> </ul>	Ag, Water & Rural Affairs	Monitor
<b>SB 156</b>	Perry	<ul style="list-style-type: none"> <li>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.</li> <li>3/16: Passed Senate</li> <li>5/18: Passed House Cmte</li> </ul>	Ag, Water & Rural Affairs  Natural Resources	Monitor
<b>SB 223</b>	Campbell	<ul style="list-style-type: none"> <li>Requires a TCEQ public meeting on an application for an initial wastewater treatment permit in the county the facility would be located.</li> </ul>	Ag, Water & Rural Affairs	Monitor
<b>SB 638</b>	Springer	<ul style="list-style-type: none"> <li>Amends Ch. 36 in several areas dealing primarily with Directors recusal process; limits board</li> </ul>	Ag, Water & Rural Affairs	Monitor

**ARWA Bill Tracking – 2023 / 88th Texas Legislature**

		<p>continuances; provides deadlines for permit decisions, etc.</p> <ul style="list-style-type: none"> <li>• 4/27: Passed Senate</li> <li>• 4/28: Referred to House Cmte</li> </ul>	Natural Resources	
<b>SB 1366</b>	Creighton	<ul style="list-style-type: none"> <li>• Funding mechanism for flood projects.</li> </ul>	Finance	Monitor
<b>HB 3990</b>	Kacal	<ul style="list-style-type: none"> <li>• Requires TWDB and TCEQ to study groundwater and surface water interaction</li> <li>• 5/3: Passed House</li> <li>• 5/5: Referred to Senate Cmte</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Monitor
<b>HB 4532</b>	Kacal	<ul style="list-style-type: none"> <li>• Requires consideration of modeled sustainable groundwater pumping before approving a DFC</li> <li>• 4/28: Passed House</li> <li>• 5/2: Referred to Senate Cmte</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Monitor
<b>HB 5052</b>	Gerdes	<ul style="list-style-type: none"> <li>• Requires consideration of impacts on historic wells for new permit requests</li> <li>• 4/27: Passed House</li> <li>• 5/2: Referred to Senate Cmte</li> </ul>	Natural Resources Ag, Water & Rural Affairs	Monitor

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- F.7** 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*
- 

Gonzales County Underground Water Conservation District (GCUWCD)

The GCUWCD is scheduled to meet on June 13th.

Plum Creek Conservation District (PCCD)

The PCCD is scheduled to meet on June 20th.

Groundwater Management Area 13

No update.

Region L Planning Group

No update.

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

No update.

**Technical Committee decision needed:**

- None.

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- G. EXECUTIVE DIRECTOR REPORT** - Update on future meeting dates, locations, consultant invoices paid, approved changed orders, status of Authority procurements, Executive Director activities and other operational activities where no action is required. ~ *Graham Moore, P.E., Executive Director*

WTP Facility – Results of Lead and Abatement Assessment

- The assessment determined that neither the two barns nor the chicken coop have any materials that have lead or asbestos.
- The house has a number of building materials containing asbestos including: popcorn ceiling texture, joint compound, linoleum sheet flooring, wall texture, caulk on chimney cap and caulk on exterior of the windows.
- In addition the house has a number of materials that contain lead based paint, including: kitchen cabinet paint (below reporting limit), interior closet walls, bedroom wall paneling, restroom cabinet and wall paint.
- Staff is seeking a proposal from a firm to develop the details for abatement of the asbestos and lead based items so that the facility can be safely and legally demolished.

Consultant Invoices Paid

- Below are reports on the FY 22-23 consultant invoices paid in May.

**FY 22-23 CONSULTANT INVOICES PAID IN MAY 2023**

<b>Consultant</b>	<b>Total Authorized</b>	<b>Current Invoice</b>	<b>Invoiced-to-Date</b>	<b>% of Contract Invoiced</b>	<b>Remaining</b>	<b>Notes/ Anomalies</b>
RW Harden	\$30,000.00	\$1,740.00	\$18,389.94	61%	\$11,610.06	
Kent Alan Sick - ROW Legal	\$10,000.00	\$393.33	\$1,733.46	17%	\$8,266.54	
Armstrong, Vaughan & Associates, P.C.	\$11,250.00	\$0.00	\$11,250.00	100%	\$0.00	
J.R. Tolles & Associates, Inc.	\$265,000.00	\$23,685.00	\$157,242.00	59%	\$107,758.00	
Lloyd Gosselink Rochelle & Townsend	\$125,000.00	\$7,208.99	\$59,710.56	48%	\$65,289.44	
CD&P - Public Relations	\$60,000.00	\$0.00	\$13,874.83	23%	\$46,125.17	
Schlueter Group of Texas, LLC	\$60,000.00	\$5,000.00	\$40,000.00	67%	\$20,000.00	
Texas Land & Right of Way Company, LLC	\$20,000.00	\$0.00	\$15,934.00	80%	\$4,066.00	
AECOM - Blanco Basin WW Study	\$4,701.00	\$0.00	\$1,550.00	33%	\$3,151.00	
<b>Total</b>	<b>\$581,250.00</b>	<b>\$38,027.32</b>	<b>\$318,134.79</b>		<b>\$263,115.21</b>	



**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

Phase 1B Invoices Paid

- Below are reports on the FY 22-23 consultant invoices paid in May.

**PHASE 1B FY 20-21 CONSULTANT INVOICES PAID IN MAY 2023**

Consultant	Total Authorized	Current Invoice	Invoiced-to-Date	% of Contract Invoiced	Remaining	Notes/ Anomalies
Kimley-Horn Ph 1B Owner's Rep W06	\$852,425.41	\$0.00	\$831,984.75	98%	\$20,440.66	
Kimley-Horn Ph 1B Owner's Rep W07	\$1,622,371.00	\$0.00	\$89,977.65	6%	\$1,532,393.35	
Blanton - Environmental	\$332,142.56	\$17,162.40	\$91,761.65	28%	\$240,380.91	
LAN - Segment A Construction	\$407,524.48	\$16,587.25	\$63,236.69	16%	\$344,287.79	
KFA - Segment B Final	\$16,061.27	\$0.00	\$1,327.50	8%	\$14,733.77	
KFA - Segment B Construction	\$383,343.98	\$7,821.03	\$49,501.70	13%	\$333,842.28	
BGE - Segment C Prelim	\$15,099.24	\$0.00	\$0.00	0%	\$15,099.24	
BGE - Segment C Final	\$228,583.98	\$0.00	\$91,383.80	40%	\$137,200.18	
FNI - Segment D Prelim	\$61,533.66	\$0.00	\$0.00	0%	\$61,533.66	
FNI - Segment D Final	\$10.96	\$0.00	\$0.00	0%	\$10.96	
FNI - Segment D Construction	\$447,846.01	\$36,851.02	\$140,784.63	31%	\$307,061.38	
Walker - Segment E Prelim	\$26,842.82	\$0.00	\$0.00	0%	\$26,842.82	
Walker - Segment E Final	\$147,213.56	\$0.00	\$115,572.82	79%	\$31,640.74	
Walker - Segment E Construction	\$412,264.20	\$11,643.16	\$30,153.33	7%	\$382,110.87	
DTR&G	\$1,750,000.00	\$209,802.15	\$1,207,392.68	69%	\$542,607.32	
CBRE - Appraisals	\$326,140.00	\$34,720.00	\$97,780.00	30%	\$228,360.00	
STV / CP&Y - Survey	\$534,955.50	\$32,216.00	\$162,307.00	30%	\$372,648.50	
LNV - RWI	\$136,157.50	\$0.00	\$0.00	0%	\$136,157.50	
FNI - BPS Final	\$206,219.73	\$1,595.05	\$29,311.55	14%	\$176,908.18	
Plummer - Inline Elevated Tank Final	\$211,718.82	\$3,346.80	\$114,415.27	54%	\$97,303.55	
Plummer - Inline Elevated Tank Construction	\$148,208.00	\$54,010.00	\$4,764.48	3%	\$143,443.52	
Pape-Dawson - CM&I W0#6	\$2,474,241.68	\$0.00	\$1,466,354.74	59%	\$1,007,886.94	
Pape-Dawson - CM&I W0#7	\$6,437,459.00	\$483,291.57	\$0.00	0%	\$6,437,459.00	
Walker Partners - WTP CA Svcs	\$1,032,579.41	\$11,272.94	\$157,226.19	15%	\$875,353.22	
LNV/Ardurina - RWI CA Svcs	\$262,885.25	\$0.00	\$27,508.90	10%	\$235,376.35	
FNI - BPS CA Svcs	\$291,638.01	\$31,059.55	\$127,257.01	44%	\$164,381.00	
CP&Y - SCADA Programming Svcs	\$563,962.49	\$64,830.46	\$184,755.46	33%	\$379,207.03	
HVJ - Materials Testing (WTP)	\$346,373.75	\$5,865.75	\$72,511.00	21%	\$273,862.75	
HVJ - Materials Testing (BPS)	\$63,844.25	\$2,890.50	\$19,427.00	30%	\$44,417.25	
HVJ - Materials Testing (Segment A)	\$730,665.00	\$34,006.25	\$204,853.75	28%	\$525,811.25	
HVJ - Materials Testing (Segment B)	\$399,471.28	\$19,528.25	\$176,343.99	44%	\$223,127.29	
HVJ - Materials Testing (Segment D)	\$489,949.00	\$18,706.25	\$39,750.63	8%	\$450,198.37	
HVJ - Materials Testing (Segment E)	\$392,695.00	\$0.00	\$1,499.75	0%	\$391,195.25	
HVJ - Materials Testing (S Inline EST)	\$158,361.00	\$1,759.00	\$1,759.00	1%	\$156,602.00	
<b>Total</b>	<b>\$21,810,787.80</b>	<b>\$1,098,886.38</b>	<b>\$6,800,802.82</b>	<b>28%</b>	<b>\$18,309,884.88</b>	

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

Phase 1B Consultant Change Orders

- Below are reports on the FY 22-23 consultant invoices approved in May.

CHANGE ORDERS APPROVED IN MAY 2023				
Consultant	Original Authorization	Change Orders to Date	Change Order Approved this Month	New Total Contract Amount
Freese & Nichols: 1B BPS & DP Prelim	\$ 771,617.00	\$ 44,408.00	\$ -	\$ 816,025.00
CP&Y: Ph 1B Program Survey	\$ 3,375,780.00	\$ 83,500.00	\$ -	\$ 3,459,280.00
Freese & Nichols: 1B Segment D (Final)	\$ 1,999,464.00	\$ 418,373.96	\$ -	\$ 2,417,837.96
LAN: 1B Segment A Final Design	\$ 1,903,077.00	\$ 262,949.00	\$ -	\$ 2,166,026.00
Blanton & Assoc: Environmental Invest.	\$ 1,398,775.00	\$ 150,703.00	\$ -	\$ 1,549,478.00
K Friese & Assoc: 1B Seg B Final Design	\$ 1,830,994.00	\$ 334,387.13	\$ -	\$ 2,165,381.13
LAN: 1A Seg B Const Admin	\$ 108,860.01	\$ 6,204.04	\$ -	\$ 115,064.05
LNV: 1B Raw Water (Design)	\$ 1,418,700.00	\$ 107,570.00	\$ -	\$ 1,526,270.00
Walker Partners: 1B Seg E (Final)	\$ 1,190,421.00	\$ 307,759.11	\$ 21,131.11	\$ 1,477,049.00
BGE: 1B Segment C Final	\$ 2,688,310.00	\$ 702,306.00	\$ -	\$ 3,390,616.00
Freese & Nichols: 1B BPS & DP Final	\$ 1,580,519.00	\$ 163,657.00	\$ -	\$ 1,744,176.00
Pape Dawson: CMI	\$ 57,520.00	\$ 43,080.00	\$ -	\$ 100,600.00
Walker Partners: WTP (CA Svcs)	\$ 1,638,207.00	\$ 315,541.00	\$ -	\$ 1,953,748.00
Freese & Nichols: 1B BPS & DP (CA Svcs)	\$ 497,224.00	\$ 32,896.00	\$ -	\$ 530,120.00
LAN: 1B Segment A (CA Svcs)	\$ 486,610.00	\$ 25,000.00	\$ -	\$ 511,610.00
LNV: 1B Raw Water (Const Admin)	\$ 210,345.00	\$ 28,500.00	\$ -	\$ 238,845.00
K Friese & Assoc: 1B Seg B CA	\$ 471,544.00	\$ 10,000.00	\$ -	\$ 481,544.00

Phase 1B Construction Change Orders

- Below are reports on the change orders to date for the Phase 1B construction contracts.

CONSTRUCTION CHANGE ORDER SUMMARY - MAY 2023							
PROJECT	Original Contract Amount	TOTAL CHANGE ORDERS TO DATE	CURRENT CONTRACT AMOUNT	ARWA SHARE OF CHANGE ORDERS	Exec Director Max Authority	Exec Director Approved Change Orders to Date	Board and/or Tech Cmte Approved Change Order to Date
Water Treatment Plant & Raw Water Infrastructure Booster Pump Station & Delivery Points Contract	\$ 54,349,675.00	\$ 736,813.00	\$ 55,086,488.00	\$ 287,297.22	\$ 516,825.62	\$ 287,297.22	\$ 118,678.52
Segment A Pipeline	\$ 19,759,331.00	\$ 87,158.88	\$ 19,846,489.88	\$ 117,016.35	\$ 247,184.87	\$ 117,016.35	\$ -
Segment B Pipeline	\$ 49,471,384.71	\$ 7,261.88	\$ 49,478,646.59	\$ (40,293.43)	\$ 424,971.08	\$ (40,293.43)	\$ -
Segment D Pipeline	\$ 37,629,104.42	\$ 4,277,025.11	\$ 41,906,129.53	\$ 3,718,543.76	\$ 538,559.55	\$ 5,954.06	\$ 3,712,589.70
Segment E Pipeline	\$ 46,663,969.35	\$ 10,094.36	\$ 46,674,063.71	\$ 10,094.36	\$ 714,892.01	\$ 10,094.36	\$ -
South Inline EST	\$ 27,277,770.46	\$ -	\$ 27,277,770.46	\$ -	\$ 444,033.44	\$ -	\$ -
	\$ 4,638,000.00	\$ -	\$ 4,638,000.00	\$ -	\$ 108,074.94	\$ -	\$ -

**REGULAR MEETING**  
**Alliance Regional Water Authority Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

- H.** COMMITTEE MEMBER ITEMS OR FUTURE AGENDA ITEMS – Possible acknowledgement by Committee 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 Committee 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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

I.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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**I.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 Technical Committee**

**COMMITTEE MEMBER PACKETS**

Wednesday, June 14th, 2023 at 3:00 P.M.

Conference Call Number: 1-346-248-7799; Meeting ID: 896 9982 2817; Code: 257788

**J. ADJOURNMENT**

---